

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1018	Other Structure	Non-Participating	322768.96	323596.52	123:06	69	38:57	2337
1355	Other Structure	Non-Participating	316895.66	327118.47	121:20	79	35:31	2131
2330	Other Structure	Non-Participating	317822.66	328416.47	133:45	55	33:22	2002
1354	Other Structure	Non-Participating	317083.62	327325.03	107:00	57	33:17	1997
1357	Other Structure	Non-Participating	317584.54	329007.81	115:39	50	32:41	1961
1348	Other Structure	Non-Participating	317967.87	326252.19	104:09	52	32:01	1921
2332	Other Structure	Non-Participating	317647.41	329132.20	113:14	54	28:34	1714
1019	Other Structure	Non-Participating	322667.63	323521.29	86:21	57	27:26	1646
1172	Other Structure	Non-Participating	327209.81	325397.87	146:57	100	26:12	1572
1349	Other Structure	Non-Participating	318025.94	326293.06	83:14	48	24:59	1499
1352	Other Structure	Non-Participating	317483.34	327547.59	74:43	37	22:19	1339
1353	Uninhabitable Residence	Non-Participating	317445.26	327510.19	72:29	36	21:36	1296
2115	Other Structure	Non-Participating	320833.86	326112.17	68:34	44	21:30	1290
1162	Other Structure	Non-Participating	323271.75	324925.88	76:38	48	21:24	1284
1394	Other Structure	Non-Participating	320571.35	325988.92	64:30	46	21:05	1265
1127	Other Structure	Non-Participating	323892.51	326704.72	66:12	59	20:54	1254
2291	Other Structure	Non-Participating	320780.79	326136.43	64:19	41	20:08	1208
1126	Other Structure	Non-Participating	323881.70	326742.76	63:15	59	19:21	1161
1058	Other Structure	Non-Participating	326771.44	325364.16	79:59	45	17:42	1062
1131	Other Structure	Non-Participating	322882.40	326117.48	54:12	46	17:21	1041
1160	Other Structure	Non-Participating	323107.91	324885.25	58:07	50	16:15	975
1128	Other Structure	Non-Participating	323967.35	326704.37	51:04	53	16:02	962
1393	Other Structure	Non-Participating	320974.93	326062.30	48:00	53	14:59	899
1395	Other Structure	Non-Participating	320707.00	326260.82	49:22	53	14:28	868
620	Other Structure	Non-Participating	326649.95	325722.39	84:24	67	13:43	823
1350	Other Structure	Non-Participating	318007.03	326758.44	63:06	40	12:05	725
1362	Other Structure	Non-Participating	319914.74	329076.51	52:02	46	11:55	715
1351	Other Structure	Non-Participating	317830.57	326862.15	48:43	48	11:36	696
1363	Other Structure	Non-Participating	319950.57	328307.72	51:36	41	11:09	669
1123	Other Structure	Non-Participating	325323.70	325582.46	49:21	66	10:37	637
1047	Other Structure	Non-Participating	328487.87	324838.03	36:32	34	10:19	619
1358	Other Structure	Non-Participating	318279.50	329674.45	65:42	88	10:09	609
1356	Other Structure	Non-Participating	317248.23	329173.60	35:22	33	9:29	569
1130	Other Structure	Non-Participating	324323.73	325521.34	58:39	57	8:39	519
1361	Other Structure	Non-Participating	319775.99	329464.40	56:05	44	8:39	519
1062	Other Structure	Non-Participating	328096.09	325350.20	38:55	47	8:39	519
1854	Other Structure	Non-Participating	316794.89	328352.51	50:29	41	8:08	488
1048	Other Structure	Non-Participating	328548.19	324997.78	30:08	32	7:44	464
1387	Other Structure	Non-Participating	320994.33	327539.98	49:04	56	7:33	453
1046	Other Structure	Non-Participating	328568.33	325013.85	29:03	31	7:21	441
1360	Other Structure	Non-Participating	319121.20	329629.43	36:45	36	7:05	425
1132	Other Structure	Non-Participating	323089.76	325454.68	35:48	36	6:52	412

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2309	Other Structure	Non-Participating	315245.36	326638.79	21:42	27	6:51	411
2146	Uninhabitable Residence	Non-Participating	321296.68	324239.95	21:35	37	6:47	407
1133	Other Structure	Non-Participating	323114.97	325565.48	35:16	35	6:24	384
1359	Other Structure	Non-Participating	319039.03	329746.32	27:51	37	5:08	308
1134	Other Structure	Non-Participating	324362.59	323896.97	15:44	31	4:26	266
1121	Other Structure	Non-Participating	324342.93	327561.64	28:32	28	4:20	260
1158	Other Structure	Non-Participating	324390.06	323878.53	15:12	30	4:20	260
1136	Other Structure	Non-Participating	324417.97	323839.93	14:48	29	4:19	259
1135	Other Structure	Non-Participating	324442.51	323849.41	14:05	29	4:05	245
1137	Other Structure	Non-Participating	324361.51	323988.16	15:15	31	4:01	241
1159	Other Structure	Non-Participating	324387.15	323987.08	14:40	30	3:53	233
1364	Other Structure	Non-Participating	317668.43	327310.91	13:23	30	3:51	231
1386	Other Structure	Non-Participating	322467.53	327513.85	21:46	30	3:33	213
1385	Other Structure	Non-Participating	322485.59	327517.32	20:05	30	3:15	195
1050	Other Structure	Non-Participating	328658.47	325378.76	12:37	28	3:02	182
1332	Other Structure	Non-Participating	314635.73	327847.18	9:31	24	2:47	167
1327	Other Structure	Non-Participating	316879.42	329389.63	9:45	24	2:40	160
1051	Other Structure	Non-Participating	327116.80	323472.60	7:24	20	2:29	149
1125	Other Structure	Non-Participating	323751.58	327372.87	14:33	31	1:59	119
750	Uninhabitable Residence	Non-Participating	326658.78	325974.90	11:02	24	1:31	91
1389	Other Structure	Non-Participating	322047.05	327592.90	0:00	0	0:00	0
1329	Other Structure	Non-Participating	314783.24	328597.48	0:00	0	0:00	0
1328	Other Structure	Non-Participating	316758.86	329357.41	0:00	0	0:00	0
118	Other Structure	Non-Participating	327569.77	320414.73	0:00	0	0:00	0
412	Other Structure	Non-Participating	324040.99	321207.79	0:00	0	0:00	0
462	Other Structure	Non-Participating	329939.45	323374.80	0:00	0	0:00	0
481	Other Structure	Non-Participating	330069.15	325088.93	0:00	0	0:00	0
484	Uninhabitable Residence	Non-Participating	330020.52	325091.57	0:00	0	0:00	0
491	Uninhabitable Residence	Non-Participating	330035.16	325306.41	0:00	0	0:00	0
589	Other Structure	Non-Participating	329922.72	326463.19	0:00	0	0:00	0
602	Other Structure	Non-Participating	328697.73	327290.64	0:00	0	0:00	0
680	Other Structure	Non-Participating	324991.12	327110.03	0:00	0	0:00	0
695	Other Structure	Non-Participating	324019.12	325983.44	0:00	0	0:00	0
749	Uninhabitable Residence	Non-Participating	325427.50	322587.59	0:00	0	0:00	0
911	Other Structure	Non-Participating	325747.79	321829.83	0:00	0	0:00	0
912	Other Structure	Non-Participating	325960.03	322090.44	0:00	0	0:00	0
913	Other Structure	Non-Participating	325499.84	322229.46	0:00	0	0:00	0
914	Other Structure	Non-Participating	326295.10	322331.28	0:00	0	0:00	0
915	Other Structure	Non-Participating	326388.80	322259.82	0:00	0	0:00	0
916	Other Structure	Non-Participating	326429.68	322190.25	0:00	0	0:00	0
917	Other Structure	Non-Participating	326399.39	322105.37	0:00	0	0:00	0
918	Other Structure	Non-Participating	326563.95	322013.34	0:00	0	0:00	0

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Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
919	Other Structure	Non-Participating	326537.42	321888.32	0:00	0	0:00	0
920	Other Structure	Non-Participating	326174.55	321181.43	0:00	0	0:00	0
921	Other Structure	Non-Participating	326695.44	320839.11	0:00	0	0:00	0
922	Other Structure	Non-Participating	326433.16	320452.94	0:00	0	0:00	0
923	Other Structure	Non-Participating	326392.99	320462.32	0:00	0	0:00	0
924	Other Structure	Non-Participating	326312.09	320527.43	0:00	0	0:00	0
925	Other Structure	Non-Participating	326299.87	320512.13	0:00	0	0:00	0
926	Other Structure	Non-Participating	326433.12	320563.38	0:00	0	0:00	0
927	Other Structure	Non-Participating	326419.88	320541.47	0:00	0	0:00	0
928	Other Structure	Non-Participating	326720.68	320546.98	0:00	0	0:00	0
929	Other Structure	Non-Participating	326830.93	320538.82	0:00	0	0:00	0
930	Other Structure	Non-Participating	326792.98	320808.69	0:00	0	0:00	0
931	Other Structure	Non-Participating	326848.21	321346.14	0:00	0	0:00	0
932	Other Structure	Non-Participating	326780.51	321324.08	0:00	0	0:00	0
933	Other Structure	Non-Participating	326687.19	321466.29	0:00	0	0:00	0
934	Other Structure	Non-Participating	326712.29	321464.80	0:00	0	0:00	0
935	Other Structure	Non-Participating	327396.16	321276.88	0:00	0	0:00	0
936	Other Structure	Non-Participating	327362.15	320889.53	0:00	0	0:00	0
937	Other Structure	Non-Participating	327412.58	320667.15	0:00	0	0:00	0
938	Other Structure	Non-Participating	327449.21	320721.84	0:00	0	0:00	0
939	Other Structure	Non-Participating	327312.78	320545.75	0:00	0	0:00	0
941	Other Structure	Non-Participating	327390.99	320332.02	0:00	0	0:00	0
942	Other Structure	Non-Participating	327919.48	320363.21	0:00	0	0:00	0
943	Other Structure	Non-Participating	328257.65	320555.28	0:00	0	0:00	0
944	Other Structure	Non-Participating	328149.72	320630.22	0:00	0	0:00	0
945	Other Structure	Non-Participating	328309.79	320741.05	0:00	0	0:00	0
946	Other Structure	Non-Participating	328233.43	320990.58	0:00	0	0:00	0
947	Other Structure	Non-Participating	328235.42	321359.05	0:00	0	0:00	0
948	Other Structure	Non-Participating	328286.16	321910.65	0:00	0	0:00	0
949	Other Structure	Non-Participating	328288.12	322112.27	0:00	0	0:00	0
950	Other Structure	Non-Participating	328226.29	322129.06	0:00	0	0:00	0
951	Other Structure	Non-Participating	326739.25	322251.25	0:00	0	0:00	0
952	Other Structure	Non-Participating	326828.03	322230.17	0:00	0	0:00	0
953	Other Structure	Non-Participating	326827.94	322215.81	0:00	0	0:00	0
954	Other Structure	Non-Participating	326824.93	322048.39	0:00	0	0:00	0
955	Other Structure	Non-Participating	326714.74	322072.12	0:00	0	0:00	0
956	Other Structure	Non-Participating	326656.71	322061.58	0:00	0	0:00	0
957	Other Structure	Non-Participating	326693.96	322078.13	0:00	0	0:00	0
958	Other Structure	Non-Participating	326519.94	322211.94	0:00	0	0:00	0
959	Other Structure	Non-Participating	326630.13	322222.25	0:00	0	0:00	0
960	Other Structure	Non-Participating	326632.01	322281.28	0:00	0	0:00	0
961	Other Structure	Non-Participating	326633.24	322312.83	0:00	0	0:00	0

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Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
962	Other Structure	Non-Participating	326665.42	322305.33	0:00	0	0:00	0
965	Other Structure	Non-Participating	326196.23	322564.38	0:00	0	0:00	0
966	Other Structure	Non-Participating	326383.45	322524.57	0:00	0	0:00	0
967	Other Structure	Non-Participating	326324.75	322541.18	0:00	0	0:00	0
968	Other Structure	Non-Participating	326550.76	322425.15	0:00	0	0:00	0
970	Other Structure	Non-Participating	326730.97	322488.43	0:00	0	0:00	0
971	Other Structure	Non-Participating	326995.35	322437.26	0:00	0	0:00	0
972	Other Structure	Non-Participating	327041.02	322689.95	0:00	0	0:00	0
973	Other Structure	Non-Participating	327002.98	322848.57	0:00	0	0:00	0
974	Other Structure	Non-Participating	327078.81	323018.33	0:00	0	0:00	0
975	Other Structure	Non-Participating	327112.66	323288.45	0:00	0	0:00	0
976	Other Structure	Non-Participating	327115.74	322224.52	0:00	0	0:00	0
977	Other Structure	Non-Participating	327222.72	322271.45	0:00	0	0:00	0
978	Other Structure	Non-Participating	327125.55	322375.49	0:00	0	0:00	0
979	Other Structure	Non-Participating	327215.16	322375.70	0:00	0	0:00	0
980	Other Structure	Non-Participating	327276.94	322360.52	0:00	0	0:00	0
981	Other Structure	Non-Participating	327411.08	322406.05	0:00	0	0:00	0
982	Other Structure	Non-Participating	327465.45	322338.70	0:00	0	0:00	0
983	Other Structure	Non-Participating	327627.60	322413.81	0:00	0	0:00	0
984	Other Structure	Non-Participating	327790.78	322121.55	0:00	0	0:00	0
985	Other Structure	Non-Participating	327833.48	322215.18	0:00	0	0:00	0
986	Other Structure	Non-Participating	327788.28	322178.27	0:00	0	0:00	0
987	Other Structure	Non-Participating	328207.05	322302.38	0:00	0	0:00	0
988	Other Structure	Non-Participating	328602.70	322447.82	0:00	0	0:00	0
989	Other Structure	Non-Participating	329035.18	322249.44	0:00	0	0:00	0
990	Other Structure	Non-Participating	329252.46	322156.17	0:00	0	0:00	0
991	Other Structure	Non-Participating	329914.09	321570.03	0:00	0	0:00	0
992	Other Structure	Non-Participating	329968.23	321343.49	0:00	0	0:00	0
993	Other Structure	Non-Participating	325120.41	322599.65	0:00	0	0:00	0
994	Other Structure	Non-Participating	324446.37	322763.30	0:00	0	0:00	0
995	Other Structure	Non-Participating	324374.20	322447.69	0:00	0	0:00	0
996	Other Structure	Non-Participating	324339.02	322221.96	0:00	0	0:00	0
997	Other Structure	Non-Participating	324148.28	321742.60	0:00	0	0:00	0
999	Other Structure	Non-Participating	324301.43	321524.92	0:00	0	0:00	0
1000	Other Structure	Non-Participating	324271.58	321564.88	0:00	0	0:00	0
1001	Other Structure	Non-Participating	324229.01	321561.68	0:00	0	0:00	0
1002	Other Structure	Non-Participating	324338.95	321479.73	0:00	0	0:00	0
1004	Other Structure	Non-Participating	323941.87	321372.15	0:00	0	0:00	0
1005	Other Structure	Non-Participating	325147.48	321608.38	0:00	0	0:00	0
1006	Other Structure	Non-Participating	324722.36	321815.03	0:00	0	0:00	0
1007	Other Structure	Non-Participating	325728.29	321416.90	0:00	0	0:00	0
1008	Other Structure	Non-Participating	324178.87	322397.91	0:00	0	0:00	0

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			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1009	Other Structure	Non-Participating	323718.82	322666.55	0:00	0	0:00	0
1010	Other Structure	Non-Participating	323730.40	322622.06	0:00	0	0:00	0
1011	Other Structure	Non-Participating	323958.93	323146.08	0:00	0	0:00	0
1012	Other Structure	Non-Participating	324001.40	322885.14	0:00	0	0:00	0
1013	Other Structure	Non-Participating	323766.56	323030.05	0:00	0	0:00	0
1014	Other Structure	Non-Participating	323889.82	323141.21	0:00	0	0:00	0
1015	Other Structure	Non-Participating	323840.09	323165.41	0:00	0	0:00	0
1016	Other Structure	Non-Participating	323567.31	323030.20	0:00	0	0:00	0
1020	Other Structure	Non-Participating	329973.81	321926.85	0:00	0	0:00	0
1021	Other Structure	Non-Participating	329911.73	322977.07	0:00	0	0:00	0
1022	Other Structure	Non-Participating	329829.87	322944.56	0:00	0	0:00	0
1023	Other Structure	Non-Participating	330306.05	323247.13	0:00	0	0:00	0
1024	Other Structure	Non-Participating	330322.99	323252.16	0:00	0	0:00	0
1026	Other Structure	Non-Participating	330023.95	323915.34	0:00	0	0:00	0
1027	Other Structure	Non-Participating	329976.66	323989.52	0:00	0	0:00	0
1028	Other Structure	Non-Participating	330015.41	325006.53	0:00	0	0:00	0
1029	Other Structure	Non-Participating	330021.35	325107.16	0:00	0	0:00	0
1030	Other Structure	Non-Participating	330000.97	325150.51	0:00	0	0:00	0
1031	Other Structure	Non-Participating	329998.76	325266.03	0:00	0	0:00	0
1032	Other Structure	Non-Participating	330083.43	325328.10	0:00	0	0:00	0
1033	Other Structure	Non-Participating	330162.79	325409.00	0:00	0	0:00	0
1034	Other Structure	Non-Participating	330097.74	325547.50	0:00	0	0:00	0
1035	Other Structure	Non-Participating	330164.32	325727.51	0:00	0	0:00	0
1036	Other Structure	Non-Participating	330665.24	326426.28	0:00	0	0:00	0
1037	Other Structure	Non-Participating	330197.33	325127.39	0:00	0	0:00	0
1038	Other Structure	Non-Participating	330594.93	325074.13	0:00	0	0:00	0
1039	Other Structure	Non-Participating	330604.94	324953.69	0:00	0	0:00	0
1040	Other Structure	Non-Participating	331068.24	325078.89	0:00	0	0:00	0
1041	Other Structure	Non-Participating	331033.86	324866.56	0:00	0	0:00	0
1042	Other Structure	Non-Participating	329945.40	323560.42	0:00	0	0:00	0
1043	Other Structure	Non-Participating	329311.77	323906.07	0:00	0	0:00	0
1044	Other Structure	Non-Participating	329797.34	325002.99	0:00	0	0:00	0
1045	Other Structure	Non-Participating	329873.77	324933.14	0:00	0	0:00	0
1052	Other Structure	Non-Participating	326987.84	323478.50	0:00	0	0:00	0
1063	Other Structure	Non-Participating	327897.56	325767.53	0:00	0	0:00	0
1064	Other Structure	Non-Participating	328026.71	326100.95	0:00	0	0:00	0
1065	Other Structure	Non-Participating	327522.50	326326.75	0:00	0	0:00	0
1066	Other Structure	Non-Participating	327019.84	326783.77	0:00	0	0:00	0
1067	Other Structure	Non-Participating	327016.51	326842.12	0:00	0	0:00	0
1068	Other Structure	Non-Participating	326579.85	326875.91	0:00	0	0:00	0
1069	Other Structure	Non-Participating	326457.74	326912.81	0:00	0	0:00	0
1070	Other Structure	Non-Participating	326827.72	327124.85	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1071	Other Structure	Non-Participating	326671.04	327339.74	0:00	0	0:00	0
1072	Other Structure	Non-Participating	326851.00	327525.88	0:00	0	0:00	0
1073	Other Structure	Non-Participating	328550.01	322612.44	0:00	0	0:00	0
1074	Other Structure	Non-Participating	328499.86	322743.78	0:00	0	0:00	0
1075	Other Structure	Non-Participating	328582.36	322871.75	0:00	0	0:00	0
1076	Other Structure	Non-Participating	328465.75	323063.51	0:00	0	0:00	0
1077	Other Structure	Non-Participating	330076.16	326323.82	0:00	0	0:00	0
1078	Other Structure	Non-Participating	329857.22	326326.74	0:00	0	0:00	0
1079	Other Structure	Non-Participating	329661.00	326892.42	0:00	0	0:00	0
1080	Other Structure	Non-Participating	329781.42	327276.00	0:00	0	0:00	0
1081	Other Structure	Non-Participating	329670.12	327432.08	0:00	0	0:00	0
1082	Other Structure	Non-Participating	329769.86	327548.61	0:00	0	0:00	0
1084	Other Structure	Non-Participating	327890.07	327531.14	0:00	0	0:00	0
1085	Other Structure	Non-Participating	327745.99	327175.04	0:00	0	0:00	0
1086	Other Structure	Non-Participating	327712.03	327144.66	0:00	0	0:00	0
1087	Other Structure	Non-Participating	327403.30	326820.12	0:00	0	0:00	0
1088	Other Structure	Non-Participating	326599.31	326178.73	0:00	0	0:00	0
1089	Other Structure	Non-Participating	326398.66	326636.40	0:00	0	0:00	0
1090	Other Structure	Non-Participating	326339.69	326934.82	0:00	0	0:00	0
1093	Other Structure	Non-Participating	325895.39	326973.96	0:00	0	0:00	0
1094	Other Structure	Non-Participating	325744.51	327209.49	0:00	0	0:00	0
1095	Other Structure	Non-Participating	325742.99	327549.78	0:00	0	0:00	0
1096	Other Structure	Non-Participating	325606.79	328054.27	0:00	0	0:00	0
1097	Other Structure	Non-Participating	325665.49	328119.62	0:00	0	0:00	0
1098	Other Structure	Non-Participating	325679.50	328218.76	0:00	0	0:00	0
1099	Other Structure	Non-Participating	325753.53	328312.85	0:00	0	0:00	0
1100	Other Structure	Non-Participating	325765.49	328284.83	0:00	0	0:00	0
1101	Other Structure	Non-Participating	325750.43	328267.35	0:00	0	0:00	0
1102	Other Structure	Non-Participating	325463.26	326968.72	0:00	0	0:00	0
1103	Other Structure	Non-Participating	325665.82	328395.13	0:00	0	0:00	0
1104	Other Structure	Non-Participating	325628.64	328532.60	0:00	0	0:00	0
1105	Other Structure	Non-Participating	326366.82	328532.77	0:00	0	0:00	0
1106	Other Structure	Non-Participating	326866.25	328429.98	0:00	0	0:00	0
1107	Other Structure	Non-Participating	326870.82	328466.60	0:00	0	0:00	0
1108	Other Structure	Non-Participating	326022.61	325718.83	0:00	0	0:00	0
1109	Other Structure	Non-Participating	325639.01	326011.45	0:00	0	0:00	0
1110	Other Structure	Non-Participating	325723.58	326051.31	0:00	0	0:00	0
1111	Other Structure	Non-Participating	325729.76	326112.44	0:00	0	0:00	0
1112	Other Structure	Non-Participating	325741.40	326218.44	0:00	0	0:00	0
1113	Other Structure	Non-Participating	325644.77	326799.79	0:00	0	0:00	0
1114	Other Structure	Non-Participating	325254.34	326799.37	0:00	0	0:00	0
1115	Other Structure	Non-Participating	325240.75	326892.41	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1116	Other Structure	Non-Participating	325367.16	326963.48	0:00	0	0:00	0
1117	Other Structure	Non-Participating	324636.50	328365.31	0:00	0	0:00	0
1118	Other Structure	Non-Participating	323920.13	328066.70	0:00	0	0:00	0
1119	Other Structure	Non-Participating	324098.99	327992.87	0:00	0	0:00	0
1120	Other Structure	Non-Participating	324300.97	327935.49	0:00	0	0:00	0
1124	Other Structure	Non-Participating	323667.05	327394.95	0:00	0	0:00	0
1142	Other Structure	Non-Participating	325531.74	326674.47	0:00	0	0:00	0
1143	Other Structure	Non-Participating	328104.06	320425.18	0:00	0	0:00	0
1149	Other Structure	Non-Participating	329968.54	325124.57	0:00	0	0:00	0
1151	Other Structure	Non-Participating	330048.73	326332.33	0:00	0	0:00	0
1154	Other Structure	Non-Participating	325855.64	326639.69	0:00	0	0:00	0
1155	Other Structure	Non-Participating	325009.86	326305.83	0:00	0	0:00	0
1170	Uninhabitable Residence	Non-Participating	329676.46	327804.52	0:00	0	0:00	0
1180	Other Structure	Non-Participating	323341.35	322399.75	0:00	0	0:00	0
1181	Other Structure	Non-Participating	326889.51	320634.53	0:00	0	0:00	0
1182	Other Structure	Non-Participating	326888.51	320657.54	0:00	0	0:00	0
1204	Other Structure	Non-Participating	315578.61	331517.42	0:00	0	0:00	0
1286	Other Structure	Non-Participating	322378.49	323100.70	0:00	0	0:00	0
1302	Other Structure	Non-Participating	313003.01	327003.84	0:00	0	0:00	0
1303	Other Structure	Non-Participating	314724.48	331396.45	0:00	0	0:00	0
1304	Other Structure	Non-Participating	314236.77	327373.63	0:00	0	0:00	0
1305	Other Structure	Non-Participating	313962.55	327631.86	0:00	0	0:00	0
1306	Other Structure	Non-Participating	313478.52	328774.88	0:00	0	0:00	0
1307	Other Structure	Non-Participating	314359.62	330014.40	0:00	0	0:00	0
1308	Other Structure	Non-Participating	315753.64	332138.16	0:00	0	0:00	0
1309	Other Structure	Non-Participating	317146.03	332061.13	0:00	0	0:00	0
1310	Other Structure	Non-Participating	318050.11	332095.73	0:00	0	0:00	0
1311	Other Structure	Non-Participating	318861.46	332982.28	0:00	0	0:00	0
1312	Other Structure	Non-Participating	318701.47	333470.70	0:00	0	0:00	0
1313	Other Structure	Non-Participating	318830.31	333476.40	0:00	0	0:00	0
1314	Other Structure	Non-Participating	319219.03	333313.90	0:00	0	0:00	0
1315	Other Structure	Non-Participating	319558.52	333306.26	0:00	0	0:00	0
1316	Other Structure	Non-Participating	317317.04	333551.41	0:00	0	0:00	0
1317	Other Structure	Non-Participating	318928.89	332985.76	0:00	0	0:00	0
1318	Other Structure	Non-Participating	318940.58	332181.83	0:00	0	0:00	0
1319	Other Structure	Non-Participating	319002.13	332103.01	0:00	0	0:00	0
1320	Other Structure	Non-Participating	318928.16	331682.94	0:00	0	0:00	0
1321	Other Structure	Non-Participating	318457.26	331635.95	0:00	0	0:00	0
1322	Other Structure	Non-Participating	318283.85	331698.53	0:00	0	0:00	0
1323	Other Structure	Non-Participating	316854.34	330952.33	0:00	0	0:00	0
1324	Other Structure	Non-Participating	316842.78	330513.60	0:00	0	0:00	0
1325	Other Structure	Non-Participating	315338.46	330221.76	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1326	Other Structure	Non-Participating	315769.32	330184.48	0:00	0	0:00	0
1330	Other Structure	Non-Participating	314820.52	328833.90	0:00	0	0:00	0
1331	Other Structure	Non-Participating	314731.75	328934.19	0:00	0	0:00	0
1333	Other Structure	Non-Participating	315252.38	325610.21	0:00	0	0:00	0
1334	Other Structure	Non-Participating	315252.83	324271.48	0:00	0	0:00	0
1335	Other Structure	Non-Participating	315888.75	324226.64	0:00	0	0:00	0
1336	Other Structure	Non-Participating	315942.67	324199.68	0:00	0	0:00	0
1337	Other Structure	Non-Participating	315832.35	324123.20	0:00	0	0:00	0
1338	Other Structure	Non-Participating	315751.58	323624.11	0:00	0	0:00	0
1339	Other Structure	Non-Participating	316078.36	323937.35	0:00	0	0:00	0
1340	Other Structure	Non-Participating	316142.51	323662.02	0:00	0	0:00	0
1341	Other Structure	Non-Participating	316235.27	323668.24	0:00	0	0:00	0
1342	Other Structure	Non-Participating	316592.95	323519.61	0:00	0	0:00	0
1343	Other Structure	Non-Participating	315928.09	324319.75	0:00	0	0:00	0
1344	Other Structure	Non-Participating	316204.61	324208.18	0:00	0	0:00	0
1345	Other Structure	Non-Participating	318285.87	324060.86	0:00	0	0:00	0
1346	Other Structure	Non-Participating	318330.71	323924.89	0:00	0	0:00	0
1347	Other Structure	Non-Participating	317924.80	323615.41	0:00	0	0:00	0
1366	Other Structure	Non-Participating	320578.83	331496.39	0:00	0	0:00	0
1367	Other Structure	Non-Participating	320240.75	331397.70	0:00	0	0:00	0
1368	Other Structure	Non-Participating	319933.28	332566.55	0:00	0	0:00	0
1369	Other Structure	Non-Participating	321023.01	331014.06	0:00	0	0:00	0
1370	Other Structure	Non-Participating	321929.28	329227.03	0:00	0	0:00	0
1371	Other Structure	Non-Participating	322288.73	329298.61	0:00	0	0:00	0
1372	Other Structure	Non-Participating	323180.50	329372.93	0:00	0	0:00	0
1373	Other Structure	Non-Participating	322775.23	330114.71	0:00	0	0:00	0
1374	Other Structure	Non-Participating	322703.97	330871.45	0:00	0	0:00	0
1375	Other Structure	Non-Participating	323270.92	329761.67	0:00	0	0:00	0
1376	Other Structure	Non-Participating	323329.15	329708.23	0:00	0	0:00	0
1377	Other Structure	Non-Participating	323498.59	329812.09	0:00	0	0:00	0
1378	Other Structure	Non-Participating	323290.46	329840.43	0:00	0	0:00	0
1379	Other Structure	Non-Participating	324572.39	329653.98	0:00	0	0:00	0
1380	Other Structure	Non-Participating	323764.61	329463.24	0:00	0	0:00	0
1381	Other Structure	Non-Participating	324000.09	329100.09	0:00	0	0:00	0
1382	Other Structure	Non-Participating	323469.68	328122.91	0:00	0	0:00	0
1383	Other Structure	Non-Participating	323305.27	328251.07	0:00	0	0:00	0
1384	Other Structure	Non-Participating	322996.15	329319.66	0:00	0	0:00	0
1388	Other Structure	Non-Participating	321924.39	327555.91	0:00	0	0:00	0
1390	Other Structure	Non-Participating	322378.05	327831.14	0:00	0	0:00	0
1396	Other Structure	Non-Participating	321561.34	325443.95	0:00	0	0:00	0
1398	Other Structure	Non-Participating	319828.35	325368.69	0:00	0	0:00	0
1399	Other Structure	Non-Participating	319408.77	323882.38	0:00	0	0:00	0



Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1400	Other Structure	Non-Participating	319369.46	323944.70	0:00	0	0:00	0
1401	Other Structure	Non-Participating	319340.92	323904.95	0:00	0	0:00	0
1402	Other Structure	Non-Participating	319610.74	323757.30	0:00	0	0:00	0
1403	Other Structure	Non-Participating	319775.51	323580.80	0:00	0	0:00	0
1404	Other Structure	Non-Participating	319084.50	322427.86	0:00	0	0:00	0
1405	Other Structure	Non-Participating	319110.58	322696.95	0:00	0	0:00	0
1407	Other Structure	Non-Participating	320562.51	322376.65	0:00	0	0:00	0
1408	Other Structure	Non-Participating	321285.77	322609.63	0:00	0	0:00	0
1420	Other Structure	Non-Participating	314397.28	329980.92	0:00	0	0:00	0
1424	Other Structure	Non-Participating	316379.15	328938.57	0:00	0	0:00	0
1435	Uninhabitable Residence	Non-Participating	323164.68	329684.71	0:00	0	0:00	0
1436	Uninhabitable Residence	Non-Participating	323216.50	329943.53	0:00	0	0:00	0
1437	Uninhabitable Residence	Non-Participating	320795.04	323737.37	0:00	0	0:00	0
1495	Uninhabitable Residence	Non-Participating	313666.97	328664.44	0:00	0	0:00	0
1518	Other Structure	Non-Participating	314311.74	330093.18	0:00	0	0:00	0
1560	Uninhabitable Residence	Non-Participating	318770.01	333472.83	0:00	0	0:00	0
1591	Other Structure	Non-Participating	316752.13	330029.39	0:00	0	0:00	0
1594	Other Structure	Non-Participating	315955.43	329955.99	0:00	0	0:00	0
1596	Other Structure	Non-Participating	315780.10	330089.50	0:00	0	0:00	0
1663	Other Structure	Non-Participating	315191.09	325642.82	0:00	0	0:00	0
1798	Other Structure	Non-Participating	318265.60	324749.32	0:00	0	0:00	0
1923	Other Structure	Non-Participating	320514.55	330716.65	0:00	0	0:00	0
1924	Uninhabitable Residence	Non-Participating	320473.96	330853.12	0:00	0	0:00	0
1951	Uninhabitable Residence	Non-Participating	320317.19	331577.43	0:00	0	0:00	0
1972	Uninhabitable Residence	Non-Participating	323048.61	329386.03	0:00	0	0:00	0
2017	Uninhabitable Residence	Non-Participating	323350.10	329873.49	0:00	0	0:00	0
2025	Uninhabitable Residence	Non-Participating	323147.65	329856.55	0:00	0	0:00	0
2035	Other Structure	Non-Participating	323505.03	330037.11	0:00	0	0:00	0
2070	Uninhabitable Residence	Non-Participating	323188.70	328677.66	0:00	0	0:00	0
2123	Other Structure	Non-Participating	320035.74	325178.46	0:00	0	0:00	0
2145	Uninhabitable Residence	Non-Participating	321305.89	324003.25	0:00	0	0:00	0
2205	Other Structure	Non-Participating	317703.22	322971.96	0:00	0	0:00	0
2207	Other Structure	Non-Participating	317058.07	322752.09	0:00	0	0:00	0
2209	Other Structure	Non-Participating	319843.13	322657.14	0:00	0	0:00	0
2211	Other Structure	Non-Participating	320289.45	322217.39	0:00	0	0:00	0
2212	Other Structure	Non-Participating	318987.54	322594.00	0:00	0	0:00	0
2214	Other Structure	Non-Participating	321418.73	322722.89	0:00	0	0:00	0
2215	Other Structure	Non-Participating	319010.06	322564.76	0:00	0	0:00	0
2218	Other Structure	Non-Participating	315662.22	322967.73	0:00	0	0:00	0
2219	Other Structure	Non-Participating	321413.78	322721.42	0:00	0	0:00	0
2220	Other Structure	Non-Participating	317067.96	322775.05	0:00	0	0:00	0
2221	Other Structure	Non-Participating	319476.95	322635.90	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2222	Other Structure	Non-Participating	320050.92	322098.04	0:00	0	0:00	0
2223	Other Structure	Non-Participating	317340.93	323389.67	0:00	0	0:00	0
2224	Other Structure	Non-Participating	315711.98	323081.80	0:00	0	0:00	0
2225	Other Structure	Non-Participating	320647.91	322381.46	0:00	0	0:00	0
2226	Other Structure	Non-Participating	319656.17	322701.60	0:00	0	0:00	0
2227	Other Structure	Non-Participating	315593.95	323354.67	0:00	0	0:00	0
2228	Other Structure	Non-Participating	315896.91	324200.07	0:00	0	0:00	0
2231	Other Structure	Non-Participating	322305.25	321259.93	0:00	0	0:00	0
2232	Other Structure	Non-Participating	323657.16	320828.94	0:00	0	0:00	0
2233	Other Structure	Non-Participating	320154.78	322581.04	0:00	0	0:00	0
2234	Other Structure	Non-Participating	321055.55	322623.34	0:00	0	0:00	0
2235	Other Structure	Non-Participating	321579.55	322766.04	0:00	0	0:00	0
2236	Other Structure	Non-Participating	316996.72	322864.03	0:00	0	0:00	0
2237	Other Structure	Non-Participating	319687.26	322630.79	0:00	0	0:00	0
2238	Other Structure	Non-Participating	322327.98	321131.09	0:00	0	0:00	0
2239	Other Structure	Non-Participating	315608.16	323422.04	0:00	0	0:00	0
2241	Other Structure	Non-Participating	320864.63	322486.69	0:00	0	0:00	0
2242	Other Structure	Non-Participating	322360.26	321455.91	0:00	0	0:00	0
2244	Other Structure	Non-Participating	315691.63	323065.30	0:00	0	0:00	0
2245	Other Structure	Non-Participating	320140.82	322597.03	0:00	0	0:00	0
2246	Other Structure	Non-Participating	320049.57	322080.52	0:00	0	0:00	0
2247	Other Structure	Non-Participating	318127.33	322688.93	0:00	0	0:00	0
2248	Other Structure	Non-Participating	317000.80	322821.30	0:00	0	0:00	0
2249	Other Structure	Non-Participating	317501.17	323331.39	0:00	0	0:00	0
2250	Other Structure	Non-Participating	320284.65	322219.83	0:00	0	0:00	0
2252	Other Structure	Non-Participating	314311.30	323836.85	0:00	0	0:00	0
2253	Other Structure	Non-Participating	321448.05	322679.46	0:00	0	0:00	0
2254	Other Structure	Non-Participating	322454.19	321494.32	0:00	0	0:00	0
2255	Other Structure	Non-Participating	322788.16	320590.09	0:00	0	0:00	0
2256	Other Structure	Non-Participating	321506.83	322735.91	0:00	0	0:00	0
2259	Other Structure	Non-Participating	319480.80	322537.90	0:00	0	0:00	0
2260	Other Structure	Non-Participating	315825.24	323999.20	0:00	0	0:00	0
2261	Other Structure	Non-Participating	319734.70	322582.16	0:00	0	0:00	0
2262	Other Structure	Non-Participating	320005.93	322720.19	0:00	0	0:00	0
2263	Other Structure	Non-Participating	323644.09	320846.32	0:00	0	0:00	0
2264	Other Structure	Non-Participating	315589.26	323539.59	0:00	0	0:00	0
2265	Other Structure	Non-Participating	319101.18	322547.51	0:00	0	0:00	0
2266	Other Structure	Non-Participating	314015.93	324412.05	0:00	0	0:00	0
2267	Other Structure	Non-Participating	315834.15	324000.79	0:00	0	0:00	0
2268	Other Structure	Non-Participating	321670.28	322746.73	0:00	0	0:00	0
2269	Other Structure	Non-Participating	319813.07	322633.01	0:00	0	0:00	0
2271	Other Structure	Non-Participating	321518.86	322735.63	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2274	Other Structure	Non-Participating	320123.08	322442.56	0:00	0	0:00	0
2275	Other Structure	Non-Participating	320622.75	322395.61	0:00	0	0:00	0
2276	Other Structure	Non-Participating	317639.38	322691.29	0:00	0	0:00	0
2277	Other Structure	Non-Participating	319527.20	322513.06	0:00	0	0:00	0
2279	Other Structure	Non-Participating	315815.59	324151.20	0:00	0	0:00	0
2280	Other Structure	Non-Participating	314356.99	324372.35	0:00	0	0:00	0
2281	Other Structure	Non-Participating	323007.40	320666.72	0:00	0	0:00	0
2283	Other Structure	Non-Participating	320698.38	322515.38	0:00	0	0:00	0
2284	Other Structure	Non-Participating	319080.34	322576.24	0:00	0	0:00	0
2287	Other Structure	Non-Participating	319349.55	323904.91	0:00	0	0:00	0
2299	Uninhabitable Residence	Non-Participating	318489.23	333474.94	0:00	0	0:00	0
2303	Other Structure	Non-Participating	322825.06	330139.69	0:00	0	0:00	0
2305	Other Structure	Non-Participating	315298.19	331494.85	0:00	0	0:00	0
2313	Other Structure	Non-Participating	314837.21	330359.69	0:00	0	0:00	0
2314	Other Structure	Non-Participating	317450.15	323827.68	0:00	0	0:00	0
2315	Other Structure	Non-Participating	317494.63	323738.77	0:00	0	0:00	0
2316	Other Structure	Non-Participating	317498.91	323727.25	0:00	0	0:00	0
2317	Other Structure	Non-Participating	317528.86	323754.60	0:00	0	0:00	0
2318	Other Structure	Non-Participating	315993.28	324226.41	0:00	0	0:00	0
2319	Other Structure	Non-Participating	315970.96	324225.32	0:00	0	0:00	0
2320	Other Structure	Non-Participating	316133.42	324212.00	0:00	0	0:00	0
2321	Other Structure	Non-Participating	316164.61	324281.24	0:00	0	0:00	0
2322	Other Structure	Non-Participating	316151.82	324289.84	0:00	0	0:00	0
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Other Receptors								
<b>1018</b>	<b>Other Structure</b>	<b>Non-Participating</b>	<b>322768.96</b>	<b>323596.52</b>	<b>123:06</b>	<b>69</b>	<b>38:57</b>	<b>2337</b>
<b>1389</b>	<b>Other Structure</b>	<b>Non-Participating</b>	<b>322047.05</b>	<b>327592.90</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-1.m: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0
707	Other Structure	Participating	323572.23	324755.20	55:22	54	14:30	870
1053	Other Structure	Participating	326779.34	323994.06	96:12	56	29:47	1787
1054	Other Structure	Participating	326890.60	324140.60	157:50	75	47:51	2871
1055	Other Structure	Participating	326833.84	324582.29	163:25	64	37:04	2224
1056	Other Structure	Participating	326765.97	324596.30	175:36	58	43:49	2629
1057	Other Structure	Participating	326699.29	324617.22	182:11	64	49:21	2961
1138	Other Structure	Participating	322569.89	325206.55	53:40	39	9:10	550
1139	Other Structure	Participating	323024.33	325025.50	50:32	52	12:53	773
1140	Other Structure	Participating	323002.26	324993.56	49:52	54	12:57	777
1141	Other Structure	Participating	323039.52	324978.30	52:01	53	13:42	822
1161	Other Structure	Participating	323275.69	324990.73	75:00	48	19:54	1194
1391	Other Structure	Participating	321500.12	326342.74	62:11	50	17:52	1072
1392	Other Structure	Participating	321496.88	326287.98	70:25	51	21:12	1272
1397	Other Structure	Participating	322548.01	325197.20	54:17	40	9:14	554
1429	Uninhabitable Residence	Participating	317886.55	328175.99	102:18	73	25:56	1556
2086	Other Structure	Participating	322663.70	326721.51	126:22	94	29:57	1797
2292	Other Structure	Participating	317835.45	326202.77	103:25	66	30:32	1832
2328	Other Structure	Participating	316592.56	326974.92	61:21	49	12:05	725
2331	Other Structure	Participating	318820.70	328960.73	220:02	111	61:30	3690
Summary of Maximum and Minimum Shadow Flicker for Participating Other Receptors								
<b>2331</b>	<b>Other Structure</b>	<b>Participating</b>	<b>318820.70</b>	<b>328960.73</b>	<b>220:02</b>	<b>111</b>	<b>61:30</b>	<b>3690</b>
<b>450</b>	<b>Other Structure</b>	<b>Participating</b>	<b>323252.83</b>	<b>323325.13</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-1.n: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2331	Other Structure	Participating	318820.70	328960.73	220:02	111	61:30	3690
1057	Other Structure	Participating	326699.29	324617.22	182:11	64	49:21	2961
1054	Other Structure	Participating	326890.60	324140.60	157:50	75	47:51	2871
1056	Other Structure	Participating	326765.97	324596.30	175:36	58	43:49	2629
1055	Other Structure	Participating	326833.84	324582.29	163:25	64	37:04	2224
2292	Other Structure	Participating	317835.45	326202.77	103:25	66	30:32	1832
2086	Other Structure	Participating	322663.70	326721.51	126:22	94	29:57	1797
1053	Other Structure	Participating	326779.34	323994.06	96:12	56	29:47	1787
1429	Uninhabitable Residence	Participating	317886.55	328175.99	102:18	73	25:56	1556
1392	Other Structure	Participating	321496.88	326287.98	70:25	51	21:12	1272
1161	Other Structure	Participating	323275.69	324990.73	75:00	48	19:54	1194
1391	Other Structure	Participating	321500.12	326342.74	62:11	50	17:52	1072
707	Other Structure	Participating	323572.23	324755.20	55:22	54	14:30	870
1141	Other Structure	Participating	323039.52	324978.30	52:01	53	13:42	822
1140	Other Structure	Participating	323002.26	324993.56	49:52	54	12:57	777
1139	Other Structure	Participating	323024.33	325025.50	50:32	52	12:53	773
2328	Other Structure	Participating	316592.56	326974.92	61:21	49	12:05	725
1397	Other Structure	Participating	322548.01	325197.20	54:17	40	9:14	554
1138	Other Structure	Participating	322569.89	325206.55	53:40	39	9:10	550
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Other Receptors								
<b>2331</b>	<b>Other Structure</b>	<b>Participating</b>	<b>318820.70</b>	<b>328960.73</b>	<b>220:02</b>	<b>111</b>	<b>61:30</b>	<b>3690</b>
<b>450</b>	<b>Other Structure</b>	<b>Participating</b>	<b>323252.83</b>	<b>323325.13</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-1.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0
752	Institutional Structure	Non-Participating	326598.11	321723.67	0:00	0	0:00	0
753	Institutional Structure	Non-Participating	326613.84	321752.77	0:00	0	0:00	0
754	Institutional Structure	Non-Participating	326618.79	321616.43	0:00	0	0:00	0
755	Institutional Structure	Non-Participating	326589.98	321656.57	0:00	0	0:00	0
756	Institutional Structure	Non-Participating	326564.38	321654.53	0:00	0	0:00	0
757	Institutional Structure	Non-Participating	326596.02	321586.60	0:00	0	0:00	0
758	Institutional Structure	Non-Participating	326623.24	321565.50	0:00	0	0:00	0
759	Institutional Structure	Non-Participating	326798.25	321543.40	0:00	0	0:00	0
760	Institutional Structure	Non-Participating	326760.18	321454.92	0:00	0	0:00	0
761	Institutional Structure	Non-Participating	326701.75	321565.69	0:00	0	0:00	0
762	Institutional Structure	Non-Participating	326673.45	321531.69	0:00	0	0:00	0
763	Institutional Structure	Non-Participating	326901.13	321538.15	0:00	0	0:00	0
764	Institutional Structure	Non-Participating	326834.36	321398.28	0:00	0	0:00	0
765	Institutional Structure	Non-Participating	327100.23	321344.02	0:00	0	0:00	0
766	Institutional Structure	Non-Participating	327087.21	321511.41	0:00	0	0:00	0
767	Institutional Structure	Non-Participating	327051.80	321624.76	0:00	0	0:00	0
768	Institutional Structure	Non-Participating	327029.55	321706.30	0:00	0	0:00	0
769	Institutional Structure	Non-Participating	327286.72	321632.83	0:00	0	0:00	0
770	Institutional Structure	Non-Participating	326692.24	321996.52	0:00	0	0:00	0
771	Institutional Structure	Non-Participating	327003.37	321818.98	0:00	0	0:00	0
772	Institutional Structure	Non-Participating	327063.02	321775.07	0:00	0	0:00	0
773	Institutional Structure	Non-Participating	327084.35	321815.47	0:00	0	0:00	0
774	Institutional Structure	Non-Participating	326974.23	321894.22	0:00	0	0:00	0
775	Institutional Structure	Non-Participating	326976.43	321971.91	0:00	0	0:00	0
776	Institutional Structure	Non-Participating	326927.65	322036.24	0:00	0	0:00	0
777	Institutional Structure	Non-Participating	327032.06	322056.30	0:00	0	0:00	0
778	Institutional Structure	Non-Participating	327031.01	322122.27	0:00	0	0:00	0
779	Institutional Structure	Non-Participating	326887.89	322211.67	0:00	0	0:00	0
780	Institutional Structure	Non-Participating	326992.09	322280.69	0:00	0	0:00	0
781	Institutional Structure	Non-Participating	326928.32	322296.76	0:00	0	0:00	0
782	Institutional Structure	Non-Participating	326903.79	322305.84	0:00	0	0:00	0
783	Institutional Structure	Non-Participating	326925.87	322121.48	0:00	0	0:00	0
784	Institutional Structure	Non-Participating	326766.88	322318.91	0:00	0	0:00	0
785	Institutional Structure	Non-Participating	326528.49	322292.14	0:00	0	0:00	0
787	Institutional Structure	Non-Participating	326364.70	322416.29	0:00	0	0:00	0
788	Institutional Structure	Non-Participating	326540.00	322397.40	0:00	0	0:00	0
789	Institutional Structure	Non-Participating	326397.84	322532.17	0:00	0	0:00	0
790	Institutional Structure	Non-Participating	326367.57	322592.43	0:00	0	0:00	0
791	Institutional Structure	Non-Participating	326316.09	322606.67	0:00	0	0:00	0
792	Institutional Structure	Non-Participating	326088.51	322986.36	0:00	0	0:00	0
793	Institutional Structure	Non-Participating	325982.02	322971.49	0:00	0	0:00	0

Table B-1.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
794	Institutional Structure	Non-Participating	325926.09	322989.02	0:00	0	0:00	0
795	Institutional Structure	Non-Participating	326953.44	322387.37	0:00	0	0:00	0
796	Institutional Structure	Non-Participating	327251.12	322318.82	0:00	0	0:00	0
797	Institutional Structure	Non-Participating	325662.43	327220.47	0:00	0	0:00	0
798	Institutional Structure	Non-Participating	325390.01	327360.59	0:00	0	0:00	0
799	Institutional Structure	Non-Participating	326904.24	321787.37	0:00	0	0:00	0
800	Institutional Structure	Non-Participating	325623.37	327287.76	0:00	0	0:00	0
897	Public Structure	Non-Participating	326518.73	322018.50	0:00	0	0:00	0
899	Public Structure	Non-Participating	327353.35	321189.97	0:00	0	0:00	0
900	Public Structure	Non-Participating	327307.02	321232.57	0:00	0	0:00	0
901	Public Structure	Non-Participating	327420.46	320737.79	0:00	0	0:00	0
902	Public Structure	Non-Participating	326003.51	322594.76	0:00	0	0:00	0
903	Public Structure	Non-Participating	326212.43	322681.19	0:00	0	0:00	0
904	Public Structure	Non-Participating	326002.69	323272.01	0:00	0	0:00	0
905	Public Structure	Non-Participating	326820.18	322383.87	0:00	0	0:00	0
906	Public Structure	Non-Participating	326872.15	322362.33	0:00	0	0:00	0
907	Public Structure	Non-Participating	330033.99	325044.25	0:00	0	0:00	0
910	Public Structure	Non-Participating	325503.34	327956.06	0:00	0	0:00	0
969	Institutional Structure	Non-Participating	326116.55	322942.50	0:00	0	0:00	0
1165	Public Structure	Non-Participating	325651.25	327979.21	0:00	0	0:00	0
1175	Public Structure	Non-Participating	328798.91	325209.24	10:43	26	2:56	176
1289	Institutional Structure	Non-Participating	315012.62	330104.68	0:00	0	0:00	0
1290	Institutional Structure	Non-Participating	315047.62	330114.33	0:00	0	0:00	0
1291	Institutional Structure	Non-Participating	315755.50	324703.34	0:00	0	0:00	0
1292	Institutional Structure	Non-Participating	323037.97	329735.76	0:00	0	0:00	0
1293	Institutional Structure	Non-Participating	323481.48	329915.56	0:00	0	0:00	0
1294	Institutional Structure	Non-Participating	323452.15	329906.01	0:00	0	0:00	0
1295	Institutional Structure	Non-Participating	323233.49	329944.11	0:00	0	0:00	0
1296	Institutional Structure	Non-Participating	323343.80	329957.91	0:00	0	0:00	0
1297	Institutional Structure	Non-Participating	323305.69	330058.02	0:00	0	0:00	0
1298	Institutional Structure	Non-Participating	323345.87	330059.13	0:00	0	0:00	0
1299	Institutional Structure	Non-Participating	322059.40	323672.65	11:07	27	3:19	199
1300	Institutional Structure	Non-Participating	322008.16	323597.31	10:31	26	3:13	193
1301	Institutional Structure	Non-Participating	322088.91	323628.57	12:23	28	3:46	226
1410	Public Structure	Non-Participating	314166.02	327544.44	0:00	0	0:00	0
1411	Public Structure	Non-Participating	319293.81	333340.96	0:00	0	0:00	0
1412	Public Structure	Non-Participating	316009.20	324300.01	0:00	0	0:00	0
1413	Public Structure	Non-Participating	316259.98	326540.25	40:21	38	11:36	696
1414	Public Structure	Non-Participating	322869.47	330265.73	0:00	0	0:00	0
1415	Public Structure	Non-Participating	323115.11	329964.65	0:00	0	0:00	0
1416	Public Structure	Non-Participating	323102.00	329679.12	0:00	0	0:00	0
1417	Public Structure	Non-Participating	321254.77	324520.60	51:04	52	16:05	965

Table B-1.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1418	Public Structure	Non-Participating	322411.64	320448.65	0:00	0	0:00	0
1510	Public Structure	Non-Participating	314892.40	330042.63	0:00	0	0:00	0
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Public Receptors								
<b>1417</b>	<b>Public Structure</b>	<b>Non-Participating</b>	<b>321254.77</b>	<b>324520.60</b>	<b>51:04</b>	<b>52</b>	<b>16:05</b>	<b>965</b>
<b>751</b>	<b>Institutional Structure</b>	<b>Non-Participating</b>	<b>326590.96</b>	<b>321947.96</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>



Table B-1.p: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1417	Public Structure	Non-Participating	321254.77	324520.60	51:04	52	16:05	965
1413	Public Structure	Non-Participating	316259.98	326540.25	40:21	38	11:36	696
1301	Institutional Structure	Non-Participating	322088.91	323628.57	12:23	28	3:46	226
1299	Institutional Structure	Non-Participating	322059.40	323672.65	11:07	27	3:19	199
1300	Institutional Structure	Non-Participating	322008.16	323597.31	10:31	26	3:13	193
1175	Public Structure	Non-Participating	328798.91	325209.24	10:43	26	2:56	176
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0
752	Institutional Structure	Non-Participating	326598.11	321723.67	0:00	0	0:00	0
753	Institutional Structure	Non-Participating	326613.84	321752.77	0:00	0	0:00	0
754	Institutional Structure	Non-Participating	326618.79	321616.43	0:00	0	0:00	0
755	Institutional Structure	Non-Participating	326589.98	321656.57	0:00	0	0:00	0
756	Institutional Structure	Non-Participating	326564.38	321654.53	0:00	0	0:00	0
757	Institutional Structure	Non-Participating	326596.02	321586.60	0:00	0	0:00	0
758	Institutional Structure	Non-Participating	326623.24	321565.50	0:00	0	0:00	0
759	Institutional Structure	Non-Participating	326798.25	321543.40	0:00	0	0:00	0
760	Institutional Structure	Non-Participating	326760.18	321454.92	0:00	0	0:00	0
761	Institutional Structure	Non-Participating	326701.75	321565.69	0:00	0	0:00	0
762	Institutional Structure	Non-Participating	326673.45	321531.69	0:00	0	0:00	0
763	Institutional Structure	Non-Participating	326901.13	321538.15	0:00	0	0:00	0
764	Institutional Structure	Non-Participating	326834.36	321398.28	0:00	0	0:00	0
765	Institutional Structure	Non-Participating	327100.23	321344.02	0:00	0	0:00	0
766	Institutional Structure	Non-Participating	327087.21	321511.41	0:00	0	0:00	0
767	Institutional Structure	Non-Participating	327051.80	321624.76	0:00	0	0:00	0
768	Institutional Structure	Non-Participating	327029.55	321706.30	0:00	0	0:00	0
769	Institutional Structure	Non-Participating	327286.72	321632.83	0:00	0	0:00	0
770	Institutional Structure	Non-Participating	326692.24	321996.52	0:00	0	0:00	0
771	Institutional Structure	Non-Participating	327003.37	321818.98	0:00	0	0:00	0
772	Institutional Structure	Non-Participating	327063.02	321775.07	0:00	0	0:00	0
773	Institutional Structure	Non-Participating	327084.35	321815.47	0:00	0	0:00	0
774	Institutional Structure	Non-Participating	326974.23	321894.22	0:00	0	0:00	0
775	Institutional Structure	Non-Participating	326976.43	321971.91	0:00	0	0:00	0
776	Institutional Structure	Non-Participating	326927.65	322036.24	0:00	0	0:00	0
777	Institutional Structure	Non-Participating	327032.06	322056.30	0:00	0	0:00	0
778	Institutional Structure	Non-Participating	327031.01	322122.27	0:00	0	0:00	0
779	Institutional Structure	Non-Participating	326887.89	322211.67	0:00	0	0:00	0
780	Institutional Structure	Non-Participating	326992.09	322280.69	0:00	0	0:00	0
781	Institutional Structure	Non-Participating	326928.32	322296.76	0:00	0	0:00	0
782	Institutional Structure	Non-Participating	326903.79	322305.84	0:00	0	0:00	0
783	Institutional Structure	Non-Participating	326925.87	322121.48	0:00	0	0:00	0
784	Institutional Structure	Non-Participating	326766.88	322318.91	0:00	0	0:00	0
785	Institutional Structure	Non-Participating	326528.49	322292.14	0:00	0	0:00	0
787	Institutional Structure	Non-Participating	326364.70	322416.29	0:00	0	0:00	0

Table B-1.p: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
788	Institutional Structure	Non-Participating	326540.00	322397.40	0:00	0	0:00	0
789	Institutional Structure	Non-Participating	326397.84	322532.17	0:00	0	0:00	0
790	Institutional Structure	Non-Participating	326367.57	322592.43	0:00	0	0:00	0
791	Institutional Structure	Non-Participating	326316.09	322606.67	0:00	0	0:00	0
792	Institutional Structure	Non-Participating	326088.51	322986.36	0:00	0	0:00	0
793	Institutional Structure	Non-Participating	325982.02	322971.49	0:00	0	0:00	0
794	Institutional Structure	Non-Participating	325926.09	322989.02	0:00	0	0:00	0
795	Institutional Structure	Non-Participating	326953.44	322387.37	0:00	0	0:00	0
796	Institutional Structure	Non-Participating	327251.12	322318.82	0:00	0	0:00	0
797	Institutional Structure	Non-Participating	325662.43	327220.47	0:00	0	0:00	0
798	Institutional Structure	Non-Participating	325390.01	327360.59	0:00	0	0:00	0
799	Institutional Structure	Non-Participating	326904.24	321787.37	0:00	0	0:00	0
800	Institutional Structure	Non-Participating	325623.37	327287.76	0:00	0	0:00	0
897	Public Structure	Non-Participating	326518.73	322018.50	0:00	0	0:00	0
899	Public Structure	Non-Participating	327353.35	321189.97	0:00	0	0:00	0
900	Public Structure	Non-Participating	327307.02	321232.57	0:00	0	0:00	0
901	Public Structure	Non-Participating	327420.46	320737.79	0:00	0	0:00	0
902	Public Structure	Non-Participating	326003.51	322594.76	0:00	0	0:00	0
903	Public Structure	Non-Participating	326212.43	322681.19	0:00	0	0:00	0
904	Public Structure	Non-Participating	326002.69	323272.01	0:00	0	0:00	0
905	Public Structure	Non-Participating	326820.18	322383.87	0:00	0	0:00	0
906	Public Structure	Non-Participating	326872.15	322362.33	0:00	0	0:00	0
907	Public Structure	Non-Participating	330033.99	325044.25	0:00	0	0:00	0
910	Public Structure	Non-Participating	325503.34	327956.06	0:00	0	0:00	0
969	Institutional Structure	Non-Participating	326116.55	322942.50	0:00	0	0:00	0
1165	Public Structure	Non-Participating	325651.25	327979.21	0:00	0	0:00	0
1289	Institutional Structure	Non-Participating	315012.62	330104.68	0:00	0	0:00	0
1290	Institutional Structure	Non-Participating	315047.62	330114.33	0:00	0	0:00	0
1291	Institutional Structure	Non-Participating	315755.50	324703.34	0:00	0	0:00	0
1292	Institutional Structure	Non-Participating	323037.97	329735.76	0:00	0	0:00	0
1293	Institutional Structure	Non-Participating	323481.48	329915.56	0:00	0	0:00	0
1294	Institutional Structure	Non-Participating	323452.15	329906.01	0:00	0	0:00	0
1295	Institutional Structure	Non-Participating	323233.49	329944.11	0:00	0	0:00	0
1296	Institutional Structure	Non-Participating	323343.80	329957.91	0:00	0	0:00	0
1297	Institutional Structure	Non-Participating	323305.69	330058.02	0:00	0	0:00	0
1298	Institutional Structure	Non-Participating	323345.87	330059.13	0:00	0	0:00	0
1410	Public Structure	Non-Participating	314166.02	327544.44	0:00	0	0:00	0
1411	Public Structure	Non-Participating	319293.81	333340.96	0:00	0	0:00	0
1412	Public Structure	Non-Participating	316009.20	324300.01	0:00	0	0:00	0
1414	Public Structure	Non-Participating	322869.47	330265.73	0:00	0	0:00	0
1415	Public Structure	Non-Participating	323115.11	329964.65	0:00	0	0:00	0
1416	Public Structure	Non-Participating	323102.00	329679.12	0:00	0	0:00	0

Table B-1.p: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1418	Public Structure	Non-Participating	322411.64	320448.65	0:00	0	0:00	0
1510	Public Structure	Non-Participating	314892.40	330042.63	0:00	0	0:00	0
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Public Receptors								
<b>1417</b>	<b>Public Structure</b>	<b>Non-Participating</b>	<b>321254.77</b>	<b>324520.60</b>	<b>51:04</b>	<b>52</b>	<b>16:05</b>	<b>965</b>
<b>751</b>	<b>Institutional Structure</b>	<b>Non-Participating</b>	<b>326590.96</b>	<b>321947.96</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1	Year-Round Residence	Non-Participating	325840.23	321460.84	0:00	0	0:00	0
2	Year-Round Residence	Non-Participating	325754.47	321507.92	0:00	0	0:00	0
3	Year-Round Residence	Non-Participating	325773.13	321554.04	0:00	0	0:00	0
4	Year-Round Residence	Non-Participating	325850.26	321518.33	0:00	0	0:00	0
5	Year-Round Residence	Non-Participating	325787.58	321592.73	0:00	0	0:00	0
6	Year-Round Residence	Non-Participating	325858.58	321556.18	0:00	0	0:00	0
7	Year-Round Residence	Non-Participating	325791.13	321644.33	0:00	0	0:00	0
8	Year-Round Residence	Non-Participating	325882.95	321657.48	0:00	0	0:00	0
9	Year-Round Residence	Non-Participating	325793.62	321691.48	0:00	0	0:00	0
10	Year-Round Residence	Non-Participating	325877.89	321704.54	0:00	0	0:00	0
11	Year-Round Residence	Non-Participating	325847.64	321863.82	0:00	0	0:00	0
12	Year-Round Residence	Non-Participating	325851.42	321801.66	0:00	0	0:00	0
13	Year-Round Residence	Non-Participating	325790.73	321841.34	0:00	0	0:00	0
14	Year-Round Residence	Non-Participating	325780.07	321788.11	0:00	0	0:00	0
15	Year-Round Residence	Non-Participating	325640.85	321775.66	0:00	0	0:00	0
16	Year-Round Residence	Non-Participating	325636.37	321819.21	0:00	0	0:00	0
17	Year-Round Residence	Non-Participating	325637.21	321903.43	0:00	0	0:00	0
18	Year-Round Residence	Non-Participating	325704.43	321882.47	0:00	0	0:00	0
19	Year-Round Residence	Non-Participating	325613.58	321953.56	0:00	0	0:00	0
20	Year-Round Residence	Non-Participating	325707.94	321947.63	0:00	0	0:00	0
21	Year-Round Residence	Non-Participating	325721.23	322023.73	0:00	0	0:00	0
22	Year-Round Residence	Non-Participating	325727.19	322101.93	0:00	0	0:00	0
23	Year-Round Residence	Non-Participating	325773.25	322129.89	0:00	0	0:00	0
24	Year-Round Residence	Non-Participating	325778.46	322081.10	0:00	0	0:00	0
25	Year-Round Residence	Non-Participating	325779.27	322052.74	0:00	0	0:00	0
26	Year-Round Residence	Non-Participating	325782.01	322010.36	0:00	0	0:00	0
27	Year-Round Residence	Non-Participating	325591.17	322111.22	0:00	0	0:00	0
28	Year-Round Residence	Non-Participating	325563.80	322171.01	0:00	0	0:00	0
29	Year-Round Residence	Non-Participating	325745.99	322175.13	0:00	0	0:00	0
30	Year-Round Residence	Non-Participating	325836.88	322187.94	0:00	0	0:00	0
31	Year-Round Residence	Non-Participating	325863.10	322130.59	0:00	0	0:00	0
32	Year-Round Residence	Non-Participating	325881.08	322045.14	0:00	0	0:00	0
33	Year-Round Residence	Non-Participating	325941.38	322140.98	0:00	0	0:00	0
34	Year-Round Residence	Non-Participating	325981.28	322146.33	0:00	0	0:00	0
35	Year-Round Residence	Non-Participating	326022.01	322147.17	0:00	0	0:00	0
36	Year-Round Residence	Non-Participating	326026.29	322059.61	0:00	0	0:00	0
37	Year-Round Residence	Non-Participating	326026.98	322021.16	0:00	0	0:00	0
38	Year-Round Residence	Non-Participating	326084.58	321982.60	0:00	0	0:00	0
39	Year-Round Residence	Non-Participating	326077.80	322025.57	0:00	0	0:00	0
40	Year-Round Residence	Non-Participating	326082.63	322074.42	0:00	0	0:00	0
41	Year-Round Residence	Non-Participating	326023.60	322102.89	0:00	0	0:00	0
42	Year-Round Residence	Non-Participating	326068.32	322158.70	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
43	Year-Round Residence	Non-Participating	325979.48	322191.19	0:00	0	0:00	0
44	Year-Round Residence	Non-Participating	325946.34	322191.13	0:00	0	0:00	0
45	Year-Round Residence	Non-Participating	325947.77	321421.23	0:00	0	0:00	0
46	Year-Round Residence	Non-Participating	326213.99	322125.65	0:00	0	0:00	0
47	Year-Round Residence	Non-Participating	326197.40	322181.67	0:00	0	0:00	0
48	Year-Round Residence	Non-Participating	326173.76	322218.06	0:00	0	0:00	0
49	Year-Round Residence	Non-Participating	326151.94	322249.53	0:00	0	0:00	0
50	Year-Round Residence	Non-Participating	326123.63	322274.56	0:00	0	0:00	0
51	Year-Round Residence	Non-Participating	326082.28	322306.20	0:00	0	0:00	0
52	Year-Round Residence	Non-Participating	326037.96	322338.50	0:00	0	0:00	0
53	Year-Round Residence	Non-Participating	325987.99	322331.51	0:00	0	0:00	0
54	Year-Round Residence	Non-Participating	325985.59	322296.49	0:00	0	0:00	0
55	Year-Round Residence	Non-Participating	325939.18	322348.81	0:00	0	0:00	0
56	Year-Round Residence	Non-Participating	325897.37	322363.57	0:00	0	0:00	0
57	Year-Round Residence	Non-Participating	325866.71	322380.49	0:00	0	0:00	0
58	Year-Round Residence	Non-Participating	325829.44	322403.08	0:00	0	0:00	0
59	Year-Round Residence	Non-Participating	325778.09	322332.39	0:00	0	0:00	0
60	Year-Round Residence	Non-Participating	325486.42	322292.36	0:00	0	0:00	0
61	Year-Round Residence	Non-Participating	325428.67	322164.74	0:00	0	0:00	0
62	Year-Round Residence	Non-Participating	325277.25	322199.50	0:00	0	0:00	0
63	Year-Round Residence	Non-Participating	325378.12	322262.74	0:00	0	0:00	0
64	Year-Round Residence	Non-Participating	326105.29	322385.39	0:00	0	0:00	0
65	Year-Round Residence	Non-Participating	326120.83	322384.71	0:00	0	0:00	0
66	Year-Round Residence	Non-Participating	326146.44	322374.59	0:00	0	0:00	0
67	Year-Round Residence	Non-Participating	326163.79	322374.25	0:00	0	0:00	0
68	Year-Round Residence	Non-Participating	326189.85	322371.42	0:00	0	0:00	0
69	Year-Round Residence	Non-Participating	326227.52	322364.74	0:00	0	0:00	0
70	Year-Round Residence	Non-Participating	326258.55	322365.89	0:00	0	0:00	0
71	Year-Round Residence	Non-Participating	326274.10	322366.04	0:00	0	0:00	0
72	Year-Round Residence	Non-Participating	326289.72	322363.96	0:00	0	0:00	0
73	Year-Round Residence	Non-Participating	326324.44	322357.26	0:00	0	0:00	0
74	Year-Round Residence	Non-Participating	326340.61	322356.42	0:00	0	0:00	0
75	Year-Round Residence	Non-Participating	326447.94	322350.46	0:00	0	0:00	0
76	Year-Round Residence	Non-Participating	326434.67	322307.60	0:00	0	0:00	0
77	Year-Round Residence	Non-Participating	326433.90	322272.44	0:00	0	0:00	0
78	Year-Round Residence	Non-Participating	326467.63	322276.77	0:00	0	0:00	0
79	Year-Round Residence	Non-Participating	326464.91	322261.83	0:00	0	0:00	0
80	Year-Round Residence	Non-Participating	326460.67	322242.56	0:00	0	0:00	0
81	Year-Round Residence	Non-Participating	326456.49	322225.21	0:00	0	0:00	0
82	Year-Round Residence	Non-Participating	326422.04	322244.97	0:00	0	0:00	0
83	Year-Round Residence	Non-Participating	326456.47	322199.61	0:00	0	0:00	0
84	Year-Round Residence	Non-Participating	326426.47	322156.51	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
85	Year-Round Residence	Non-Participating	326455.56	322162.38	0:00	0	0:00	0
86	Year-Round Residence	Non-Participating	326474.82	322156.62	0:00	0	0:00	0
87	Year-Round Residence	Non-Participating	326473.89	322115.97	0:00	0	0:00	0
88	Year-Round Residence	Non-Participating	326494.70	322112.35	0:00	0	0:00	0
89	Year-Round Residence	Non-Participating	326521.89	322144.46	0:00	0	0:00	0
90	Year-Round Residence	Non-Participating	326525.65	322104.25	0:00	0	0:00	0
91	Year-Round Residence	Non-Participating	326559.22	322146.14	0:00	0	0:00	0
92	Year-Round Residence	Non-Participating	326560.55	322091.34	0:00	0	0:00	0
93	Year-Round Residence	Non-Participating	326565.70	322063.03	0:00	0	0:00	0
94	Year-Round Residence	Non-Participating	326577.01	322030.21	0:00	0	0:00	0
95	Year-Round Residence	Non-Participating	326586.64	321981.91	0:00	0	0:00	0
96	Year-Round Residence	Non-Participating	326621.58	322088.64	0:00	0	0:00	0
97	Year-Round Residence	Non-Participating	326623.57	322067.67	0:00	0	0:00	0
98	Year-Round Residence	Non-Participating	326453.54	322029.49	0:00	0	0:00	0
99	Year-Round Residence	Non-Participating	326476.38	322069.06	0:00	0	0:00	0
100	Year-Round Residence	Non-Participating	326356.15	321103.43	0:00	0	0:00	0
101	Year-Round Residence	Non-Participating	326204.28	321144.93	0:00	0	0:00	0
102	Year-Round Residence	Non-Participating	326675.85	320987.68	0:00	0	0:00	0
103	Year-Round Residence	Non-Participating	326680.94	320911.11	0:00	0	0:00	0
104	Year-Round Residence	Non-Participating	325631.11	321860.97	0:00	0	0:00	0
105	Year-Round Residence	Non-Participating	326747.88	320537.56	0:00	0	0:00	0
106	Year-Round Residence	Non-Participating	326769.58	320439.49	0:00	0	0:00	0
107	Year-Round Residence	Non-Participating	326757.47	320235.12	0:00	0	0:00	0
108	Year-Round Residence	Non-Participating	326649.77	320166.94	0:00	0	0:00	0
109	Year-Round Residence	Non-Participating	327107.05	321131.14	0:00	0	0:00	0
110	Year-Round Residence	Non-Participating	327100.78	321247.79	0:00	0	0:00	0
111	Year-Round Residence	Non-Participating	327260.08	321399.60	0:00	0	0:00	0
112	Year-Round Residence	Non-Participating	327356.80	320935.66	0:00	0	0:00	0
113	Year-Round Residence	Non-Participating	327370.63	320842.44	0:00	0	0:00	0
114	Year-Round Residence	Non-Participating	327352.24	320589.74	0:00	0	0:00	0
115	Year-Round Residence	Non-Participating	327283.70	320473.78	0:00	0	0:00	0
116	Year-Round Residence	Non-Participating	328217.19	321536.54	0:00	0	0:00	0
117	Year-Round Residence	Non-Participating	327395.38	320405.93	0:00	0	0:00	0
119	Year-Round Residence	Non-Participating	327443.98	320312.92	0:00	0	0:00	0
120	Year-Round Residence	Non-Participating	327877.12	320375.91	0:00	0	0:00	0
121	Year-Round Residence	Non-Participating	328174.72	320513.45	0:00	0	0:00	0
122	Year-Round Residence	Non-Participating	328253.83	320518.27	0:00	0	0:00	0
123	Year-Round Residence	Non-Participating	328180.55	320592.48	0:00	0	0:00	0
124	Year-Round Residence	Non-Participating	328172.35	320650.31	0:00	0	0:00	0
125	Year-Round Residence	Non-Participating	328299.81	320709.53	0:00	0	0:00	0
126	Year-Round Residence	Non-Participating	328419.92	320612.14	0:00	0	0:00	0
127	Year-Round Residence	Non-Participating	328508.22	320631.35	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
128	Year-Round Residence	Non-Participating	328148.73	320791.41	0:00	0	0:00	0
129	Year-Round Residence	Non-Participating	328152.43	320966.12	0:00	0	0:00	0
130	Year-Round Residence	Non-Participating	328226.95	320966.84	0:00	0	0:00	0
131	Year-Round Residence	Non-Participating	328214.86	321037.02	0:00	0	0:00	0
132	Year-Round Residence	Non-Participating	328195.35	321178.43	0:00	0	0:00	0
133	Year-Round Residence	Non-Participating	328248.10	321412.38	0:00	0	0:00	0
134	Year-Round Residence	Non-Participating	328163.61	321566.66	0:00	0	0:00	0
135	Year-Round Residence	Non-Participating	328293.42	321676.93	0:00	0	0:00	0
136	Year-Round Residence	Non-Participating	328296.22	321835.79	0:00	0	0:00	0
137	Year-Round Residence	Non-Participating	328289.17	321931.08	0:00	0	0:00	0
138	Year-Round Residence	Non-Participating	328303.17	322063.21	0:00	0	0:00	0
139	Year-Round Residence	Non-Participating	328284.81	322165.67	0:00	0	0:00	0
140	Year-Round Residence	Non-Participating	328410.05	322337.42	0:00	0	0:00	0
141	Year-Round Residence	Non-Participating	327224.97	321852.31	0:00	0	0:00	0
142	Year-Round Residence	Non-Participating	327284.95	321823.71	0:00	0	0:00	0
143	Year-Round Residence	Non-Participating	327302.32	321753.34	0:00	0	0:00	0
144	Year-Round Residence	Non-Participating	327354.12	321805.50	0:00	0	0:00	0
145	Year-Round Residence	Non-Participating	327377.69	321739.49	0:00	0	0:00	0
146	Year-Round Residence	Non-Participating	327130.85	321870.42	0:00	0	0:00	0
147	Year-Round Residence	Non-Participating	327101.69	321856.91	0:00	0	0:00	0
148	Year-Round Residence	Non-Participating	327113.65	321933.39	0:00	0	0:00	0
149	Year-Round Residence	Non-Participating	327051.71	321915.43	0:00	0	0:00	0
150	Year-Round Residence	Non-Participating	327089.10	322008.66	0:00	0	0:00	0
151	Year-Round Residence	Non-Participating	327051.28	322233.31	0:00	0	0:00	0
152	Year-Round Residence	Non-Participating	326831.30	322304.31	0:00	0	0:00	0
153	Year-Round Residence	Non-Participating	326815.90	322295.53	0:00	0	0:00	0
154	Year-Round Residence	Non-Participating	326768.36	322265.85	0:00	0	0:00	0
155	Year-Round Residence	Non-Participating	326807.24	322258.82	0:00	0	0:00	0
156	Year-Round Residence	Non-Participating	326762.58	322244.21	0:00	0	0:00	0
157	Year-Round Residence	Non-Participating	326803.42	322240.18	0:00	0	0:00	0
158	Year-Round Residence	Non-Participating	326761.36	322228.10	0:00	0	0:00	0
159	Year-Round Residence	Non-Participating	326759.92	322208.76	0:00	0	0:00	0
160	Year-Round Residence	Non-Participating	326803.67	322214.09	0:00	0	0:00	0
161	Year-Round Residence	Non-Participating	326760.72	322189.95	0:00	0	0:00	0
162	Year-Round Residence	Non-Participating	326800.15	322193.17	0:00	0	0:00	0
163	Year-Round Residence	Non-Participating	326753.85	322133.68	0:00	0	0:00	0
164	Year-Round Residence	Non-Participating	326759.84	322170.90	0:00	0	0:00	0
165	Year-Round Residence	Non-Participating	326796.75	322159.18	0:00	0	0:00	0
166	Year-Round Residence	Non-Participating	326797.74	322136.79	0:00	0	0:00	0
167	Year-Round Residence	Non-Participating	326775.14	322096.60	0:00	0	0:00	0
168	Year-Round Residence	Non-Participating	326755.65	322092.66	0:00	0	0:00	0
169	Year-Round Residence	Non-Participating	326716.36	322125.75	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
170	Year-Round Residence	Non-Participating	326730.36	322090.96	0:00	0	0:00	0
171	Year-Round Residence	Non-Participating	326706.98	322089.66	0:00	0	0:00	0
172	Year-Round Residence	Non-Participating	326684.02	322087.28	0:00	0	0:00	0
173	Year-Round Residence	Non-Participating	326670.84	322131.14	0:00	0	0:00	0
174	Year-Round Residence	Non-Participating	326667.40	322092.29	0:00	0	0:00	0
175	Year-Round Residence	Non-Participating	326650.10	322130.53	0:00	0	0:00	0
176	Year-Round Residence	Non-Participating	326649.80	322085.32	0:00	0	0:00	0
177	Year-Round Residence	Non-Participating	326620.03	322126.48	0:00	0	0:00	0
178	Year-Round Residence	Non-Participating	326634.00	322027.99	0:00	0	0:00	0
179	Year-Round Residence	Non-Participating	326554.28	322171.11	0:00	0	0:00	0
180	Year-Round Residence	Non-Participating	326612.56	322157.50	0:00	0	0:00	0
181	Year-Round Residence	Non-Participating	326610.46	322190.73	0:00	0	0:00	0
182	Year-Round Residence	Non-Participating	326553.32	322184.81	0:00	0	0:00	0
183	Year-Round Residence	Non-Participating	326540.47	322207.94	0:00	0	0:00	0
184	Year-Round Residence	Non-Participating	326539.82	322232.56	0:00	0	0:00	0
185	Year-Round Residence	Non-Participating	326611.16	322219.14	0:00	0	0:00	0
186	Year-Round Residence	Non-Participating	326533.84	322249.58	0:00	0	0:00	0
187	Year-Round Residence	Non-Participating	326603.48	322270.14	0:00	0	0:00	0
188	Year-Round Residence	Non-Participating	326532.28	322270.93	0:00	0	0:00	0
189	Year-Round Residence	Non-Participating	326598.50	322294.71	0:00	0	0:00	0
190	Year-Round Residence	Non-Participating	326591.79	322323.24	0:00	0	0:00	0
191	Year-Round Residence	Non-Participating	326595.31	322308.98	0:00	0	0:00	0
192	Year-Round Residence	Non-Participating	326589.55	322341.41	0:00	0	0:00	0
193	Year-Round Residence	Non-Participating	326676.31	322332.50	0:00	0	0:00	0
194	Year-Round Residence	Non-Participating	326161.71	322430.19	0:00	0	0:00	0
195	Year-Round Residence	Non-Participating	326044.14	322473.88	0:00	0	0:00	0
196	Year-Round Residence	Non-Participating	326071.94	322443.89	0:00	0	0:00	0
197	Year-Round Residence	Non-Participating	326095.46	322575.69	0:00	0	0:00	0
198	Year-Round Residence	Non-Participating	326082.16	322599.71	0:00	0	0:00	0
199	Year-Round Residence	Non-Participating	326067.54	322628.39	0:00	0	0:00	0
200	Year-Round Residence	Non-Participating	326049.40	322661.58	0:00	0	0:00	0
201	Year-Round Residence	Non-Participating	325919.00	322545.91	0:00	0	0:00	0
202	Year-Round Residence	Non-Participating	325916.89	322592.99	0:00	0	0:00	0
203	Year-Round Residence	Non-Participating	325949.51	322642.88	0:00	0	0:00	0
204	Year-Round Residence	Non-Participating	325966.22	322666.88	0:00	0	0:00	0
205	Year-Round Residence	Non-Participating	325978.97	322700.94	0:00	0	0:00	0
206	Year-Round Residence	Non-Participating	325963.05	322734.26	0:00	0	0:00	0
207	Year-Round Residence	Non-Participating	326012.30	322736.42	0:00	0	0:00	0
208	Year-Round Residence	Non-Participating	326002.32	322766.84	0:00	0	0:00	0
209	Year-Round Residence	Non-Participating	325989.38	322800.52	0:00	0	0:00	0
210	Year-Round Residence	Non-Participating	325940.04	322785.35	0:00	0	0:00	0
211	Year-Round Residence	Non-Participating	325929.00	322813.48	0:00	0	0:00	0



Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
212	Year-Round Residence	Non-Participating	325976.43	322838.28	0:00	0	0:00	0
213	Year-Round Residence	Non-Participating	325920.05	322841.49	0:00	0	0:00	0
214	Year-Round Residence	Non-Participating	325959.23	322897.52	0:00	0	0:00	0
215	Year-Round Residence	Non-Participating	325996.76	322899.21	0:00	0	0:00	0
216	Year-Round Residence	Non-Participating	326031.60	322899.82	0:00	0	0:00	0
217	Year-Round Residence	Non-Participating	326035.96	322851.06	0:00	0	0:00	0
218	Year-Round Residence	Non-Participating	326067.37	322899.13	0:00	0	0:00	0
219	Year-Round Residence	Non-Participating	326094.56	322884.30	0:00	0	0:00	0
220	Year-Round Residence	Non-Participating	326109.80	322858.36	0:00	0	0:00	0
221	Year-Round Residence	Non-Participating	326128.03	322827.51	0:00	0	0:00	0
222	Year-Round Residence	Non-Participating	326071.83	322823.57	0:00	0	0:00	0
223	Year-Round Residence	Non-Participating	326087.69	322800.28	0:00	0	0:00	0
224	Year-Round Residence	Non-Participating	326146.78	322798.12	0:00	0	0:00	0
225	Year-Round Residence	Non-Participating	326160.23	322776.80	0:00	0	0:00	0
226	Year-Round Residence	Non-Participating	326109.75	322757.54	0:00	0	0:00	0
227	Year-Round Residence	Non-Participating	326084.61	322741.57	0:00	0	0:00	0
228	Year-Round Residence	Non-Participating	326056.12	322728.81	0:00	0	0:00	0
229	Year-Round Residence	Non-Participating	326078.93	322686.95	0:00	0	0:00	0
230	Year-Round Residence	Non-Participating	326251.05	322539.98	0:00	0	0:00	0
231	Year-Round Residence	Non-Participating	326253.25	322493.34	0:00	0	0:00	0
232	Year-Round Residence	Non-Participating	326212.36	322492.36	0:00	0	0:00	0
233	Year-Round Residence	Non-Participating	326249.71	322480.17	0:00	0	0:00	0
234	Year-Round Residence	Non-Participating	326214.01	322463.60	0:00	0	0:00	0
235	Year-Round Residence	Non-Participating	326213.45	322446.02	0:00	0	0:00	0
236	Year-Round Residence	Non-Participating	326199.53	322419.61	0:00	0	0:00	0
237	Year-Round Residence	Non-Participating	326304.35	322414.17	0:00	0	0:00	0
238	Year-Round Residence	Non-Participating	326327.43	322421.74	0:00	0	0:00	0
239	Year-Round Residence	Non-Participating	326397.02	322404.89	0:00	0	0:00	0
240	Year-Round Residence	Non-Participating	326432.58	322409.06	0:00	0	0:00	0
241	Year-Round Residence	Non-Participating	326460.49	322404.68	0:00	0	0:00	0
242	Year-Round Residence	Non-Participating	326529.08	322442.66	0:00	0	0:00	0
243	Year-Round Residence	Non-Participating	326504.26	322458.88	0:00	0	0:00	0
244	Year-Round Residence	Non-Participating	326453.62	322467.47	0:00	0	0:00	0
245	Year-Round Residence	Non-Participating	326489.87	322481.50	0:00	0	0:00	0
246	Year-Round Residence	Non-Participating	326442.42	322485.27	0:00	0	0:00	0
247	Year-Round Residence	Non-Participating	326479.68	322503.72	0:00	0	0:00	0
248	Year-Round Residence	Non-Participating	326426.41	322501.31	0:00	0	0:00	0
249	Year-Round Residence	Non-Participating	326456.19	322530.61	0:00	0	0:00	0
250	Year-Round Residence	Non-Participating	326466.70	322517.63	0:00	0	0:00	0
251	Year-Round Residence	Non-Participating	326416.00	322520.18	0:00	0	0:00	0
252	Year-Round Residence	Non-Participating	326227.00	322806.51	0:00	0	0:00	0
253	Year-Round Residence	Non-Participating	326210.33	322834.24	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
254	Year-Round Residence	Non-Participating	326195.41	322861.34	0:00	0	0:00	0
255	Year-Round Residence	Non-Participating	326177.72	322888.26	0:00	0	0:00	0
256	Year-Round Residence	Non-Participating	326191.78	322947.31	0:00	0	0:00	0
257	Year-Round Residence	Non-Participating	326150.47	323023.01	0:00	0	0:00	0
258	Year-Round Residence	Non-Participating	326109.80	323093.80	0:00	0	0:00	0
259	Year-Round Residence	Non-Participating	326072.00	323131.30	0:00	0	0:00	0
260	Year-Round Residence	Non-Participating	326035.11	323102.98	0:00	0	0:00	0
261	Year-Round Residence	Non-Participating	326056.55	323076.44	0:00	0	0:00	0
262	Year-Round Residence	Non-Participating	325970.90	323084.49	0:00	0	0:00	0
263	Year-Round Residence	Non-Participating	325936.56	323044.95	0:00	0	0:00	0
264	Year-Round Residence	Non-Participating	325904.31	323193.03	0:00	0	0:00	0
265	Year-Round Residence	Non-Participating	325943.43	323165.91	0:00	0	0:00	0
266	Year-Round Residence	Non-Participating	325688.94	323400.19	0:00	0	0:00	0
267	Year-Round Residence	Non-Participating	325817.19	323510.11	0:00	0	0:00	0
268	Year-Round Residence	Non-Participating	326764.17	322468.57	0:00	0	0:00	0
269	Year-Round Residence	Non-Participating	326667.97	322524.18	0:00	0	0:00	0
270	Year-Round Residence	Non-Participating	326667.19	322500.74	0:00	0	0:00	0
271	Year-Round Residence	Non-Participating	326667.43	322475.48	0:00	0	0:00	0
272	Year-Round Residence	Non-Participating	326772.46	322375.42	0:00	0	0:00	0
273	Year-Round Residence	Non-Participating	326794.69	322378.47	0:00	0	0:00	0
274	Year-Round Residence	Non-Participating	326835.43	322373.90	0:00	0	0:00	0
275	Year-Round Residence	Non-Participating	326857.51	322364.40	0:00	0	0:00	0
276	Year-Round Residence	Non-Participating	327017.05	322368.48	0:00	0	0:00	0
277	Year-Round Residence	Non-Participating	327014.10	322408.47	0:00	0	0:00	0
278	Year-Round Residence	Non-Participating	327070.14	322361.95	0:00	0	0:00	0
279	Year-Round Residence	Non-Participating	327064.61	322406.58	0:00	0	0:00	0
280	Year-Round Residence	Non-Participating	327062.33	322434.71	0:00	0	0:00	0
281	Year-Round Residence	Non-Participating	327012.01	322453.20	0:00	0	0:00	0
282	Year-Round Residence	Non-Participating	327052.19	322456.35	0:00	0	0:00	0
283	Year-Round Residence	Non-Participating	327011.15	322470.72	0:00	0	0:00	0
284	Year-Round Residence	Non-Participating	327049.08	322486.06	0:00	0	0:00	0
285	Year-Round Residence	Non-Participating	327006.93	322488.90	0:00	0	0:00	0
286	Year-Round Residence	Non-Participating	327009.30	322509.29	0:00	0	0:00	0
287	Year-Round Residence	Non-Participating	327049.92	322507.28	0:00	0	0:00	0
288	Year-Round Residence	Non-Participating	327047.19	322527.68	0:00	0	0:00	0
289	Year-Round Residence	Non-Participating	327010.17	322539.49	0:00	0	0:00	0
290	Year-Round Residence	Non-Participating	327048.54	322557.17	0:00	0	0:00	0
291	Year-Round Residence	Non-Participating	327008.82	322564.09	0:00	0	0:00	0
292	Year-Round Residence	Non-Participating	327007.63	322604.11	0:00	0	0:00	0
293	Year-Round Residence	Non-Participating	327045.16	322605.78	0:00	0	0:00	0
294	Year-Round Residence	Non-Participating	327036.80	322645.48	0:00	0	0:00	0
295	Year-Round Residence	Non-Participating	326993.27	322655.28	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
296	Year-Round Residence	Non-Participating	326996.76	322700.81	0:00	0	0:00	0
297	Year-Round Residence	Non-Participating	327036.11	322748.56	0:00	0	0:00	0
298	Year-Round Residence	Non-Participating	327035.61	322730.62	0:00	0	0:00	0
299	Year-Round Residence	Non-Participating	327000.50	322800.86	0:00	0	0:00	0
300	Year-Round Residence	Non-Participating	326998.44	322835.24	0:00	0	0:00	0
301	Year-Round Residence	Non-Participating	327005.40	322897.63	0:00	0	0:00	0
302	Year-Round Residence	Non-Participating	327001.16	322943.95	0:00	0	0:00	0
303	Year-Round Residence	Non-Participating	326998.03	322995.17	0:00	0	0:00	0
304	Year-Round Residence	Non-Participating	327057.28	322984.81	0:00	0	0:00	0
305	Year-Round Residence	Non-Participating	327063.23	323118.10	0:00	0	0:00	0
306	Year-Round Residence	Non-Participating	327084.97	322277.60	0:00	0	0:00	0
307	Year-Round Residence	Non-Participating	327101.06	322276.03	0:00	0	0:00	0
308	Year-Round Residence	Non-Participating	327092.26	322255.75	0:00	0	0:00	0
309	Year-Round Residence	Non-Participating	327118.07	322271.47	0:00	0	0:00	0
310	Year-Round Residence	Non-Participating	327107.75	322199.90	0:00	0	0:00	0
311	Year-Round Residence	Non-Participating	327113.54	322169.88	0:00	0	0:00	0
312	Year-Round Residence	Non-Participating	327123.78	322147.08	0:00	0	0:00	0
313	Year-Round Residence	Non-Participating	327125.02	322122.95	0:00	0	0:00	0
314	Year-Round Residence	Non-Participating	327158.31	322084.68	0:00	0	0:00	0
315	Year-Round Residence	Non-Participating	327160.79	322017.54	0:00	0	0:00	0
316	Year-Round Residence	Non-Participating	327165.20	321991.53	0:00	0	0:00	0
317	Year-Round Residence	Non-Participating	327185.01	321918.60	0:00	0	0:00	0
318	Year-Round Residence	Non-Participating	327132.91	322274.37	0:00	0	0:00	0
319	Year-Round Residence	Non-Participating	327162.34	322271.36	0:00	0	0:00	0
320	Year-Round Residence	Non-Participating	327114.11	322352.00	0:00	0	0:00	0
321	Year-Round Residence	Non-Participating	327132.91	322345.07	0:00	0	0:00	0
322	Year-Round Residence	Non-Participating	327148.05	322342.39	0:00	0	0:00	0
323	Year-Round Residence	Non-Participating	327168.67	322343.92	0:00	0	0:00	0
324	Year-Round Residence	Non-Participating	327202.22	322336.59	0:00	0	0:00	0
325	Year-Round Residence	Non-Participating	327319.35	322328.27	0:00	0	0:00	0
326	Year-Round Residence	Non-Participating	327273.31	322243.51	0:00	0	0:00	0
327	Year-Round Residence	Non-Participating	327224.69	322185.11	0:00	0	0:00	0
328	Year-Round Residence	Non-Participating	327289.47	322184.90	0:00	0	0:00	0
329	Year-Round Residence	Non-Participating	327295.13	322148.05	0:00	0	0:00	0
330	Year-Round Residence	Non-Participating	327247.53	322107.59	0:00	0	0:00	0
331	Year-Round Residence	Non-Participating	327297.36	322088.44	0:00	0	0:00	0
332	Year-Round Residence	Non-Participating	327247.87	322075.51	0:00	0	0:00	0
333	Year-Round Residence	Non-Participating	327295.30	322051.27	0:00	0	0:00	0
334	Year-Round Residence	Non-Participating	327246.89	322042.21	0:00	0	0:00	0
335	Year-Round Residence	Non-Participating	327239.89	321980.71	0:00	0	0:00	0
336	Year-Round Residence	Non-Participating	327294.91	322020.27	0:00	0	0:00	0
337	Year-Round Residence	Non-Participating	327295.96	321998.04	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
338	Year-Round Residence	Non-Participating	327317.86	322402.15	0:00	0	0:00	0
339	Year-Round Residence	Non-Participating	327355.37	322379.77	0:00	0	0:00	0
340	Year-Round Residence	Non-Participating	327387.67	322332.34	0:00	0	0:00	0
341	Year-Round Residence	Non-Participating	327436.74	322398.18	0:00	0	0:00	0
342	Year-Round Residence	Non-Participating	327487.04	322406.38	0:00	0	0:00	0
343	Year-Round Residence	Non-Participating	327439.61	322343.42	0:00	0	0:00	0
344	Year-Round Residence	Non-Participating	327578.97	322416.61	0:00	0	0:00	0
345	Year-Round Residence	Non-Participating	327671.56	322409.46	0:00	0	0:00	0
346	Year-Round Residence	Non-Participating	327708.66	322385.94	0:00	0	0:00	0
347	Year-Round Residence	Non-Participating	327737.69	322342.00	0:00	0	0:00	0
348	Year-Round Residence	Non-Participating	327518.29	322232.30	0:00	0	0:00	0
349	Year-Round Residence	Non-Participating	327593.63	322175.43	0:00	0	0:00	0
350	Year-Round Residence	Non-Participating	327774.36	322239.03	0:00	0	0:00	0
351	Year-Round Residence	Non-Participating	327864.16	322252.21	0:00	0	0:00	0
352	Year-Round Residence	Non-Participating	327826.81	322403.84	0:00	0	0:00	0
353	Year-Round Residence	Non-Participating	327746.85	322493.71	0:00	0	0:00	0
354	Year-Round Residence	Non-Participating	327758.44	322544.07	0:00	0	0:00	0
355	Year-Round Residence	Non-Participating	327784.93	322350.08	0:00	0	0:00	0
356	Year-Round Residence	Non-Participating	327875.00	322466.16	0:00	0	0:00	0
357	Year-Round Residence	Non-Participating	327741.07	322620.50	0:00	0	0:00	0
358	Year-Round Residence	Non-Participating	328115.21	322400.23	0:00	0	0:00	0
359	Year-Round Residence	Non-Participating	328080.29	322374.43	0:00	0	0:00	0
360	Year-Round Residence	Non-Participating	328167.59	322441.83	0:00	0	0:00	0
361	Year-Round Residence	Non-Participating	328245.38	322456.12	0:00	0	0:00	0
362	Year-Round Residence	Non-Participating	328243.96	322366.18	0:00	0	0:00	0
363	Year-Round Residence	Non-Participating	328505.63	322591.87	0:00	0	0:00	0
364	Year-Round Residence	Non-Participating	328604.56	322462.73	0:00	0	0:00	0
365	Year-Round Residence	Non-Participating	328657.15	322615.95	0:00	0	0:00	0
366	Year-Round Residence	Non-Participating	328591.63	322598.68	0:00	0	0:00	0
367	Year-Round Residence	Non-Participating	328730.35	322476.93	0:00	0	0:00	0
368	Year-Round Residence	Non-Participating	328765.82	322449.94	0:00	0	0:00	0
369	Year-Round Residence	Non-Participating	328804.74	322411.32	0:00	0	0:00	0
370	Year-Round Residence	Non-Participating	329071.43	322221.22	0:00	0	0:00	0
371	Year-Round Residence	Non-Participating	329113.31	322215.70	0:00	0	0:00	0
372	Year-Round Residence	Non-Participating	329262.00	322182.15	0:00	0	0:00	0
373	Year-Round Residence	Non-Participating	329215.75	322259.64	0:00	0	0:00	0
374	Year-Round Residence	Non-Participating	329242.99	322252.10	0:00	0	0:00	0
375	Year-Round Residence	Non-Participating	329546.99	322190.42	0:00	0	0:00	0
376	Year-Round Residence	Non-Participating	329633.74	322049.85	0:00	0	0:00	0
377	Year-Round Residence	Non-Participating	329680.48	322018.00	0:00	0	0:00	0
378	Year-Round Residence	Non-Participating	329887.83	321957.02	0:00	0	0:00	0
379	Year-Round Residence	Non-Participating	329943.11	321669.34	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
380	Year-Round Residence	Non-Participating	329902.24	321543.82	0:00	0	0:00	0
381	Year-Round Residence	Non-Participating	329960.18	321479.68	0:00	0	0:00	0
382	Year-Round Residence	Non-Participating	330037.86	321542.29	0:00	0	0:00	0
383	Year-Round Residence	Non-Participating	328668.88	320701.85	0:00	0	0:00	0
384	Year-Round Residence	Non-Participating	325747.82	322512.27	0:00	0	0:00	0
385	Year-Round Residence	Non-Participating	325691.36	322432.79	0:00	0	0:00	0
386	Year-Round Residence	Non-Participating	325362.64	322473.94	0:00	0	0:00	0
387	Year-Round Residence	Non-Participating	325260.28	322501.80	0:00	0	0:00	0
388	Year-Round Residence	Non-Participating	325202.18	322562.82	0:00	0	0:00	0
389	Year-Round Residence	Non-Participating	325221.35	322646.99	0:00	0	0:00	0
390	Year-Round Residence	Non-Participating	325131.89	322598.09	0:00	0	0:00	0
391	Year-Round Residence	Non-Participating	325085.68	322631.06	0:00	0	0:00	0
392	Year-Round Residence	Non-Participating	325035.21	322647.49	0:00	0	0:00	0
393	Year-Round Residence	Non-Participating	324888.97	322796.77	0:00	0	0:00	0
394	Year-Round Residence	Non-Participating	324602.97	323042.45	0:00	0	0:00	0
395	Year-Round Residence	Non-Participating	324475.83	322913.65	0:00	0	0:00	0
396	Year-Round Residence	Non-Participating	324407.34	322935.86	0:00	0	0:00	0
397	Year-Round Residence	Non-Participating	324446.86	322724.30	0:00	0	0:00	0
398	Year-Round Residence	Non-Participating	324572.41	322733.08	0:00	0	0:00	0
399	Year-Round Residence	Non-Participating	324536.65	322669.04	0:00	0	0:00	0
400	Year-Round Residence	Non-Participating	324387.22	322517.43	0:00	0	0:00	0
401	Year-Round Residence	Non-Participating	324427.60	322410.56	0:00	0	0:00	0
402	Year-Round Residence	Non-Participating	324386.26	322459.87	0:00	0	0:00	0
403	Year-Round Residence	Non-Participating	324348.99	322205.28	0:00	0	0:00	0
404	Year-Round Residence	Non-Participating	324459.52	322181.24	0:00	0	0:00	0
405	Year-Round Residence	Non-Participating	324372.32	321726.74	0:00	0	0:00	0
406	Year-Round Residence	Non-Participating	324464.71	321669.41	0:00	0	0:00	0
407	Year-Round Residence	Non-Participating	324450.11	321630.16	0:00	0	0:00	0
408	Year-Round Residence	Non-Participating	324352.67	321602.86	0:00	0	0:00	0
409	Year-Round Residence	Non-Participating	324306.07	321611.73	0:00	0	0:00	0
410	Year-Round Residence	Non-Participating	324361.75	321305.73	0:00	0	0:00	0
411	Year-Round Residence	Non-Participating	324279.94	321352.65	0:00	0	0:00	0
413	Year-Round Residence	Non-Participating	323942.85	321399.04	0:00	0	0:00	0
414	Year-Round Residence	Non-Participating	324501.52	321125.51	0:00	0	0:00	0
415	Year-Round Residence	Non-Participating	324752.92	320946.95	0:00	0	0:00	0
416	Year-Round Residence	Non-Participating	324684.12	320689.00	0:00	0	0:00	0
417	Year-Round Residence	Non-Participating	324760.65	320664.49	0:00	0	0:00	0
418	Year-Round Residence	Non-Participating	324945.95	321020.41	0:00	0	0:00	0
419	Year-Round Residence	Non-Participating	325245.51	321354.16	0:00	0	0:00	0
420	Year-Round Residence	Non-Participating	325140.17	321415.46	0:00	0	0:00	0
421	Year-Round Residence	Non-Participating	325273.19	321558.66	0:00	0	0:00	0
422	Year-Round Residence	Non-Participating	325171.43	321725.60	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
423	Year-Round Residence	Non-Participating	325059.93	321691.52	0:00	0	0:00	0
424	Year-Round Residence	Non-Participating	324976.24	321671.63	0:00	0	0:00	0
425	Year-Round Residence	Non-Participating	324901.86	321672.93	0:00	0	0:00	0
426	Year-Round Residence	Non-Participating	324870.24	321730.51	0:00	0	0:00	0
427	Year-Round Residence	Non-Participating	324705.38	321796.47	0:00	0	0:00	0
428	Year-Round Residence	Non-Participating	325411.66	321661.95	0:00	0	0:00	0
429	Year-Round Residence	Non-Participating	325467.09	321646.17	0:00	0	0:00	0
430	Year-Round Residence	Non-Participating	325612.56	321530.12	0:00	0	0:00	0
431	Year-Round Residence	Non-Participating	325714.35	321444.97	0:00	0	0:00	0
432	Year-Round Residence	Non-Participating	324202.08	322439.62	0:00	0	0:00	0
433	Year-Round Residence	Non-Participating	324165.19	322499.02	0:00	0	0:00	0
434	Year-Round Residence	Non-Participating	324085.25	322502.38	0:00	0	0:00	0
435	Year-Round Residence	Non-Participating	324004.12	322420.23	0:00	0	0:00	0
436	Year-Round Residence	Non-Participating	324053.58	322673.73	0:00	0	0:00	0
437	Year-Round Residence	Non-Participating	323896.71	322619.92	0:00	0	0:00	0
438	Year-Round Residence	Non-Participating	323774.65	322524.35	0:00	0	0:00	0
439	Year-Round Residence	Non-Participating	323707.95	322516.51	0:00	0	0:00	0
440	Year-Round Residence	Non-Participating	323304.56	322386.97	0:00	0	0:00	0
441	Year-Round Residence	Non-Participating	323114.67	322510.49	0:00	0	0:00	0
442	Year-Round Residence	Non-Participating	323207.32	322624.29	0:00	0	0:00	0
443	Year-Round Residence	Non-Participating	324004.61	323147.13	0:00	0	0:00	0
444	Year-Round Residence	Non-Participating	324049.94	323026.37	0:00	0	0:00	0
445	Year-Round Residence	Non-Participating	323933.25	323033.44	0:00	0	0:00	0
446	Year-Round Residence	Non-Participating	323780.69	323004.00	0:00	0	0:00	0
447	Year-Round Residence	Non-Participating	323873.40	323154.64	0:00	0	0:00	0
448	Year-Round Residence	Non-Participating	323550.58	323099.41	0:00	0	0:00	0
449	Year-Round Residence	Non-Participating	323317.56	323288.56	0:00	0	0:00	0
452	Year-Round Residence	Non-Participating	322888.01	323483.97	0:00	0	0:00	0
453	Year-Round Residence	Non-Participating	322840.82	323525.82	59:16	63	18:40	1120
454	Year-Round Residence	Non-Participating	322770.63	323572.25	111:21	69	35:20	2120
455	Year-Round Residence	Non-Participating	322644.45	323527.32	83:58	55	26:40	1600
456	Year-Round Residence	Non-Participating	329977.58	321900.83	0:00	0	0:00	0
457	Year-Round Residence	Non-Participating	329948.82	321900.18	0:00	0	0:00	0
458	Year-Round Residence	Non-Participating	329905.24	322409.79	0:00	0	0:00	0
459	Year-Round Residence	Non-Participating	329939.53	322642.37	0:00	0	0:00	0
460	Year-Round Residence	Non-Participating	329857.45	322954.04	0:00	0	0:00	0
461	Year-Round Residence	Non-Participating	329984.68	323336.66	0:00	0	0:00	0
463	Year-Round Residence	Non-Participating	329945.77	323417.71	0:00	0	0:00	0
464	Year-Round Residence	Non-Participating	330011.66	323421.52	0:00	0	0:00	0
465	Year-Round Residence	Non-Participating	330330.72	323227.03	0:00	0	0:00	0
466	Year-Round Residence	Non-Participating	330332.33	322871.69	0:00	0	0:00	0
467	Year-Round Residence	Non-Participating	330441.67	322861.44	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
468	Year-Round Residence	Non-Participating	330083.48	323608.56	0:00	0	0:00	0
469	Year-Round Residence	Non-Participating	330003.59	323684.98	0:00	0	0:00	0
470	Year-Round Residence	Non-Participating	330027.36	323878.58	0:00	0	0:00	0
471	Year-Round Residence	Non-Participating	330020.19	323990.33	0:00	0	0:00	0
472	Year-Round Residence	Non-Participating	330136.74	324043.02	0:00	0	0:00	0
473	Year-Round Residence	Non-Participating	329949.10	324269.09	0:00	0	0:00	0
474	Year-Round Residence	Non-Participating	330124.85	324574.71	0:00	0	0:00	0
475	Year-Round Residence	Non-Participating	330085.38	324828.88	0:00	0	0:00	0
476	Year-Round Residence	Non-Participating	330115.34	324892.78	0:00	0	0:00	0
477	Year-Round Residence	Non-Participating	330103.04	324933.39	0:00	0	0:00	0
478	Year-Round Residence	Non-Participating	330086.62	325001.42	0:00	0	0:00	0
479	Year-Round Residence	Non-Participating	330079.64	325047.71	0:00	0	0:00	0
480	Year-Round Residence	Non-Participating	329997.46	325045.73	0:00	0	0:00	0
482	Year-Round Residence	Non-Participating	330113.43	325099.39	0:00	0	0:00	0
483	Year-Round Residence	Non-Participating	330134.52	325086.91	0:00	0	0:00	0
485	Year-Round Residence	Non-Participating	330018.53	325123.85	0:00	0	0:00	0
486	Year-Round Residence	Non-Participating	330018.26	325137.96	0:00	0	0:00	0
487	Year-Round Residence	Non-Participating	330059.68	325166.72	0:00	0	0:00	0
488	Year-Round Residence	Non-Participating	330013.69	325173.69	0:00	0	0:00	0
489	Year-Round Residence	Non-Participating	330008.05	325238.32	0:00	0	0:00	0
490	Year-Round Residence	Non-Participating	330049.72	325214.38	0:00	0	0:00	0
492	Year-Round Residence	Non-Participating	330026.74	325413.79	0:00	0	0:00	0
493	Year-Round Residence	Non-Participating	330099.09	325334.14	0:00	0	0:00	0
494	Year-Round Residence	Non-Participating	330129.64	325363.92	0:00	0	0:00	0
495	Year-Round Residence	Non-Participating	330088.31	325520.28	0:00	0	0:00	0
496	Year-Round Residence	Non-Participating	330133.94	325713.33	0:00	0	0:00	0
497	Year-Round Residence	Non-Participating	330131.85	325852.80	0:00	0	0:00	0
498	Year-Round Residence	Non-Participating	330634.49	326436.65	0:00	0	0:00	0
499	Year-Round Residence	Non-Participating	330209.52	325108.52	0:00	0	0:00	0
500	Year-Round Residence	Non-Participating	330550.59	325053.24	0:00	0	0:00	0
501	Year-Round Residence	Non-Participating	331113.94	325036.38	0:00	0	0:00	0
502	Year-Round Residence	Non-Participating	331081.03	325125.58	0:00	0	0:00	0
503	Year-Round Residence	Non-Participating	331043.77	324903.13	0:00	0	0:00	0
504	Year-Round Residence	Non-Participating	330005.17	323534.69	0:00	0	0:00	0
505	Year-Round Residence	Non-Participating	329868.36	323565.09	0:00	0	0:00	0
506	Year-Round Residence	Non-Participating	329347.94	323933.87	0:00	0	0:00	0
507	Year-Round Residence	Non-Participating	329261.79	324196.51	0:00	0	0:00	0
508	Year-Round Residence	Non-Participating	327288.39	323447.52	30:33	31	10:28	628
509	Year-Round Residence	Non-Participating	327335.06	323449.52	32:59	30	11:18	678
510	Year-Round Residence	Non-Participating	327391.76	323456.44	32:42	29	11:12	672
511	Year-Round Residence	Non-Participating	327576.50	323465.03	15:29	24	5:14	314
512	Year-Round Residence	Non-Participating	328047.11	323631.85	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
513	Year-Round Residence	Non-Participating	328120.53	323632.51	0:00	0	0:00	0
514	Year-Round Residence	Non-Participating	328089.58	323546.51	0:00	0	0:00	0
515	Year-Round Residence	Non-Participating	328484.82	323537.93	0:00	0	0:00	0
516	Year-Round Residence	Non-Participating	328672.21	323635.95	23:25	26	8:01	481
517	Year-Round Residence	Non-Participating	328845.65	323707.96	0:00	0	0:00	0
518	Year-Round Residence	Non-Participating	329095.79	323724.23	0:00	0	0:00	0
519	Year-Round Residence	Non-Participating	329151.41	324162.39	0:00	0	0:00	0
520	Year-Round Residence	Non-Participating	329226.49	324277.09	0:00	0	0:00	0
521	Year-Round Residence	Non-Participating	329479.82	324404.19	0:00	0	0:00	0
522	Year-Round Residence	Non-Participating	329505.25	324598.68	0:00	0	0:00	0
523	Year-Round Residence	Non-Participating	329552.43	324699.69	0:00	0	0:00	0
524	Year-Round Residence	Non-Participating	329811.75	325017.99	0:00	0	0:00	0
526	Year-Round Residence	Non-Participating	328948.12	324656.34	0:00	0	0:00	0
527	Year-Round Residence	Non-Participating	328542.55	324881.84	31:33	32	8:43	523
528	Year-Round Residence	Non-Participating	328724.14	324956.55	12:56	27	4:00	240
529	Year-Round Residence	Non-Participating	328534.45	324976.61	30:53	32	7:58	478
530	Year-Round Residence	Non-Participating	328333.33	325321.72	31:51	37	6:40	400
531	Year-Round Residence	Non-Participating	328415.82	325312.78	19:22	34	4:41	281
532	Year-Round Residence	Non-Participating	328667.48	325315.61	12:35	27	3:08	188
533	Year-Round Residence	Non-Participating	329056.75	325208.36	0:00	0	0:00	0
534	Year-Round Residence	Non-Participating	329104.31	325224.48	0:00	0	0:00	0
535	Year-Round Residence	Non-Participating	329171.23	325228.41	0:00	0	0:00	0
536	Year-Round Residence	Non-Participating	329416.20	325057.07	0:00	0	0:00	0
537	Year-Round Residence	Non-Participating	327087.71	323490.62	11:51	25	4:01	241
538	Year-Round Residence	Non-Participating	326996.77	323448.82	0:00	0	0:00	0
539	Year-Round Residence	Non-Participating	327028.98	323617.64	45:43	41	15:36	936
540	Year-Round Residence	Non-Participating	327012.42	323661.50	55:22	42	18:46	1126
541	Year-Round Residence	Non-Participating	326962.47	323754.45	62:31	45	20:44	1244
542	Year-Round Residence	Non-Participating	326946.82	323784.39	53:48	46	17:38	1058
543	Year-Round Residence	Non-Participating	326931.48	323842.78	45:26	46	14:39	879
552	Year-Round Residence	Non-Participating	326755.39	325346.80	76:01	44	17:19	1039
553	Year-Round Residence	Non-Participating	327187.08	325373.13	157:28	103	28:13	1693
554	Year-Round Residence	Non-Participating	327684.86	325423.87	89:10	74	13:30	810
555	Year-Round Residence	Non-Participating	327986.87	325353.51	54:37	54	10:56	656
556	Year-Round Residence	Non-Participating	328153.86	325350.10	34:11	44	7:40	460
557	Year-Round Residence	Non-Participating	328156.33	325593.76	51:08	39	8:04	484
558	Year-Round Residence	Non-Participating	327981.66	325844.33	0:00	0	0:00	0
559	Year-Round Residence	Non-Participating	328020.08	326073.13	0:00	0	0:00	0
560	Year-Round Residence	Non-Participating	327572.80	326269.47	0:00	0	0:00	0
561	Year-Round Residence	Non-Participating	327421.78	326374.56	0:00	0	0:00	0
562	Year-Round Residence	Non-Participating	327466.54	326447.32	0:00	0	0:00	0
563	Year-Round Residence	Non-Participating	327098.61	326609.78	0:00	0	0:00	0



Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
564	Year-Round Residence	Non-Participating	327018.60	326644.87	0:00	0	0:00	0
565	Year-Round Residence	Non-Participating	327038.44	326770.60	0:00	0	0:00	0
566	Year-Round Residence	Non-Participating	326830.62	326745.87	0:00	0	0:00	0
567	Year-Round Residence	Non-Participating	326755.68	326841.46	0:00	0	0:00	0
568	Year-Round Residence	Non-Participating	326594.75	326866.98	0:00	0	0:00	0
569	Year-Round Residence	Non-Participating	326506.05	326868.43	0:00	0	0:00	0
570	Year-Round Residence	Non-Participating	326639.50	326964.12	0:00	0	0:00	0
571	Year-Round Residence	Non-Participating	326564.98	327009.89	0:00	0	0:00	0
572	Year-Round Residence	Non-Participating	326701.57	327022.18	0:00	0	0:00	0
573	Year-Round Residence	Non-Participating	326607.05	327077.44	0:00	0	0:00	0
574	Year-Round Residence	Non-Participating	326739.57	327093.25	0:00	0	0:00	0
575	Year-Round Residence	Non-Participating	326855.73	327172.07	0:00	0	0:00	0
576	Year-Round Residence	Non-Participating	326659.48	327221.49	0:00	0	0:00	0
577	Year-Round Residence	Non-Participating	326775.48	327244.34	0:00	0	0:00	0
578	Year-Round Residence	Non-Participating	326695.98	327292.67	0:00	0	0:00	0
579	Year-Round Residence	Non-Participating	326792.03	327297.26	0:00	0	0:00	0
580	Year-Round Residence	Non-Participating	326896.33	327387.16	0:00	0	0:00	0
581	Year-Round Residence	Non-Participating	326908.21	327453.02	0:00	0	0:00	0
582	Year-Round Residence	Non-Participating	328464.84	322714.81	0:00	0	0:00	0
583	Year-Round Residence	Non-Participating	328548.86	322814.99	0:00	0	0:00	0
584	Year-Round Residence	Non-Participating	328501.26	322867.24	0:00	0	0:00	0
585	Year-Round Residence	Non-Participating	328475.00	323052.29	0:00	0	0:00	0
586	Year-Round Residence	Non-Participating	330070.41	326271.36	0:00	0	0:00	0
587	Year-Round Residence	Non-Participating	329980.77	326335.86	0:00	0	0:00	0
588	Year-Round Residence	Non-Participating	329865.75	326348.73	0:00	0	0:00	0
590	Year-Round Residence	Non-Participating	329909.52	326586.66	0:00	0	0:00	0
591	Year-Round Residence	Non-Participating	329674.57	326862.50	0:00	0	0:00	0
592	Year-Round Residence	Non-Participating	329741.46	327247.66	0:00	0	0:00	0
593	Year-Round Residence	Non-Participating	329667.33	327452.83	0:00	0	0:00	0
594	Year-Round Residence	Non-Participating	329786.61	327570.30	0:00	0	0:00	0
595	Year-Round Residence	Non-Participating	329659.26	327523.82	0:00	0	0:00	0
596	Year-Round Residence	Non-Participating	329665.46	327778.01	0:00	0	0:00	0
597	Year-Round Residence	Non-Participating	329876.60	327713.09	0:00	0	0:00	0
598	Year-Round Residence	Non-Participating	329690.66	326380.12	0:00	0	0:00	0
599	Year-Round Residence	Non-Participating	329493.20	326408.86	0:00	0	0:00	0
600	Year-Round Residence	Non-Participating	329088.24	326818.38	0:00	0	0:00	0
601	Year-Round Residence	Non-Participating	328838.10	327314.44	0:00	0	0:00	0
603	Year-Round Residence	Non-Participating	328540.83	327937.99	0:00	0	0:00	0
604	Year-Round Residence	Non-Participating	328548.14	328125.00	0:00	0	0:00	0
605	Year-Round Residence	Non-Participating	328511.74	328266.48	0:00	0	0:00	0
606	Year-Round Residence	Non-Participating	328475.05	328349.28	0:00	0	0:00	0
607	Year-Round Residence	Non-Participating	328476.55	328401.65	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
608	Year-Round Residence	Non-Participating	328381.01	328457.39	0:00	0	0:00	0
609	Year-Round Residence	Non-Participating	327895.13	327465.04	0:00	0	0:00	0
610	Year-Round Residence	Non-Participating	327415.20	327653.33	0:00	0	0:00	0
611	Year-Round Residence	Non-Participating	327588.98	327484.75	0:00	0	0:00	0
612	Year-Round Residence	Non-Participating	327835.02	327094.72	0:00	0	0:00	0
613	Year-Round Residence	Non-Participating	327781.47	327118.13	0:00	0	0:00	0
614	Year-Round Residence	Non-Participating	327762.70	327142.24	0:00	0	0:00	0
615	Year-Round Residence	Non-Participating	327678.01	326917.60	0:00	0	0:00	0
616	Year-Round Residence	Non-Participating	327470.70	326839.66	0:00	0	0:00	0
617	Year-Round Residence	Non-Participating	326708.71	325510.49	78:25	48	15:33	933
618	Year-Round Residence	Non-Participating	326712.96	325555.38	82:50	49	15:33	933
619	Year-Round Residence	Non-Participating	326695.20	325726.06	71:32	58	11:29	689
621	Year-Round Residence	Non-Participating	326701.99	326079.42	0:00	0	0:00	0
622	Year-Round Residence	Non-Participating	326602.66	326054.42	0:00	0	0:00	0
623	Year-Round Residence	Non-Participating	326586.41	326168.23	0:00	0	0:00	0
624	Year-Round Residence	Non-Participating	326584.79	326238.63	0:00	0	0:00	0
625	Year-Round Residence	Non-Participating	326411.39	326280.73	0:00	0	0:00	0
626	Year-Round Residence	Non-Participating	326477.82	326395.59	0:00	0	0:00	0
627	Year-Round Residence	Non-Participating	326441.62	326451.40	0:00	0	0:00	0
628	Year-Round Residence	Non-Participating	326401.74	326599.84	0:00	0	0:00	0
629	Year-Round Residence	Non-Participating	326481.82	326785.91	0:00	0	0:00	0
630	Year-Round Residence	Non-Participating	326414.92	326914.05	0:00	0	0:00	0
631	Year-Round Residence	Non-Participating	326326.64	326919.04	0:00	0	0:00	0
632	Year-Round Residence	Non-Participating	326246.96	326933.13	0:00	0	0:00	0
633	Year-Round Residence	Non-Participating	326142.75	326931.26	0:00	0	0:00	0
634	Year-Round Residence	Non-Participating	325950.33	326982.90	0:00	0	0:00	0
635	Year-Round Residence	Non-Participating	325740.63	327009.10	0:00	0	0:00	0
636	Year-Round Residence	Non-Participating	325672.13	327507.94	0:00	0	0:00	0
637	Year-Round Residence	Non-Participating	325700.00	327630.91	0:00	0	0:00	0
638	Year-Round Residence	Non-Participating	325672.34	328040.57	0:00	0	0:00	0
639	Year-Round Residence	Non-Participating	325746.08	328063.11	0:00	0	0:00	0
640	Year-Round Residence	Non-Participating	325691.72	328124.28	0:00	0	0:00	0
641	Year-Round Residence	Non-Participating	325711.11	328221.86	0:00	0	0:00	0
642	Year-Round Residence	Non-Participating	325744.19	328336.83	0:00	0	0:00	0
643	Year-Round Residence	Non-Participating	325674.29	328375.31	0:00	0	0:00	0
644	Year-Round Residence	Non-Participating	326012.20	328401.63	0:00	0	0:00	0
645	Year-Round Residence	Non-Participating	326152.27	328506.18	0:00	0	0:00	0
646	Year-Round Residence	Non-Participating	326113.01	328409.67	0:00	0	0:00	0
647	Year-Round Residence	Non-Participating	326212.02	328424.82	0:00	0	0:00	0
648	Year-Round Residence	Non-Participating	326318.65	328501.06	0:00	0	0:00	0
649	Year-Round Residence	Non-Participating	326410.82	328582.70	0:00	0	0:00	0
650	Year-Round Residence	Non-Participating	326493.76	328550.96	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
651	Year-Round Residence	Non-Participating	326851.80	328497.00	0:00	0	0:00	0
652	Year-Round Residence	Non-Participating	326613.69	328392.95	0:00	0	0:00	0
653	Year-Round Residence	Non-Participating	326572.88	325697.83	95:26	77	15:23	923
654	Year-Round Residence	Non-Participating	326496.07	325713.02	88:10	78	14:01	841
655	Year-Round Residence	Non-Participating	326404.00	325722.64	65:32	63	10:15	615
656	Year-Round Residence	Non-Participating	326367.51	325624.10	90:31	68	14:18	858
657	Year-Round Residence	Non-Participating	326332.81	325715.92	42:14	41	6:37	397
658	Year-Round Residence	Non-Participating	326307.12	325606.54	86:13	64	13:20	800
659	Year-Round Residence	Non-Participating	326269.00	325693.83	28:34	34	4:31	271
660	Year-Round Residence	Non-Participating	326224.58	325615.64	56:18	58	8:42	522
661	Year-Round Residence	Non-Participating	326198.44	325709.84	10:28	23	1:56	116
662	Year-Round Residence	Non-Participating	325969.48	325710.06	0:00	0	0:00	0
663	Year-Round Residence	Non-Participating	325700.57	326014.11	0:00	0	0:00	0
664	Year-Round Residence	Non-Participating	325743.82	326057.97	0:00	0	0:00	0
665	Year-Round Residence	Non-Participating	325751.65	326129.23	0:00	0	0:00	0
666	Year-Round Residence	Non-Participating	325754.69	326203.32	0:00	0	0:00	0
667	Year-Round Residence	Non-Participating	325736.82	326261.21	0:00	0	0:00	0
668	Year-Round Residence	Non-Participating	325744.91	326331.06	0:00	0	0:00	0
669	Year-Round Residence	Non-Participating	325747.75	326429.03	0:00	0	0:00	0
670	Year-Round Residence	Non-Participating	325750.08	326486.12	0:00	0	0:00	0
671	Year-Round Residence	Non-Participating	325854.60	326663.33	0:00	0	0:00	0
672	Year-Round Residence	Non-Participating	325425.65	326994.85	0:00	0	0:00	0
673	Year-Round Residence	Non-Participating	325104.03	327882.84	0:00	0	0:00	0
674	Year-Round Residence	Non-Participating	325016.17	327892.05	0:00	0	0:00	0
675	Year-Round Residence	Non-Participating	324942.80	328055.65	0:00	0	0:00	0
676	Year-Round Residence	Non-Participating	324115.74	328036.99	0:00	0	0:00	0
677	Year-Round Residence	Non-Participating	324313.27	327911.51	0:00	0	0:00	0
678	Year-Round Residence	Non-Participating	324383.65	327571.59	27:12	27	4:08	248
679	Year-Round Residence	Non-Participating	324665.78	327336.01	10:44	24	2:13	133
681	Year-Round Residence	Non-Participating	325155.76	326738.40	0:00	0	0:00	0
682	Year-Round Residence	Non-Participating	325269.53	325663.08	43:16	63	8:39	519
683	Year-Round Residence	Non-Participating	325279.20	325628.61	42:45	64	8:56	536
684	Year-Round Residence	Non-Participating	325296.66	325606.08	43:24	65	9:17	557
685	Year-Round Residence	Non-Participating	325319.64	325594.68	44:22	65	9:37	577
687	Year-Round Residence	Non-Participating	323607.51	327541.12	0:00	0	0:00	0
688	Year-Round Residence	Non-Participating	323634.85	327473.47	0:00	0	0:00	0
689	Year-Round Residence	Non-Participating	323667.47	327422.53	0:00	0	0:00	0
690	Year-Round Residence	Non-Participating	323743.37	327378.89	2:23	13	0:17	17
691	Year-Round Residence	Non-Participating	323948.14	326728.54	51:24	54	15:46	946
692	Year-Round Residence	Non-Participating	323917.32	326574.41	98:32	57	32:13	1933
693	Year-Round Residence	Non-Participating	323939.22	326503.06	79:05	56	26:38	1598
694	Year-Round Residence	Non-Participating	324022.63	326186.20	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
696	Year-Round Residence	Non-Participating	324194.77	325741.25	0:00	0	0:00	0
697	Year-Round Residence	Non-Participating	324282.81	325570.53	17:59	36	2:29	149
698	Year-Round Residence	Non-Participating	324363.05	325478.61	73:21	58	11:09	669
699	Year-Round Residence	Non-Participating	324594.92	324913.88	176:31	75	41:59	2519
700	Year-Round Residence	Non-Participating	324831.93	324371.68	103:00	51	33:09	1989
701	Year-Round Residence	Non-Participating	324991.93	323830.97	14:49	29	4:38	278
703	Year-Round Residence	Non-Participating	322846.05	326170.30	70:39	47	22:23	1343
704	Year-Round Residence	Non-Participating	322857.95	326139.50	62:37	47	19:56	1196
705	Year-Round Residence	Non-Participating	323158.90	325496.31	33:03	37	6:09	369
706	Year-Round Residence	Non-Participating	323320.03	324905.64	86:10	51	24:09	1449
708	Year-Round Residence	Non-Participating	323690.28	324591.21	82:47	69	24:41	1481
709	Year-Round Residence	Non-Participating	323599.59	324540.28	63:21	60	19:30	1170
710	Year-Round Residence	Non-Participating	324371.67	323917.57	15:14	31	4:14	254
711	Year-Round Residence	Non-Participating	322599.52	325185.83	56:01	38	9:38	578
713	Year-Round Residence	Non-Participating	323281.10	323143.80	0:00	0	0:00	0
714	Seasonal Residence	Non-Participating	325745.16	321821.92	0:00	0	0:00	0
715	Seasonal Residence	Non-Participating	326701.27	325635.06	76:41	55	13:26	806
716	Seasonal Residence	Non-Participating	325343.12	327976.48	0:00	0	0:00	0
717	Seasonal Residence	Non-Participating	325366.04	327983.59	0:00	0	0:00	0
718	Seasonal Residence	Non-Participating	325345.23	327936.13	0:00	0	0:00	0
719	Seasonal Residence	Non-Participating	325377.89	327944.19	0:00	0	0:00	0
720	Seasonal Residence	Non-Participating	325400.21	327958.17	0:00	0	0:00	0
721	Seasonal Residence	Non-Participating	325356.06	327914.30	0:00	0	0:00	0
722	Seasonal Residence	Non-Participating	325371.98	327892.02	0:00	0	0:00	0
723	Seasonal Residence	Non-Participating	325400.05	327932.38	0:00	0	0:00	0
724	Seasonal Residence	Non-Participating	325402.60	327910.25	0:00	0	0:00	0
725	Seasonal Residence	Non-Participating	325418.02	327904.20	0:00	0	0:00	0
726	Seasonal Residence	Non-Participating	325409.08	327888.46	0:00	0	0:00	0
727	Seasonal Residence	Non-Participating	325419.54	327876.89	0:00	0	0:00	0
728	Seasonal Residence	Non-Participating	325413.45	328009.73	0:00	0	0:00	0
729	Seasonal Residence	Non-Participating	325393.45	327973.71	0:00	0	0:00	0
730	Seasonal Residence	Non-Participating	325454.06	328015.84	0:00	0	0:00	0
731	Seasonal Residence	Non-Participating	325480.37	328044.51	0:00	0	0:00	0
732	Seasonal Residence	Non-Participating	325490.48	328033.29	0:00	0	0:00	0
733	Seasonal Residence	Non-Participating	325471.95	328003.69	0:00	0	0:00	0
734	Seasonal Residence	Non-Participating	325483.03	327995.61	0:00	0	0:00	0
735	Seasonal Residence	Non-Participating	325547.38	328013.83	0:00	0	0:00	0
736	Seasonal Residence	Non-Participating	325563.23	328024.46	0:00	0	0:00	0
737	Seasonal Residence	Non-Participating	325516.86	328018.94	0:00	0	0:00	0
738	Seasonal Residence	Non-Participating	325514.02	328002.52	0:00	0	0:00	0
739	Seasonal Residence	Non-Participating	325531.43	327979.98	0:00	0	0:00	0
740	Seasonal Residence	Non-Participating	325629.78	328003.20	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
741	Seasonal Residence	Non-Participating	325543.56	327921.70	0:00	0	0:00	0
742	Seasonal Residence	Non-Participating	325596.85	327929.07	0:00	0	0:00	0
743	Seasonal Residence	Non-Participating	325583.77	327965.54	0:00	0	0:00	0
744	Seasonal Residence	Non-Participating	325602.10	327960.98	0:00	0	0:00	0
745	Seasonal Residence	Non-Participating	325561.30	327937.44	0:00	0	0:00	0
746	Seasonal Residence	Non-Participating	325446.29	328026.82	0:00	0	0:00	0
747	Seasonal Residence	Non-Participating	325658.48	328135.24	0:00	0	0:00	0
748	Seasonal Residence	Non-Participating	325661.48	326324.43	0:00	0	0:00	0
878	Year-Round Residence	Non-Participating	325945.81	326888.42	0:00	0	0:00	0
940	Year-Round Residence	Non-Participating	327613.59	320420.17	0:00	0	0:00	0
998	Year-Round Residence	Non-Participating	324166.93	321721.96	0:00	0	0:00	0
1003	Year-Round Residence	Non-Participating	324046.35	321189.46	0:00	0	0:00	0
1025	Year-Round Residence	Non-Participating	330339.16	322901.61	0:00	0	0:00	0
1122	Year-Round Residence	Non-Participating	325000.23	327144.27	0:00	0	0:00	0
1129	Year-Round Residence	Non-Participating	324047.36	325972.98	0:00	0	0:00	0
1144	Year-Round Residence	Non-Participating	325887.36	323375.87	0:00	0	0:00	0
1145	Year-Round Residence	Non-Participating	325890.11	323346.79	0:00	0	0:00	0
1147	Year-Round Residence	Non-Participating	329880.15	322685.06	0:00	0	0:00	0
1148	Year-Round Residence	Non-Participating	329952.55	325105.23	0:00	0	0:00	0
1152	Year-Round Residence	Non-Participating	328507.39	328156.85	0:00	0	0:00	0
1156	Seasonal Residence	Non-Participating	323927.02	326942.58	44:49	52	10:55	655
1163	Year-Round Residence	Non-Participating	324570.27	327397.25	12:59	25	2:22	142
1164	Year-Round Residence	Non-Participating	324599.72	327375.63	12:10	25	2:19	139
1166	Year-Round Residence	Non-Participating	325724.92	327986.21	0:00	0	0:00	0
1167	Year-Round Residence	Non-Participating	326355.85	328616.48	0:00	0	0:00	0
1168	Year-Round Residence	Non-Participating	326482.93	326886.36	0:00	0	0:00	0
1169	Year-Round Residence	Non-Participating	326681.45	327386.34	0:00	0	0:00	0
1171	Year-Round Residence	Non-Participating	327603.15	325435.83	70:00	72	10:25	625
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	218:31	87	56:06	3366
1174	Year-Round Residence	Non-Participating	328258.97	324981.09	55:55	42	14:12	852
1176	Year-Round Residence	Non-Participating	330335.09	324905.12	0:00	0	0:00	0
1177	Year-Round Residence	Non-Participating	330153.01	325466.87	0:00	0	0:00	0
1178	Year-Round Residence	Non-Participating	324583.88	320893.66	0:00	0	0:00	0
1179	Year-Round Residence	Non-Participating	327064.62	323283.95	0:00	0	0:00	0
1183	Year-Round Residence	Non-Participating	328511.02	322768.13	0:00	0	0:00	0
1224	Year-Round Residence	Non-Participating	316822.82	329014.14	9:54	24	3:02	182
1275	Year-Round Residence	Non-Participating	322070.83	327704.69	0:00	0	0:00	0
1365	Year-Round Residence	Non-Participating	320539.86	330746.94	0:00	0	0:00	0
1406	Year-Round Residence	Non-Participating	319551.11	322646.06	0:00	0	0:00	0
1409	Year-Round Residence	Non-Participating	323113.39	320090.60	0:00	0	0:00	0
1419	Seasonal Residence	Non-Participating	313209.56	328767.83	0:00	0	0:00	0
1421	Seasonal Residence	Non-Participating	316258.35	332105.08	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1422	Seasonal Residence	Non-Participating	317821.10	332559.73	0:00	0	0:00	0
1423	Seasonal Residence	Non-Participating	316491.12	329705.46	0:00	0	0:00	0
1425	Seasonal Residence	Non-Participating	313664.39	325982.83	0:00	0	0:00	0
1426	Seasonal Residence	Non-Participating	316087.96	326037.01	39:53	31	12:30	750
1427	Seasonal Residence	Non-Participating	316116.75	325871.01	15:38	28	4:52	292
1428	Seasonal Residence	Non-Participating	315968.20	326636.82	23:16	29	6:16	376
1430	Seasonal Residence	Non-Participating	320063.55	329354.58	23:40	36	4:49	289
1432	Seasonal Residence	Non-Participating	319185.70	326447.45	59:58	49	15:03	903
1433	Seasonal Residence	Non-Participating	319901.71	329969.79	0:00	0	0:00	0
1434	Seasonal Residence	Non-Participating	323920.16	328604.23	0:00	0	0:00	0
1438	Year-Round Residence	Non-Participating	318721.38	329731.20	62:29	51	9:30	570
1439	Year-Round Residence	Non-Participating	312967.76	326979.39	0:00	0	0:00	0
1440	Year-Round Residence	Non-Participating	313042.05	326949.42	0:00	0	0:00	0
1441	Year-Round Residence	Non-Participating	313111.01	326969.73	0:00	0	0:00	0
1442	Year-Round Residence	Non-Participating	313191.15	327029.38	0:00	0	0:00	0
1443	Year-Round Residence	Non-Participating	313258.73	327007.33	0:00	0	0:00	0
1444	Year-Round Residence	Non-Participating	313377.60	327129.66	0:00	0	0:00	0
1445	Year-Round Residence	Non-Participating	313311.36	327194.05	0:00	0	0:00	0
1446	Year-Round Residence	Non-Participating	313174.86	327170.26	0:00	0	0:00	0
1447	Year-Round Residence	Non-Participating	313161.11	327222.95	0:00	0	0:00	0
1448	Year-Round Residence	Non-Participating	313125.99	327262.87	0:00	0	0:00	0
1449	Year-Round Residence	Non-Participating	313092.30	327319.27	0:00	0	0:00	0
1450	Year-Round Residence	Non-Participating	313053.96	327352.15	0:00	0	0:00	0
1451	Year-Round Residence	Non-Participating	313034.29	327397.98	0:00	0	0:00	0
1452	Year-Round Residence	Non-Participating	313120.41	327475.47	0:00	0	0:00	0
1453	Year-Round Residence	Non-Participating	312972.61	327495.45	0:00	0	0:00	0
1454	Year-Round Residence	Non-Participating	313196.59	326572.88	0:00	0	0:00	0
1455	Year-Round Residence	Non-Participating	313179.66	326499.26	0:00	0	0:00	0
1456	Year-Round Residence	Non-Participating	313272.81	326547.92	0:00	0	0:00	0
1457	Year-Round Residence	Non-Participating	313257.94	326470.93	0:00	0	0:00	0
1458	Year-Round Residence	Non-Participating	313346.76	326533.97	0:00	0	0:00	0
1459	Year-Round Residence	Non-Participating	313329.10	326450.26	0:00	0	0:00	0
1460	Year-Round Residence	Non-Participating	313406.02	326508.66	0:00	0	0:00	0
1461	Year-Round Residence	Non-Participating	313400.40	326413.17	0:00	0	0:00	0
1462	Year-Round Residence	Non-Participating	313345.60	326366.75	0:00	0	0:00	0
1463	Year-Round Residence	Non-Participating	313259.28	326356.70	0:00	0	0:00	0
1464	Year-Round Residence	Non-Participating	313197.06	326246.34	0:00	0	0:00	0
1465	Year-Round Residence	Non-Participating	313237.91	326133.43	0:00	0	0:00	0
1466	Year-Round Residence	Non-Participating	313431.39	326286.56	0:00	0	0:00	0
1467	Year-Round Residence	Non-Participating	313364.20	327216.23	0:00	0	0:00	0
1468	Year-Round Residence	Non-Participating	313481.86	327262.51	0:00	0	0:00	0
1469	Year-Round Residence	Non-Participating	313703.14	327291.26	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1470	Year-Round Residence	Non-Participating	313751.46	327308.59	0:00	0	0:00	0
1471	Year-Round Residence	Non-Participating	313806.07	327415.41	0:00	0	0:00	0
1472	Year-Round Residence	Non-Participating	313917.19	327390.29	0:00	0	0:00	0
1473	Year-Round Residence	Non-Participating	313592.39	327089.79	0:00	0	0:00	0
1474	Year-Round Residence	Non-Participating	313638.97	327081.09	0:00	0	0:00	0
1475	Year-Round Residence	Non-Participating	313699.78	327128.42	0:00	0	0:00	0
1476	Year-Round Residence	Non-Participating	313783.15	327128.53	0:00	0	0:00	0
1477	Year-Round Residence	Non-Participating	313722.90	327044.75	0:00	0	0:00	0
1478	Year-Round Residence	Non-Participating	313779.01	327056.60	0:00	0	0:00	0
1479	Year-Round Residence	Non-Participating	313828.68	327039.61	0:00	0	0:00	0
1480	Year-Round Residence	Non-Participating	313842.30	327129.09	0:00	0	0:00	0
1481	Year-Round Residence	Non-Participating	313910.71	327136.72	0:00	0	0:00	0
1482	Year-Round Residence	Non-Participating	313924.65	327021.49	0:00	0	0:00	0
1483	Year-Round Residence	Non-Participating	314253.38	327418.18	0:00	0	0:00	0
1484	Year-Round Residence	Non-Participating	314297.96	327484.44	0:00	0	0:00	0
1485	Year-Round Residence	Non-Participating	314248.18	327650.62	0:00	0	0:00	0
1486	Year-Round Residence	Non-Participating	314162.36	327635.89	0:00	0	0:00	0
1487	Year-Round Residence	Non-Participating	314002.12	327458.34	0:00	0	0:00	0
1488	Year-Round Residence	Non-Participating	313970.42	327505.32	0:00	0	0:00	0
1489	Year-Round Residence	Non-Participating	313980.93	327557.55	0:00	0	0:00	0
1490	Year-Round Residence	Non-Participating	313943.32	327914.61	0:00	0	0:00	0
1491	Year-Round Residence	Non-Participating	313932.71	327989.83	0:00	0	0:00	0
1493	Year-Round Residence	Non-Participating	313815.68	328474.02	0:00	0	0:00	0
1494	Year-Round Residence	Non-Participating	313721.93	328454.62	0:00	0	0:00	0
1496	Year-Round Residence	Non-Participating	313628.66	329025.75	0:00	0	0:00	0
1497	Year-Round Residence	Non-Participating	313697.09	329799.65	0:00	0	0:00	0
1498	Year-Round Residence	Non-Participating	313687.67	330025.45	0:00	0	0:00	0
1499	Year-Round Residence	Non-Participating	313601.18	330082.10	0:00	0	0:00	0
1500	Year-Round Residence	Non-Participating	313413.64	330010.49	0:00	0	0:00	0
1501	Year-Round Residence	Non-Participating	313829.25	330028.78	0:00	0	0:00	0
1502	Year-Round Residence	Non-Participating	313964.92	330096.38	0:00	0	0:00	0
1503	Year-Round Residence	Non-Participating	313999.76	330029.11	0:00	0	0:00	0
1504	Year-Round Residence	Non-Participating	314067.00	330034.76	0:00	0	0:00	0
1505	Year-Round Residence	Non-Participating	314035.46	330085.76	0:00	0	0:00	0
1506	Year-Round Residence	Non-Participating	314260.71	330096.96	0:00	0	0:00	0
1507	Year-Round Residence	Non-Participating	314285.14	330021.87	0:00	0	0:00	0
1508	Year-Round Residence	Non-Participating	314451.52	330019.85	0:00	0	0:00	0
1509	Year-Round Residence	Non-Participating	314533.04	330027.50	0:00	0	0:00	0
1511	Year-Round Residence	Non-Participating	314932.90	330000.03	0:00	0	0:00	0
1512	Year-Round Residence	Non-Participating	315001.78	330054.61	0:00	0	0:00	0
1513	Year-Round Residence	Non-Participating	314997.99	329999.36	0:00	0	0:00	0
1514	Year-Round Residence	Non-Participating	315010.48	329939.82	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1515	Year-Round Residence	Non-Participating	315011.59	330199.68	0:00	0	0:00	0
1516	Year-Round Residence	Non-Participating	315009.83	330268.05	0:00	0	0:00	0
1517	Year-Round Residence	Non-Participating	314932.67	330460.58	0:00	0	0:00	0
1519	Year-Round Residence	Non-Participating	314939.30	330576.96	0:00	0	0:00	0
1520	Year-Round Residence	Non-Participating	315012.13	330682.81	0:00	0	0:00	0
1521	Year-Round Residence	Non-Participating	314910.30	331361.14	0:00	0	0:00	0
1522	Year-Round Residence	Non-Participating	314924.00	331425.38	0:00	0	0:00	0
1523	Year-Round Residence	Non-Participating	315051.38	331423.62	0:00	0	0:00	0
1524	Year-Round Residence	Non-Participating	314916.10	331481.80	0:00	0	0:00	0
1525	Year-Round Residence	Non-Participating	314914.50	331550.79	0:00	0	0:00	0
1526	Year-Round Residence	Non-Participating	314979.50	331612.67	0:00	0	0:00	0
1528	Year-Round Residence	Non-Participating	315767.33	332047.04	0:00	0	0:00	0
1529	Year-Round Residence	Non-Participating	315835.06	332039.26	0:00	0	0:00	0
1530	Year-Round Residence	Non-Participating	315885.10	332053.75	0:00	0	0:00	0
1531	Year-Round Residence	Non-Participating	316179.66	332111.57	0:00	0	0:00	0
1532	Year-Round Residence	Non-Participating	316243.14	332049.68	0:00	0	0:00	0
1533	Year-Round Residence	Non-Participating	316965.40	332094.86	0:00	0	0:00	0
1534	Year-Round Residence	Non-Participating	316940.62	332517.63	0:00	0	0:00	0
1535	Year-Round Residence	Non-Participating	316948.80	332661.74	0:00	0	0:00	0
1536	Year-Round Residence	Non-Participating	317162.01	332007.60	0:00	0	0:00	0
1537	Year-Round Residence	Non-Participating	317303.94	331926.49	0:00	0	0:00	0
1538	Year-Round Residence	Non-Participating	317470.51	332078.34	0:00	0	0:00	0
1539	Year-Round Residence	Non-Participating	317531.49	332035.95	0:00	0	0:00	0
1540	Year-Round Residence	Non-Participating	315162.28	331387.59	0:00	0	0:00	0
1541	Year-Round Residence	Non-Participating	315242.14	331410.61	0:00	0	0:00	0
1542	Year-Round Residence	Non-Participating	315187.86	331505.88	0:00	0	0:00	0
1543	Year-Round Residence	Non-Participating	315555.89	331563.03	0:00	0	0:00	0
1544	Year-Round Residence	Non-Participating	315538.74	331503.09	0:00	0	0:00	0
1545	Year-Round Residence	Non-Participating	315916.58	331615.03	0:00	0	0:00	0
1546	Year-Round Residence	Non-Participating	316384.90	331774.75	0:00	0	0:00	0
1547	Year-Round Residence	Non-Participating	317251.00	331773.09	0:00	0	0:00	0
1548	Year-Round Residence	Non-Participating	317771.95	332376.33	0:00	0	0:00	0
1549	Year-Round Residence	Non-Participating	317928.99	332531.91	0:00	0	0:00	0
1550	Year-Round Residence	Non-Participating	317912.84	332517.00	0:00	0	0:00	0
1551	Year-Round Residence	Non-Participating	317956.75	332503.53	0:00	0	0:00	0
1552	Year-Round Residence	Non-Participating	318173.58	332579.80	0:00	0	0:00	0
1553	Year-Round Residence	Non-Participating	318198.75	332538.77	0:00	0	0:00	0
1554	Year-Round Residence	Non-Participating	318297.85	332645.62	0:00	0	0:00	0
1555	Year-Round Residence	Non-Participating	318392.60	332680.07	0:00	0	0:00	0
1556	Year-Round Residence	Non-Participating	318899.32	333078.03	0:00	0	0:00	0
1557	Year-Round Residence	Non-Participating	318618.06	333462.22	0:00	0	0:00	0
1558	Year-Round Residence	Non-Participating	318595.67	333526.37	0:00	0	0:00	0



Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1559	Year-Round Residence	Non-Participating	318651.84	333523.40	0:00	0	0:00	0
1561	Year-Round Residence	Non-Participating	318842.75	333517.28	0:00	0	0:00	0
1562	Year-Round Residence	Non-Participating	319036.75	333421.10	0:00	0	0:00	0
1563	Year-Round Residence	Non-Participating	319176.82	333363.00	0:00	0	0:00	0
1564	Year-Round Residence	Non-Participating	319207.68	333346.72	0:00	0	0:00	0
1565	Year-Round Residence	Non-Participating	319504.27	333413.13	0:00	0	0:00	0
1566	Year-Round Residence	Non-Participating	317506.43	333622.88	0:00	0	0:00	0
1567	Year-Round Residence	Non-Participating	317672.08	333519.27	0:00	0	0:00	0
1568	Year-Round Residence	Non-Participating	317946.98	333513.69	0:00	0	0:00	0
1569	Year-Round Residence	Non-Participating	318306.56	333526.46	0:00	0	0:00	0
1570	Year-Round Residence	Non-Participating	318962.92	333114.33	0:00	0	0:00	0
1571	Year-Round Residence	Non-Participating	318931.70	333010.16	0:00	0	0:00	0
1572	Year-Round Residence	Non-Participating	318945.85	332637.68	0:00	0	0:00	0
1573	Year-Round Residence	Non-Participating	318960.04	332427.90	0:00	0	0:00	0
1574	Year-Round Residence	Non-Participating	318870.32	332207.11	0:00	0	0:00	0
1575	Year-Round Residence	Non-Participating	318885.37	332111.27	0:00	0	0:00	0
1576	Year-Round Residence	Non-Participating	318938.14	332143.57	0:00	0	0:00	0
1577	Year-Round Residence	Non-Participating	318937.99	332085.30	0:00	0	0:00	0
1578	Year-Round Residence	Non-Participating	318876.04	331665.43	0:00	0	0:00	0
1579	Year-Round Residence	Non-Participating	318317.00	331795.20	0:00	0	0:00	0
1580	Year-Round Residence	Non-Participating	318255.95	331816.99	0:00	0	0:00	0
1581	Year-Round Residence	Non-Participating	318142.94	331788.38	0:00	0	0:00	0
1582	Year-Round Residence	Non-Participating	318052.40	331754.82	0:00	0	0:00	0
1583	Year-Round Residence	Non-Participating	318019.80	331786.40	0:00	0	0:00	0
1584	Year-Round Residence	Non-Participating	316831.43	331217.22	0:00	0	0:00	0
1585	Year-Round Residence	Non-Participating	316859.36	331102.09	0:00	0	0:00	0
1586	Year-Round Residence	Non-Participating	316826.82	331047.66	0:00	0	0:00	0
1587	Year-Round Residence	Non-Participating	316853.49	330976.13	0:00	0	0:00	0
1588	Year-Round Residence	Non-Participating	316843.19	330708.39	0:00	0	0:00	0
1589	Year-Round Residence	Non-Participating	316836.94	330583.82	0:00	0	0:00	0
1590	Year-Round Residence	Non-Participating	316840.66	330247.46	0:00	0	0:00	0
1592	Year-Round Residence	Non-Participating	316349.09	330103.34	0:00	0	0:00	0
1593	Year-Round Residence	Non-Participating	316115.85	330155.12	0:00	0	0:00	0
1595	Year-Round Residence	Non-Participating	315914.84	330004.21	0:00	0	0:00	0
1597	Year-Round Residence	Non-Participating	315758.86	330108.47	0:00	0	0:00	0
1598	Year-Round Residence	Non-Participating	315584.07	330108.17	0:00	0	0:00	0
1599	Year-Round Residence	Non-Participating	315445.36	329967.59	0:00	0	0:00	0
1600	Year-Round Residence	Non-Participating	315282.32	330095.98	0:00	0	0:00	0
1601	Year-Round Residence	Non-Participating	317011.56	329803.88	12:14	25	2:38	158
1602	Year-Round Residence	Non-Participating	317146.67	329782.64	15:27	28	3:11	191
1603	Year-Round Residence	Non-Participating	316828.16	329278.93	9:14	24	2:37	157
1604	Year-Round Residence	Non-Participating	316840.36	329228.44	9:32	24	2:44	164

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1605	Year-Round Residence	Non-Participating	316735.89	329005.06	0:00	0	0:00	0
1606	Year-Round Residence	Non-Participating	316605.59	328887.32	0:00	0	0:00	0
1607	Year-Round Residence	Non-Participating	316567.71	329033.05	0:00	0	0:00	0
1608	Year-Round Residence	Non-Participating	316733.74	328837.52	0:00	0	0:00	0
1609	Year-Round Residence	Non-Participating	316491.74	328744.02	0:00	0	0:00	0
1610	Year-Round Residence	Non-Participating	316233.99	328685.00	0:00	0	0:00	0
1611	Year-Round Residence	Non-Participating	316178.09	328571.86	0:00	0	0:00	0
1612	Year-Round Residence	Non-Participating	315960.19	328594.36	0:00	0	0:00	0
1613	Year-Round Residence	Non-Participating	315963.05	328457.18	0:00	0	0:00	0
1614	Year-Round Residence	Non-Participating	315874.56	328382.63	0:00	0	0:00	0
1615	Year-Round Residence	Non-Participating	315697.13	328351.49	19:24	37	3:00	180
1616	Year-Round Residence	Non-Participating	315375.61	328245.23	40:57	43	8:05	485
1617	Year-Round Residence	Non-Participating	315278.96	328192.26	28:46	40	6:34	394
1618	Year-Round Residence	Non-Participating	315323.62	328136.21	51:42	42	10:59	659
1619	Year-Round Residence	Non-Participating	314772.89	328334.16	11:09	25	2:40	160
1620	Year-Round Residence	Non-Participating	314771.79	328401.56	11:23	25	2:35	155
1621	Year-Round Residence	Non-Participating	314870.08	328530.03	14:38	26	2:45	165
1622	Year-Round Residence	Non-Participating	314833.81	328593.64	14:32	25	2:41	161
1623	Year-Round Residence	Non-Participating	315017.68	328719.70	22:32	27	3:44	224
1624	Year-Round Residence	Non-Participating	314971.61	329096.62	0:00	0	0:00	0
1625	Year-Round Residence	Non-Participating	314962.26	329064.08	0:00	0	0:00	0
1626	Year-Round Residence	Non-Participating	314959.08	329507.94	0:00	0	0:00	0
1628	Year-Round Residence	Non-Participating	315299.06	327572.50	76:13	44	23:21	1401
1629	Year-Round Residence	Non-Participating	314688.18	327819.34	10:18	25	3:03	183
1630	Year-Round Residence	Non-Participating	315279.35	327360.23	12:55	28	3:41	221
1631	Year-Round Residence	Non-Participating	315302.45	327324.36	13:32	29	3:54	234
1632	Year-Round Residence	Non-Participating	315368.39	327208.25	15:57	30	4:52	292
1633	Year-Round Residence	Non-Participating	315741.37	326674.82	9:30	24	2:42	162
1634	Year-Round Residence	Non-Participating	315758.97	326633.30	9:43	24	2:47	167
1635	Year-Round Residence	Non-Participating	315772.80	326591.51	10:13	25	2:59	179
1636	Year-Round Residence	Non-Participating	315695.63	326613.37	9:07	24	2:38	158
1637	Year-Round Residence	Non-Participating	315678.30	326616.04	8:53	23	2:34	154
1638	Year-Round Residence	Non-Participating	315657.74	326619.03	0:00	0	0:00	0
1639	Year-Round Residence	Non-Participating	315716.77	326577.99	9:28	24	2:47	167
1640	Year-Round Residence	Non-Participating	315693.92	326579.97	9:08	24	2:40	160
1641	Year-Round Residence	Non-Participating	315682.78	326584.02	8:59	23	2:37	157
1642	Year-Round Residence	Non-Participating	315663.69	326587.78	0:00	0	0:00	0
1643	Year-Round Residence	Non-Participating	315651.38	326588.65	0:00	0	0:00	0
1644	Year-Round Residence	Non-Participating	315596.87	326568.99	0:00	0	0:00	0
1645	Year-Round Residence	Non-Participating	315597.09	326577.37	0:00	0	0:00	0
1646	Year-Round Residence	Non-Participating	315433.80	326615.99	0:00	0	0:00	0
1647	Year-Round Residence	Non-Participating	315427.89	326556.77	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1648	Year-Round Residence	Non-Participating	315349.91	326589.01	2:15	11	0:40	40
1649	Year-Round Residence	Non-Participating	315325.96	326678.06	23:57	29	7:34	454
1650	Year-Round Residence	Non-Participating	315276.32	326611.41	16:21	25	5:08	308
1651	Year-Round Residence	Non-Participating	314263.41	326916.90	0:00	0	0:00	0
1652	Year-Round Residence	Non-Participating	313731.52	326502.18	0:00	0	0:00	0
1653	Year-Round Residence	Non-Participating	313601.57	326286.56	0:00	0	0:00	0
1654	Year-Round Residence	Non-Participating	315726.55	326447.63	10:05	24	3:05	185
1655	Year-Round Residence	Non-Participating	315871.35	326483.86	12:20	27	3:46	226
1656	Year-Round Residence	Non-Participating	315807.96	326378.91	11:50	26	3:41	221
1657	Year-Round Residence	Non-Participating	315945.37	326471.62	23:20	28	6:43	403
1658	Year-Round Residence	Non-Participating	315838.17	326300.72	13:07	26	4:04	244
1659	Year-Round Residence	Non-Participating	315824.98	326142.57	15:36	26	4:54	294
1660	Year-Round Residence	Non-Participating	315822.14	326099.45	16:54	25	5:21	321
1661	Year-Round Residence	Non-Participating	315829.11	325983.55	27:27	26	8:45	525
1662	Year-Round Residence	Non-Participating	315221.49	325660.80	0:00	0	0:00	0
1664	Year-Round Residence	Non-Participating	315160.07	325457.00	0:00	0	0:00	0
1665	Year-Round Residence	Non-Participating	315013.30	324934.58	0:00	0	0:00	0
1666	Year-Round Residence	Non-Participating	314991.19	324894.13	0:00	0	0:00	0
1667	Year-Round Residence	Non-Participating	314971.97	324853.21	0:00	0	0:00	0
1668	Year-Round Residence	Non-Participating	315039.14	324819.01	0:00	0	0:00	0
1669	Year-Round Residence	Non-Participating	314926.03	324733.55	0:00	0	0:00	0
1670	Year-Round Residence	Non-Participating	314767.17	324612.80	0:00	0	0:00	0
1671	Year-Round Residence	Non-Participating	314799.68	324520.18	0:00	0	0:00	0
1672	Year-Round Residence	Non-Participating	314748.49	324460.80	0:00	0	0:00	0
1673	Year-Round Residence	Non-Participating	314691.46	324399.17	0:00	0	0:00	0
1674	Year-Round Residence	Non-Participating	314510.58	324333.51	0:00	0	0:00	0
1675	Year-Round Residence	Non-Participating	314269.84	324397.90	0:00	0	0:00	0
1676	Year-Round Residence	Non-Participating	314240.27	324405.93	0:00	0	0:00	0
1677	Year-Round Residence	Non-Participating	314056.62	324410.17	0:00	0	0:00	0
1678	Year-Round Residence	Non-Participating	314222.26	324511.01	0:00	0	0:00	0
1679	Year-Round Residence	Non-Participating	314274.06	324516.39	0:00	0	0:00	0
1680	Year-Round Residence	Non-Participating	314633.61	324304.10	0:00	0	0:00	0
1681	Year-Round Residence	Non-Participating	314602.82	324270.58	0:00	0	0:00	0
1682	Year-Round Residence	Non-Participating	314575.05	324230.68	0:00	0	0:00	0
1683	Year-Round Residence	Non-Participating	314625.83	324187.68	0:00	0	0:00	0
1684	Year-Round Residence	Non-Participating	314583.95	324119.20	0:00	0	0:00	0
1685	Year-Round Residence	Non-Participating	314524.04	324029.46	0:00	0	0:00	0
1686	Year-Round Residence	Non-Participating	314481.50	323983.54	0:00	0	0:00	0
1687	Year-Round Residence	Non-Participating	314450.66	323916.96	0:00	0	0:00	0
1688	Year-Round Residence	Non-Participating	314367.43	323817.94	0:00	0	0:00	0
1689	Year-Round Residence	Non-Participating	315365.02	324383.19	0:00	0	0:00	0
1690	Year-Round Residence	Non-Participating	315412.98	324432.32	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1691	Year-Round Residence	Non-Participating	315430.45	324375.28	0:00	0	0:00	0
1692	Year-Round Residence	Non-Participating	315460.78	324293.40	0:00	0	0:00	0
1693	Year-Round Residence	Non-Participating	315594.13	324295.05	0:00	0	0:00	0
1694	Year-Round Residence	Non-Participating	315602.89	324343.27	0:00	0	0:00	0
1695	Year-Round Residence	Non-Participating	315617.48	324293.47	0:00	0	0:00	0
1696	Year-Round Residence	Non-Participating	315624.16	324341.98	0:00	0	0:00	0
1697	Year-Round Residence	Non-Participating	315639.59	324270.81	0:00	0	0:00	0
1698	Year-Round Residence	Non-Participating	315651.04	324335.41	0:00	0	0:00	0
1699	Year-Round Residence	Non-Participating	315679.52	324274.01	0:00	0	0:00	0
1700	Year-Round Residence	Non-Participating	315709.83	324328.35	0:00	0	0:00	0
1701	Year-Round Residence	Non-Participating	315704.39	324277.34	0:00	0	0:00	0
1702	Year-Round Residence	Non-Participating	315746.02	324333.13	0:00	0	0:00	0
1703	Year-Round Residence	Non-Participating	315802.29	324325.21	0:00	0	0:00	0
1704	Year-Round Residence	Non-Participating	315813.57	324262.76	0:00	0	0:00	0
1705	Year-Round Residence	Non-Participating	315851.74	324236.03	0:00	0	0:00	0
1706	Year-Round Residence	Non-Participating	315850.02	324211.78	0:00	0	0:00	0
1707	Year-Round Residence	Non-Participating	315849.02	324162.25	0:00	0	0:00	0
1708	Year-Round Residence	Non-Participating	315896.66	324190.67	0:00	0	0:00	0
1709	Year-Round Residence	Non-Participating	315931.58	324232.39	0:00	0	0:00	0
1710	Year-Round Residence	Non-Participating	315896.38	324171.16	0:00	0	0:00	0
1711	Year-Round Residence	Non-Participating	315862.45	324072.91	0:00	0	0:00	0
1712	Year-Round Residence	Non-Participating	315944.78	324059.31	0:00	0	0:00	0
1713	Year-Round Residence	Non-Participating	315860.19	324026.74	0:00	0	0:00	0
1714	Year-Round Residence	Non-Participating	315862.60	323992.89	0:00	0	0:00	0
1715	Year-Round Residence	Non-Participating	315542.78	323513.41	0:00	0	0:00	0
1716	Year-Round Residence	Non-Participating	315597.57	323431.12	0:00	0	0:00	0
1717	Year-Round Residence	Non-Participating	315670.27	323093.86	0:00	0	0:00	0
1718	Year-Round Residence	Non-Participating	315648.80	322945.60	0:00	0	0:00	0
1719	Year-Round Residence	Non-Participating	315842.16	325777.59	0:00	0	0:00	0
1720	Year-Round Residence	Non-Participating	315845.20	325721.23	0:00	0	0:00	0
1721	Year-Round Residence	Non-Participating	315775.27	325591.65	0:00	0	0:00	0
1722	Year-Round Residence	Non-Participating	315905.96	325564.46	0:00	0	0:00	0
1723	Year-Round Residence	Non-Participating	315732.06	325525.52	0:00	0	0:00	0
1724	Year-Round Residence	Non-Participating	315878.92	325483.58	0:00	0	0:00	0
1725	Year-Round Residence	Non-Participating	315868.39	325417.13	0:00	0	0:00	0
1726	Year-Round Residence	Non-Participating	316130.17	325410.50	0:00	0	0:00	0
1727	Year-Round Residence	Non-Participating	315766.50	325318.78	0:00	0	0:00	0
1728	Year-Round Residence	Non-Participating	315806.40	325181.06	0:00	0	0:00	0
1729	Year-Round Residence	Non-Participating	315801.94	325131.88	0:00	0	0:00	0
1730	Year-Round Residence	Non-Participating	315806.15	325041.39	0:00	0	0:00	0
1731	Year-Round Residence	Non-Participating	315815.19	324943.54	0:00	0	0:00	0
1732	Year-Round Residence	Non-Participating	315815.20	324887.91	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1733	Year-Round Residence	Non-Participating	315818.34	324846.31	0:00	0	0:00	0
1734	Year-Round Residence	Non-Participating	315887.03	324845.91	0:00	0	0:00	0
1735	Year-Round Residence	Non-Participating	315816.10	324807.31	0:00	0	0:00	0
1736	Year-Round Residence	Non-Participating	315816.17	324755.78	0:00	0	0:00	0
1737	Year-Round Residence	Non-Participating	315732.55	324738.14	0:00	0	0:00	0
1738	Year-Round Residence	Non-Participating	315877.87	324609.12	0:00	0	0:00	0
1739	Year-Round Residence	Non-Participating	315829.44	324568.36	0:00	0	0:00	0
1740	Year-Round Residence	Non-Participating	315883.82	324450.97	0:00	0	0:00	0
1741	Year-Round Residence	Non-Participating	315841.58	324436.57	0:00	0	0:00	0
1742	Year-Round Residence	Non-Participating	315880.49	324429.32	0:00	0	0:00	0
1743	Year-Round Residence	Non-Participating	315883.13	324408.14	0:00	0	0:00	0
1744	Year-Round Residence	Non-Participating	315841.59	324410.78	0:00	0	0:00	0
1745	Year-Round Residence	Non-Participating	315831.70	324373.16	0:00	0	0:00	0
1746	Year-Round Residence	Non-Participating	315887.61	324312.05	0:00	0	0:00	0
1747	Year-Round Residence	Non-Participating	315964.98	324306.54	0:00	0	0:00	0
1748	Year-Round Residence	Non-Participating	315960.73	324246.22	0:00	0	0:00	0
1749	Year-Round Residence	Non-Participating	315984.47	324243.16	0:00	0	0:00	0
1750	Year-Round Residence	Non-Participating	316038.02	324236.70	0:00	0	0:00	0
1751	Year-Round Residence	Non-Participating	316043.00	324292.09	0:00	0	0:00	0
1752	Year-Round Residence	Non-Participating	316139.25	324272.01	0:00	0	0:00	0
1753	Year-Round Residence	Non-Participating	316124.18	324229.69	0:00	0	0:00	0
1754	Year-Round Residence	Non-Participating	316187.32	324280.52	0:00	0	0:00	0
1755	Year-Round Residence	Non-Participating	316379.75	324191.19	0:00	0	0:00	0
1756	Year-Round Residence	Non-Participating	316467.11	323971.00	0:00	0	0:00	0
1757	Year-Round Residence	Non-Participating	316575.48	324073.23	0:00	0	0:00	0
1758	Year-Round Residence	Non-Participating	316481.54	324164.10	0:00	0	0:00	0
1759	Year-Round Residence	Non-Participating	316426.56	324236.13	0:00	0	0:00	0
1760	Year-Round Residence	Non-Participating	316521.21	324219.68	0:00	0	0:00	0
1761	Year-Round Residence	Non-Participating	316644.90	324125.81	0:00	0	0:00	0
1762	Year-Round Residence	Non-Participating	316695.66	324182.45	0:00	0	0:00	0
1763	Year-Round Residence	Non-Participating	316723.51	324188.42	0:00	0	0:00	0
1764	Year-Round Residence	Non-Participating	316735.46	324071.49	0:00	0	0:00	0
1765	Year-Round Residence	Non-Participating	316796.47	324237.77	0:00	0	0:00	0
1766	Year-Round Residence	Non-Participating	316802.81	324064.25	0:00	0	0:00	0
1767	Year-Round Residence	Non-Participating	316863.12	324051.23	0:00	0	0:00	0
1768	Year-Round Residence	Non-Participating	317068.03	324050.95	0:00	0	0:00	0
1769	Year-Round Residence	Non-Participating	317430.63	323823.33	0:00	0	0:00	0
1770	Year-Round Residence	Non-Participating	317481.48	323770.75	0:00	0	0:00	0
1771	Year-Round Residence	Non-Participating	317546.74	323741.33	0:00	0	0:00	0
1772	Year-Round Residence	Non-Participating	317423.91	323571.88	0:00	0	0:00	0
1773	Year-Round Residence	Non-Participating	317330.81	323415.30	0:00	0	0:00	0
1774	Year-Round Residence	Non-Participating	317452.97	323385.73	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1775	Year-Round Residence	Non-Participating	317498.61	323340.29	0:00	0	0:00	0
1776	Year-Round Residence	Non-Participating	317161.34	323168.95	0:00	0	0:00	0
1777	Year-Round Residence	Non-Participating	317050.07	322725.86	0:00	0	0:00	0
1778	Year-Round Residence	Non-Participating	317085.10	322808.85	0:00	0	0:00	0
1779	Year-Round Residence	Non-Participating	317705.39	322930.77	0:00	0	0:00	0
1780	Year-Round Residence	Non-Participating	317563.90	323943.84	0:00	0	0:00	0
1781	Year-Round Residence	Non-Participating	317636.47	324013.37	0:00	0	0:00	0
1782	Year-Round Residence	Non-Participating	317567.50	324213.55	0:00	0	0:00	0
1783	Year-Round Residence	Non-Participating	317491.75	324283.34	0:00	0	0:00	0
1784	Year-Round Residence	Non-Participating	317566.48	324309.98	0:00	0	0:00	0
1785	Year-Round Residence	Non-Participating	317615.75	324324.93	0:00	0	0:00	0
1786	Year-Round Residence	Non-Participating	317489.01	324433.14	0:00	0	0:00	0
1787	Year-Round Residence	Non-Participating	317580.75	324448.55	0:00	0	0:00	0
1788	Year-Round Residence	Non-Participating	317472.80	324504.39	0:00	0	0:00	0
1789	Year-Round Residence	Non-Participating	317435.62	324578.73	0:00	0	0:00	0
1790	Year-Round Residence	Non-Participating	317449.82	324652.68	0:00	0	0:00	0
1791	Year-Round Residence	Non-Participating	317220.56	324832.36	0:00	0	0:00	0
1792	Year-Round Residence	Non-Participating	317425.28	324868.07	0:00	0	0:00	0
1793	Year-Round Residence	Non-Participating	317494.76	324875.37	0:00	0	0:00	0
1794	Year-Round Residence	Non-Participating	317612.39	324867.71	0:00	0	0:00	0
1795	Year-Round Residence	Non-Participating	317751.18	324556.64	0:00	0	0:00	0
1796	Year-Round Residence	Non-Participating	317938.00	324557.86	0:00	0	0:00	0
1797	Year-Round Residence	Non-Participating	318102.24	324824.90	0:00	0	0:00	0
1799	Year-Round Residence	Non-Participating	318267.87	324872.93	0:00	0	0:00	0
1800	Year-Round Residence	Non-Participating	318275.94	324464.32	0:00	0	0:00	0
1801	Year-Round Residence	Non-Participating	318377.05	324160.62	0:00	0	0:00	0
1802	Year-Round Residence	Non-Participating	318371.58	323909.72	0:00	0	0:00	0
1803	Year-Round Residence	Non-Participating	318280.25	323845.92	0:00	0	0:00	0
1804	Year-Round Residence	Non-Participating	318267.28	325124.24	0:00	0	0:00	0
1805	Year-Round Residence	Non-Participating	318215.04	325331.36	0:00	0	0:00	0
1806	Year-Round Residence	Non-Participating	318176.05	325484.16	0:00	0	0:00	0
1807	Year-Round Residence	Non-Participating	318175.38	325566.65	0:00	0	0:00	0
1808	Year-Round Residence	Non-Participating	318167.38	325617.34	0:00	0	0:00	0
1809	Year-Round Residence	Non-Participating	317952.09	326188.63	94:22	54	29:23	1763
1810	Year-Round Residence	Non-Participating	317870.98	326376.84	117:18	57	32:25	1945
1811	Year-Round Residence	Non-Participating	318028.58	326513.05	66:12	44	15:44	944
1812	Year-Round Residence	Non-Participating	317861.16	326565.00	117:44	52	24:32	1472
1813	Year-Round Residence	Non-Participating	317954.94	326603.29	94:22	46	18:51	1131
1814	Year-Round Residence	Non-Participating	317884.19	326712.01	79:03	46	17:03	1023
1815	Year-Round Residence	Non-Participating	317784.56	326706.62	87:50	53	20:46	1246
1816	Year-Round Residence	Non-Participating	317841.36	326803.41	46:40	48	11:42	702
1817	Year-Round Residence	Non-Participating	317775.27	326890.74	57:17	50	12:31	751

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1818	Year-Round Residence	Non-Participating	317538.98	326863.36	150:48	71	30:32	1832
1819	Year-Round Residence	Non-Participating	317637.37	326943.56	107:13	58	19:54	1194
1820	Year-Round Residence	Non-Participating	317691.66	327012.44	85:50	52	15:11	911
1821	Year-Round Residence	Non-Participating	317665.11	327126.93	52:48	47	9:43	583
1822	Year-Round Residence	Non-Participating	317635.65	327185.22	29:35	33	6:11	371
1825	Year-Round Residence	Non-Participating	317579.77	327331.26	15:06	31	4:18	258
1826	Year-Round Residence	Non-Participating	317576.50	327491.43	34:31	32	9:55	595
1827	Year-Round Residence	Non-Participating	317636.48	327508.14	25:55	29	7:16	436
1828	Year-Round Residence	Non-Participating	317633.66	327536.18	39:05	37	11:24	684
1829	Year-Round Residence	Non-Participating	317585.61	327537.21	49:33	40	14:38	878
1830	Year-Round Residence	Non-Participating	317523.96	327616.10	89:19	48	26:59	1619
1831	Year-Round Residence	Non-Participating	317300.80	327256.63	61:20	43	19:48	1188
1832	Year-Round Residence	Non-Participating	317203.09	327364.27	102:58	56	32:02	1922
1833	Year-Round Residence	Non-Participating	317149.87	327315.26	101:00	59	31:44	1904
1834	Year-Round Residence	Non-Participating	317079.85	327285.09	99:22	59	31:09	1869
1835	Year-Round Residence	Non-Participating	316840.21	327098.10	82:55	62	21:06	1266
1836	Year-Round Residence	Non-Participating	316933.82	327084.00	108:40	70	30:38	1838
1837	Year-Round Residence	Non-Participating	316884.39	327047.54	62:49	62	10:21	621
1838	Year-Round Residence	Non-Participating	316826.23	326999.13	92:11	64	15:54	954
1840	Year-Round Residence	Non-Participating	316398.61	326657.22	51:32	43	13:28	808
1841	Year-Round Residence	Non-Participating	316265.84	326629.64	39:10	38	10:32	632
1842	Year-Round Residence	Non-Participating	316196.14	326473.24	36:25	36	10:36	636
1843	Year-Round Residence	Non-Participating	316135.62	326486.33	32:12	33	9:18	558
1844	Year-Round Residence	Non-Participating	316097.57	326466.61	30:23	32	8:48	528
1845	Year-Round Residence	Non-Participating	316869.29	327483.59	172:23	80	42:42	2562
1846	Year-Round Residence	Non-Participating	316867.91	327577.62	195:41	74	42:33	2553
1847	Year-Round Residence	Non-Participating	316729.64	327608.64	196:54	88	44:31	2671
1848	Year-Round Residence	Non-Participating	316860.53	327661.08	134:07	70	27:31	1651
1849	Year-Round Residence	Non-Participating	316800.48	327847.08	38:09	47	11:20	680
1850	Year-Round Residence	Non-Participating	316720.79	327878.23	46:43	52	13:32	812
1851	Year-Round Residence	Non-Participating	316725.04	327941.87	44:07	52	11:46	706
1852	Year-Round Residence	Non-Participating	316797.72	327929.84	36:10	47	9:53	593
1853	Year-Round Residence	Non-Participating	316791.30	328033.28	35:11	46	8:40	520
1855	Year-Round Residence	Non-Participating	316793.25	328400.12	50:02	40	7:44	464
1856	Year-Round Residence	Non-Participating	316791.15	328458.33	38:52	39	5:52	352
1857	Year-Round Residence	Non-Participating	316791.53	328497.47	29:38	37	4:23	263
1858	Year-Round Residence	Non-Participating	316936.56	328566.79	64:27	33	15:44	944
1859	Year-Round Residence	Non-Participating	316784.42	328783.87	0:00	0	0:00	0
1860	Year-Round Residence	Non-Participating	316985.76	329043.34	22:50	27	6:28	388
1861	Year-Round Residence	Non-Participating	316964.17	329117.95	21:51	26	6:00	360
1862	Year-Round Residence	Non-Participating	317027.80	329217.38	23:51	27	6:19	379
1863	Year-Round Residence	Non-Participating	317121.04	329124.55	27:57	30	7:43	463

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1864	Year-Round Residence	Non-Participating	317119.50	329207.05	27:31	30	7:15	435
1865	Year-Round Residence	Non-Participating	317149.31	329146.05	29:13	31	7:59	479
1866	Year-Round Residence	Non-Participating	317277.95	329358.71	39:43	34	8:57	537
1867	Year-Round Residence	Non-Participating	317297.54	329233.89	38:55	35	9:44	584
1868	Year-Round Residence	Non-Participating	317365.64	329241.46	45:08	37	11:03	663
1870	Year-Round Residence	Non-Participating	317528.33	329143.42	66:34	46	17:39	1059
1871	Year-Round Residence	Non-Participating	317729.48	328627.04	73:09	57	21:52	1312
1872	Year-Round Residence	Non-Participating	317663.68	327687.36	91:09	58	27:51	1671
1874	Year-Round Residence	Non-Participating	317795.94	327720.97	104:47	62	32:25	1945
1876	Year-Round Residence	Non-Participating	317788.11	327773.05	125:51	62	38:45	2325
1877	Year-Round Residence	Non-Participating	317873.20	327868.11	129:11	64	40:25	2425
1878	Year-Round Residence	Non-Participating	317875.16	327765.14	129:48	75	40:22	2422
1880	Year-Round Residence	Non-Participating	318181.54	329665.21	54:44	77	8:32	512
1881	Year-Round Residence	Non-Participating	318246.14	329677.09	45:06	72	6:57	417
1882	Year-Round Residence	Non-Participating	318341.11	329689.11	32:21	66	4:44	284
1883	Year-Round Residence	Non-Participating	318451.05	329711.83	24:38	44	3:28	208
1884	Year-Round Residence	Non-Participating	318947.05	329703.38	36:21	41	6:32	392
1885	Year-Round Residence	Non-Participating	319021.18	329701.88	29:04	38	5:29	329
1886	Year-Round Residence	Non-Participating	319089.32	329472.21	56:05	39	10:50	650
1887	Year-Round Residence	Non-Participating	319497.08	329612.15	30:59	27	5:54	354
1888	Year-Round Residence	Non-Participating	319629.55	329510.39	35:14	39	6:03	363
1889	Year-Round Residence	Non-Participating	319725.06	329477.24	55:25	46	9:14	554
1890	Year-Round Residence	Non-Participating	319926.16	329496.33	46:33	38	7:23	443
1891	Year-Round Residence	Non-Participating	320012.36	329120.81	41:31	41	9:12	552
1892	Year-Round Residence	Non-Participating	320033.24	328805.43	46:04	43	13:31	811
1893	Year-Round Residence	Non-Participating	320024.26	328665.82	85:07	43	22:37	1357
1894	Year-Round Residence	Non-Participating	320027.37	328482.27	88:42	41	21:31	1291
1895	Year-Round Residence	Non-Participating	319948.26	328511.28	88:04	42	20:57	1257
1896	Year-Round Residence	Non-Participating	319856.01	328167.37	70:52	48	17:20	1040
1897	Year-Round Residence	Non-Participating	319792.29	328291.44	100:42	49	19:42	1182
1898	Year-Round Residence	Non-Participating	319929.38	328013.01	56:48	47	15:59	959
1899	Year-Round Residence	Non-Participating	320033.46	327691.83	57:35	43	18:54	1134
1901	Year-Round Residence	Non-Participating	319781.73	327276.44	23:47	40	3:47	227
1902	Year-Round Residence	Non-Participating	319178.04	327068.60	10:57	26	2:41	161
1903	Year-Round Residence	Non-Participating	318390.70	327291.22	9:52	22	1:39	99
1904	Year-Round Residence	Non-Participating	318411.16	327046.82	16:55	22	2:58	178
1905	Year-Round Residence	Non-Participating	318337.74	327121.60	10:24	25	2:02	122
1906	Year-Round Residence	Non-Participating	318198.61	327257.05	38:30	29	8:50	530
1907	Year-Round Residence	Non-Participating	318148.59	327089.71	17:32	31	3:13	193
1908	Year-Round Residence	Non-Participating	317946.93	327044.15	36:09	39	6:46	406
1909	Year-Round Residence	Non-Participating	317946.40	327282.03	61:54	34	14:46	886
1910	Year-Round Residence	Non-Participating	317869.78	327340.63	30:40	25	8:08	488



Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1911	Year-Round Residence	Non-Participating	317799.76	327315.89	12:50	24	2:58	178
1912	Year-Round Residence	Non-Participating	317869.60	327226.91	66:48	38	15:24	924
1913	Year-Round Residence	Non-Participating	317829.82	327219.15	39:56	39	7:03	423
1914	Year-Round Residence	Non-Participating	317756.82	327231.65	30:15	34	5:44	344
1915	Year-Round Residence	Non-Participating	317743.67	327305.40	9:59	26	2:52	172
1916	Year-Round Residence	Non-Participating	317683.63	327237.29	19:30	27	4:26	266
1917	Year-Round Residence	Non-Participating	317707.23	327306.74	11:03	27	3:10	190
1918	Year-Round Residence	Non-Participating	320124.53	329458.58	21:45	32	3:56	236
1919	Year-Round Residence	Non-Participating	320852.22	329384.76	0:00	0	0:00	0
1920	Year-Round Residence	Non-Participating	321019.26	329364.73	0:00	0	0:00	0
1921	Year-Round Residence	Non-Participating	320693.38	329797.81	0:00	0	0:00	0
1922	Year-Round Residence	Non-Participating	320840.02	330064.80	0:00	0	0:00	0
1925	Year-Round Residence	Non-Participating	320502.63	330995.88	0:00	0	0:00	0
1926	Year-Round Residence	Non-Participating	320494.89	331070.28	0:00	0	0:00	0
1927	Year-Round Residence	Non-Participating	320546.04	331069.27	0:00	0	0:00	0
1928	Year-Round Residence	Non-Participating	320656.68	331134.13	0:00	0	0:00	0
1929	Year-Round Residence	Non-Participating	320751.78	331120.19	0:00	0	0:00	0
1930	Year-Round Residence	Non-Participating	320742.55	331178.41	0:00	0	0:00	0
1931	Year-Round Residence	Non-Participating	320738.64	331254.87	0:00	0	0:00	0
1932	Year-Round Residence	Non-Participating	320557.17	331310.52	0:00	0	0:00	0
1933	Year-Round Residence	Non-Participating	320622.74	331391.87	0:00	0	0:00	0
1934	Year-Round Residence	Non-Participating	320505.64	331353.62	0:00	0	0:00	0
1935	Year-Round Residence	Non-Participating	320246.45	331424.44	0:00	0	0:00	0
1936	Year-Round Residence	Non-Participating	320299.96	331389.93	0:00	0	0:00	0
1937	Year-Round Residence	Non-Participating	320362.01	331252.76	0:00	0	0:00	0
1938	Year-Round Residence	Non-Participating	320389.31	331187.74	0:00	0	0:00	0
1939	Year-Round Residence	Non-Participating	320409.70	331132.71	0:00	0	0:00	0
1940	Year-Round Residence	Non-Participating	320100.52	331425.22	0:00	0	0:00	0
1941	Year-Round Residence	Non-Participating	319967.59	331517.94	0:00	0	0:00	0
1942	Year-Round Residence	Non-Participating	319870.45	331486.22	0:00	0	0:00	0
1943	Year-Round Residence	Non-Participating	318954.49	330094.34	10:32	23	1:26	86
1944	Year-Round Residence	Non-Participating	319771.45	331408.73	0:00	0	0:00	0
1945	Year-Round Residence	Non-Participating	319777.39	331483.12	0:00	0	0:00	0
1946	Year-Round Residence	Non-Participating	319627.52	331504.82	0:00	0	0:00	0
1947	Year-Round Residence	Non-Participating	319467.80	331448.89	0:00	0	0:00	0
1948	Year-Round Residence	Non-Participating	319223.49	331298.24	0:00	0	0:00	0
1949	Year-Round Residence	Non-Participating	319301.31	331553.68	0:00	0	0:00	0
1950	Year-Round Residence	Non-Participating	319124.00	331598.92	0:00	0	0:00	0
1952	Year-Round Residence	Non-Participating	320322.13	331755.08	0:00	0	0:00	0
1953	Year-Round Residence	Non-Participating	320234.27	331758.22	0:00	0	0:00	0
1954	Year-Round Residence	Non-Participating	320290.86	331793.82	0:00	0	0:00	0
1955	Year-Round Residence	Non-Participating	320260.54	331835.74	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1956	Year-Round Residence	Non-Participating	320182.78	332025.79	0:00	0	0:00	0
1957	Year-Round Residence	Non-Participating	320087.46	331982.84	0:00	0	0:00	0
1958	Year-Round Residence	Non-Participating	319939.94	332260.59	0:00	0	0:00	0
1959	Year-Round Residence	Non-Participating	319955.83	332445.74	0:00	0	0:00	0
1960	Year-Round Residence	Non-Participating	319943.67	332519.92	0:00	0	0:00	0
1961	Year-Round Residence	Non-Participating	319917.99	332725.64	0:00	0	0:00	0
1962	Year-Round Residence	Non-Participating	319680.28	332955.45	0:00	0	0:00	0
1963	Year-Round Residence	Non-Participating	319808.54	333039.04	0:00	0	0:00	0
1964	Year-Round Residence	Non-Participating	319754.04	333233.44	0:00	0	0:00	0
1965	Year-Round Residence	Non-Participating	321044.74	331018.96	0:00	0	0:00	0
1966	Year-Round Residence	Non-Participating	321110.27	330698.26	0:00	0	0:00	0
1967	Year-Round Residence	Non-Participating	321062.15	329291.96	0:00	0	0:00	0
1968	Year-Round Residence	Non-Participating	321604.79	329490.49	0:00	0	0:00	0
1969	Year-Round Residence	Non-Participating	321991.65	329235.55	0:00	0	0:00	0
1970	Year-Round Residence	Non-Participating	322095.64	329270.80	0:00	0	0:00	0
1971	Year-Round Residence	Non-Participating	322345.93	329324.04	0:00	0	0:00	0
1973	Year-Round Residence	Non-Participating	323140.55	329331.31	0:00	0	0:00	0
1974	Year-Round Residence	Non-Participating	322337.86	330609.00	0:00	0	0:00	0
1975	Year-Round Residence	Non-Participating	322438.15	330529.46	0:00	0	0:00	0
1976	Year-Round Residence	Non-Participating	322830.42	330295.43	0:00	0	0:00	0
1977	Year-Round Residence	Non-Participating	322911.46	330240.03	0:00	0	0:00	0
1978	Year-Round Residence	Non-Participating	322402.91	331347.48	0:00	0	0:00	0
1979	Year-Round Residence	Non-Participating	322646.48	330806.88	0:00	0	0:00	0
1980	Year-Round Residence	Non-Participating	322971.22	330121.00	0:00	0	0:00	0
1981	Year-Round Residence	Non-Participating	322990.60	330073.44	0:00	0	0:00	0
1982	Year-Round Residence	Non-Participating	323046.33	330107.88	0:00	0	0:00	0
1983	Year-Round Residence	Non-Participating	323013.22	330038.99	0:00	0	0:00	0
1984	Year-Round Residence	Non-Participating	323089.43	330007.66	0:00	0	0:00	0
1985	Year-Round Residence	Non-Participating	323038.98	329893.28	0:00	0	0:00	0
1986	Year-Round Residence	Non-Participating	323048.63	329831.63	0:00	0	0:00	0
1988	Year-Round Residence	Non-Participating	323044.55	329788.37	0:00	0	0:00	0
1989	Year-Round Residence	Non-Participating	323098.51	329777.92	0:00	0	0:00	0
1990	Year-Round Residence	Non-Participating	323098.81	329800.61	0:00	0	0:00	0
1991	Year-Round Residence	Non-Participating	323098.93	329757.70	0:00	0	0:00	0
1992	Year-Round Residence	Non-Participating	323098.62	329734.54	0:00	0	0:00	0
1993	Year-Round Residence	Non-Participating	323057.16	329698.73	0:00	0	0:00	0
1994	Year-Round Residence	Non-Participating	323097.45	329706.61	0:00	0	0:00	0
1995	Year-Round Residence	Non-Participating	323061.52	329676.64	0:00	0	0:00	0
1996	Year-Round Residence	Non-Participating	323001.07	329692.19	0:00	0	0:00	0
1997	Year-Round Residence	Non-Participating	323168.84	329641.36	0:00	0	0:00	0
1998	Year-Round Residence	Non-Participating	323204.77	329680.98	0:00	0	0:00	0
1999	Year-Round Residence	Non-Participating	323285.01	329649.34	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2000	Year-Round Residence	Non-Participating	323343.99	329646.16	0:00	0	0:00	0
2001	Year-Round Residence	Non-Participating	323446.26	329798.06	0:00	0	0:00	0
2002	Year-Round Residence	Non-Participating	323436.28	329699.95	0:00	0	0:00	0
2003	Year-Round Residence	Non-Participating	323520.97	329667.54	0:00	0	0:00	0
2004	Year-Round Residence	Non-Participating	323551.24	329660.41	0:00	0	0:00	0
2005	Year-Round Residence	Non-Participating	323552.56	329729.38	0:00	0	0:00	0
2006	Year-Round Residence	Non-Participating	323661.47	329732.64	0:00	0	0:00	0
2007	Year-Round Residence	Non-Participating	323541.12	329747.38	0:00	0	0:00	0
2008	Year-Round Residence	Non-Participating	323502.81	329730.28	0:00	0	0:00	0
2009	Year-Round Residence	Non-Participating	323489.94	329752.11	0:00	0	0:00	0
2010	Year-Round Residence	Non-Participating	323478.29	329763.67	0:00	0	0:00	0
2011	Year-Round Residence	Non-Participating	323521.54	329793.36	0:00	0	0:00	0
2012	Year-Round Residence	Non-Participating	323480.35	329837.11	0:00	0	0:00	0
2013	Year-Round Residence	Non-Participating	323429.46	329815.68	0:00	0	0:00	0
2014	Year-Round Residence	Non-Participating	323471.50	329852.79	0:00	0	0:00	0
2015	Year-Round Residence	Non-Participating	323455.62	329869.03	0:00	0	0:00	0
2016	Year-Round Residence	Non-Participating	323388.92	329877.26	0:00	0	0:00	0
2018	Year-Round Residence	Non-Participating	323327.39	329873.39	0:00	0	0:00	0
2019	Year-Round Residence	Non-Participating	323305.54	329869.32	0:00	0	0:00	0
2020	Year-Round Residence	Non-Participating	323271.91	329862.88	0:00	0	0:00	0
2021	Year-Round Residence	Non-Participating	323235.82	329860.65	0:00	0	0:00	0
2022	Year-Round Residence	Non-Participating	323212.27	329863.13	0:00	0	0:00	0
2023	Year-Round Residence	Non-Participating	323188.25	329861.84	0:00	0	0:00	0
2024	Year-Round Residence	Non-Participating	323169.33	329859.30	0:00	0	0:00	0
2026	Year-Round Residence	Non-Participating	323129.00	329851.50	0:00	0	0:00	0
2027	Year-Round Residence	Non-Participating	323195.85	330142.86	0:00	0	0:00	0
2028	Year-Round Residence	Non-Participating	323192.23	329944.48	0:00	0	0:00	0
2029	Year-Round Residence	Non-Participating	323250.42	329945.42	0:00	0	0:00	0
2030	Year-Round Residence	Non-Participating	323361.84	329958.33	0:00	0	0:00	0
2031	Year-Round Residence	Non-Participating	323377.10	329960.54	0:00	0	0:00	0
2032	Year-Round Residence	Non-Participating	323423.11	329981.99	0:00	0	0:00	0
2033	Year-Round Residence	Non-Participating	323450.27	329972.73	0:00	0	0:00	0
2034	Year-Round Residence	Non-Participating	323448.22	330009.65	0:00	0	0:00	0
2036	Year-Round Residence	Non-Participating	323461.82	330091.10	0:00	0	0:00	0
2037	Year-Round Residence	Non-Participating	323514.46	330105.31	0:00	0	0:00	0
2038	Year-Round Residence	Non-Participating	323840.31	330051.41	0:00	0	0:00	0
2039	Year-Round Residence	Non-Participating	323976.39	329712.62	0:00	0	0:00	0
2040	Year-Round Residence	Non-Participating	324094.69	329705.97	0:00	0	0:00	0
2041	Year-Round Residence	Non-Participating	324508.72	329582.97	0:00	0	0:00	0
2042	Year-Round Residence	Non-Participating	325662.81	328685.59	0:00	0	0:00	0
2043	Year-Round Residence	Non-Participating	325637.47	328582.74	0:00	0	0:00	0
2044	Year-Round Residence	Non-Participating	323606.55	329565.65	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2045	Year-Round Residence	Non-Participating	323750.82	329486.04	0:00	0	0:00	0
2046	Year-Round Residence	Non-Participating	323785.51	329427.18	0:00	0	0:00	0
2047	Year-Round Residence	Non-Participating	323726.91	329400.83	0:00	0	0:00	0
2048	Year-Round Residence	Non-Participating	323854.12	329321.57	0:00	0	0:00	0
2049	Year-Round Residence	Non-Participating	323930.17	329231.44	0:00	0	0:00	0
2050	Year-Round Residence	Non-Participating	324042.19	328949.93	0:00	0	0:00	0
2051	Year-Round Residence	Non-Participating	324169.58	328941.98	0:00	0	0:00	0
2052	Year-Round Residence	Non-Participating	324146.40	328860.65	0:00	0	0:00	0
2053	Year-Round Residence	Non-Participating	324682.51	328443.76	0:00	0	0:00	0
2054	Year-Round Residence	Non-Participating	324061.24	328138.99	0:00	0	0:00	0
2055	Year-Round Residence	Non-Participating	323948.76	328147.07	0:00	0	0:00	0
2056	Year-Round Residence	Non-Participating	323899.57	328071.17	0:00	0	0:00	0
2057	Year-Round Residence	Non-Participating	323839.41	328147.27	0:00	0	0:00	0
2058	Year-Round Residence	Non-Participating	323658.96	328113.73	0:00	0	0:00	0
2059	Year-Round Residence	Non-Participating	323694.86	328049.76	0:00	0	0:00	0
2060	Year-Round Residence	Non-Participating	323584.06	327984.86	0:00	0	0:00	0
2061	Year-Round Residence	Non-Participating	323457.51	328049.05	0:00	0	0:00	0
2062	Year-Round Residence	Non-Participating	323401.85	328034.31	0:00	0	0:00	0
2063	Year-Round Residence	Non-Participating	323383.12	328259.19	0:00	0	0:00	0
2064	Year-Round Residence	Non-Participating	323407.67	328178.71	0:00	0	0:00	0
2065	Year-Round Residence	Non-Participating	323334.22	328172.95	0:00	0	0:00	0
2066	Year-Round Residence	Non-Participating	323255.59	328317.30	0:00	0	0:00	0
2067	Year-Round Residence	Non-Participating	323367.72	328105.58	0:00	0	0:00	0
2068	Year-Round Residence	Non-Participating	323348.86	328314.75	0:00	0	0:00	0
2069	Year-Round Residence	Non-Participating	323365.81	328452.78	0:00	0	0:00	0
2071	Year-Round Residence	Non-Participating	323074.41	328800.53	0:00	0	0:00	0
2072	Year-Round Residence	Non-Participating	323018.19	329333.57	0:00	0	0:00	0
2073	Year-Round Residence	Non-Participating	323126.84	328452.34	0:00	0	0:00	0
2074	Year-Round Residence	Non-Participating	323083.97	328367.94	0:00	0	0:00	0
2075	Year-Round Residence	Non-Participating	322991.47	328245.18	0:00	0	0:00	0
2076	Year-Round Residence	Non-Participating	322768.02	328103.89	0:00	0	0:00	0
2077	Year-Round Residence	Non-Participating	322467.02	327568.43	8:09	21	1:14	74
2078	Year-Round Residence	Non-Participating	322707.64	327206.33	106:18	82	17:49	1069
2079	Year-Round Residence	Non-Participating	322777.42	327105.61	105:18	84	19:18	1158
2080	Year-Round Residence	Non-Participating	322496.52	327052.38	99:36	58	17:25	1045
2081	Year-Round Residence	Non-Participating	322573.49	326898.05	75:15	83	17:30	1050
2082	Year-Round Residence	Non-Participating	322567.06	326840.98	75:25	85	18:38	1118
2084	Year-Round Residence	Non-Participating	322592.59	326689.96	116:12	94	28:10	1690
2085	Year-Round Residence	Non-Participating	322612.52	326636.84	142:22	95	33:54	2034
2087	Year-Round Residence	Non-Participating	320969.30	328928.06	0:00	0	0:00	0
2088	Year-Round Residence	Non-Participating	320913.27	328673.84	0:00	0	0:00	0
2089	Year-Round Residence	Non-Participating	320917.43	328713.54	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2090	Year-Round Residence	Non-Participating	321018.22	328480.66	0:00	0	0:00	0
2091	Year-Round Residence	Non-Participating	320734.52	328209.08	0:00	0	0:00	0
2092	Year-Round Residence	Non-Participating	320863.84	327734.75	0:00	0	0:00	0
2093	Year-Round Residence	Non-Participating	320865.80	327648.28	0:00	0	0:00	0
2094	Year-Round Residence	Non-Participating	320911.57	327443.86	73:08	65	11:42	702
2095	Year-Round Residence	Non-Participating	321231.57	327396.28	37:29	31	6:36	396
2096	Year-Round Residence	Non-Participating	321281.06	327432.34	21:40	28	3:49	229
2097	Year-Round Residence	Non-Participating	321305.49	327439.75	16:31	28	3:02	182
2098	Year-Round Residence	Non-Participating	321472.45	327560.64	12:21	24	2:09	129
2099	Year-Round Residence	Non-Participating	321845.99	327638.43	0:00	0	0:00	0
2100	Year-Round Residence	Non-Participating	321663.33	327576.76	0:00	0	0:00	0
2101	Year-Round Residence	Non-Participating	321949.54	327582.40	0:00	0	0:00	0
2103	Year-Round Residence	Non-Participating	321101.11	327013.69	70:24	37	15:36	936
2105	Year-Round Residence	Non-Participating	321022.08	326632.06	91:09	44	26:26	1586
2106	Year-Round Residence	Non-Participating	321088.81	326528.24	109:05	42	33:25	2005
2108	Year-Round Residence	Non-Participating	321029.12	326173.07	69:16	54	21:20	1280
2109	Year-Round Residence	Non-Participating	321023.32	326056.07	40:32	56	12:34	754
2110	Year-Round Residence	Non-Participating	321235.28	325875.73	46:59	57	14:49	889
2111	Year-Round Residence	Non-Participating	320566.39	326039.10	46:58	46	15:11	911
2112	Year-Round Residence	Non-Participating	320670.77	325947.15	75:52	48	24:27	1467
2113	Year-Round Residence	Non-Participating	320801.03	326107.49	66:40	41	20:55	1255
2114	Year-Round Residence	Non-Participating	320855.37	326109.39	67:54	46	21:15	1275
2116	Year-Round Residence	Non-Participating	321181.58	325502.12	0:00	0	0:00	0
2117	Year-Round Residence	Non-Participating	321494.75	325447.42	0:00	0	0:00	0
2118	Year-Round Residence	Non-Participating	322261.33	325265.68	0:00	0	0:00	0
2119	Year-Round Residence	Non-Participating	320754.16	325409.48	24:59	26	4:11	251
2120	Year-Round Residence	Non-Participating	320611.79	325266.40	11:51	24	2:13	133
2121	Year-Round Residence	Non-Participating	320235.73	325197.65	0:00	0	0:00	0
2122	Year-Round Residence	Non-Participating	320001.27	325159.85	0:00	0	0:00	0
2124	Year-Round Residence	Non-Participating	319855.37	324982.19	0:00	0	0:00	0
2125	Year-Round Residence	Non-Participating	319793.27	325065.57	0:00	0	0:00	0
2126	Year-Round Residence	Non-Participating	319599.34	324648.18	0:00	0	0:00	0
2127	Year-Round Residence	Non-Participating	319354.71	325044.13	0:00	0	0:00	0
2128	Year-Round Residence	Non-Participating	319139.67	325009.96	0:00	0	0:00	0
2129	Year-Round Residence	Non-Participating	319033.08	325020.70	0:00	0	0:00	0
2130	Year-Round Residence	Non-Participating	318739.64	325178.02	0:00	0	0:00	0
2131	Year-Round Residence	Non-Participating	318427.18	323649.23	0:00	0	0:00	0
2132	Year-Round Residence	Non-Participating	318538.37	323819.18	0:00	0	0:00	0
2133	Year-Round Residence	Non-Participating	319953.76	323718.65	0:00	0	0:00	0
2134	Year-Round Residence	Non-Participating	320119.88	323794.81	0:00	0	0:00	0
2135	Year-Round Residence	Non-Participating	320487.89	323811.67	0:00	0	0:00	0
2136	Year-Round Residence	Non-Participating	320499.59	323707.41	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2137	Year-Round Residence	Non-Participating	320588.73	323829.73	17:11	23	5:24	324
2138	Year-Round Residence	Non-Participating	320634.31	323597.91	0:00	0	0:00	0
2139	Year-Round Residence	Non-Participating	320652.32	323847.65	15:35	23	4:53	293
2140	Year-Round Residence	Non-Participating	320714.19	323721.22	0:00	0	0:00	0
2141	Year-Round Residence	Non-Participating	320807.77	323957.87	23:59	30	7:33	453
2142	Year-Round Residence	Non-Participating	320951.10	323740.62	0:00	0	0:00	0
2143	Year-Round Residence	Non-Participating	321128.20	323846.61	0:00	0	0:00	0
2144	Year-Round Residence	Non-Participating	321236.64	323755.62	0:00	0	0:00	0
2147	Year-Round Residence	Non-Participating	321244.65	324691.59	40:25	49	11:17	677
2148	Year-Round Residence	Non-Participating	321289.82	324758.55	43:51	51	11:43	703
2149	Year-Round Residence	Non-Participating	321216.36	325253.60	29:55	37	4:56	296
2150	Year-Round Residence	Non-Participating	318961.48	322595.58	0:00	0	0:00	0
2151	Year-Round Residence	Non-Participating	319107.37	322596.03	0:00	0	0:00	0
2152	Year-Round Residence	Non-Participating	319131.72	322744.88	0:00	0	0:00	0
2153	Year-Round Residence	Non-Participating	319431.50	322697.62	0:00	0	0:00	0
2154	Year-Round Residence	Non-Participating	319500.43	322629.84	0:00	0	0:00	0
2155	Year-Round Residence	Non-Participating	319492.20	322508.22	0:00	0	0:00	0
2156	Year-Round Residence	Non-Participating	319675.98	322626.26	0:00	0	0:00	0
2157	Year-Round Residence	Non-Participating	319723.26	322575.18	0:00	0	0:00	0
2158	Year-Round Residence	Non-Participating	319862.71	322633.13	0:00	0	0:00	0
2159	Year-Round Residence	Non-Participating	320013.02	322705.20	0:00	0	0:00	0
2160	Year-Round Residence	Non-Participating	320133.34	322561.27	0:00	0	0:00	0
2161	Year-Round Residence	Non-Participating	320108.93	322456.92	0:00	0	0:00	0
2162	Year-Round Residence	Non-Participating	320278.12	322230.53	0:00	0	0:00	0
2163	Year-Round Residence	Non-Participating	320072.06	322107.50	0:00	0	0:00	0
2164	Year-Round Residence	Non-Participating	320128.77	321873.81	0:00	0	0:00	0
2165	Year-Round Residence	Non-Participating	320198.12	321872.89	0:00	0	0:00	0
2166	Year-Round Residence	Non-Participating	320646.36	322406.37	0:00	0	0:00	0
2167	Year-Round Residence	Non-Participating	320688.55	322405.73	0:00	0	0:00	0
2168	Year-Round Residence	Non-Participating	320865.18	322476.96	0:00	0	0:00	0
2169	Year-Round Residence	Non-Participating	320871.34	322333.98	0:00	0	0:00	0
2170	Year-Round Residence	Non-Participating	321008.19	322520.21	0:00	0	0:00	0
2171	Year-Round Residence	Non-Participating	321036.45	322623.33	0:00	0	0:00	0
2172	Year-Round Residence	Non-Participating	321196.77	322674.85	0:00	0	0:00	0
2173	Year-Round Residence	Non-Participating	321332.24	323205.30	0:00	0	0:00	0
2174	Year-Round Residence	Non-Participating	321273.03	323611.33	0:00	0	0:00	0
2175	Year-Round Residence	Non-Participating	321330.49	323663.55	0:00	0	0:00	0
2176	Year-Round Residence	Non-Participating	321266.37	323695.12	0:00	0	0:00	0
2177	Year-Round Residence	Non-Participating	321332.01	323690.66	0:00	0	0:00	0
2178	Year-Round Residence	Non-Participating	321326.62	323721.44	0:00	0	0:00	0
2179	Year-Round Residence	Non-Participating	321331.28	323755.26	0:00	0	0:00	0
2180	Year-Round Residence	Non-Participating	321392.43	323805.81	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2181	Year-Round Residence	Non-Participating	321457.24	323895.86	0:00	0	0:00	0
2182	Year-Round Residence	Non-Participating	321481.47	323815.21	0:00	0	0:00	0
2183	Year-Round Residence	Non-Participating	321550.16	323819.68	0:00	0	0:00	0
2184	Year-Round Residence	Non-Participating	321797.10	323858.39	5:33	18	1:34	94
2185	Year-Round Residence	Non-Participating	322317.09	323793.43	16:53	34	4:51	291
2186	Year-Round Residence	Non-Participating	322299.17	323692.72	16:23	32	4:55	295
2187	Year-Round Residence	Non-Participating	322289.02	323632.63	15:58	31	4:54	294
2188	Year-Round Residence	Non-Participating	322498.93	323685.05	31:36	44	9:43	583
2190	Year-Round Residence	Non-Participating	322237.95	323370.69	20:42	30	6:34	394
2191	Year-Round Residence	Non-Participating	322306.56	322793.17	0:00	0	0:00	0
2192	Year-Round Residence	Non-Participating	321645.38	322762.48	0:00	0	0:00	0
2193	Year-Round Residence	Non-Participating	321506.29	322752.90	0:00	0	0:00	0
2194	Year-Round Residence	Non-Participating	321399.49	322715.29	0:00	0	0:00	0
2195	Year-Round Residence	Non-Participating	321428.38	322675.44	0:00	0	0:00	0
2196	Year-Round Residence	Non-Participating	322414.03	321457.55	0:00	0	0:00	0
2197	Year-Round Residence	Non-Participating	322337.39	321291.48	0:00	0	0:00	0
2198	Year-Round Residence	Non-Participating	322350.12	321149.07	0:00	0	0:00	0
2199	Year-Round Residence	Non-Participating	322375.72	320848.19	0:00	0	0:00	0
2200	Year-Round Residence	Non-Participating	322499.02	320616.23	0:00	0	0:00	0
2201	Year-Round Residence	Non-Participating	322801.07	320586.67	0:00	0	0:00	0
2202	Year-Round Residence	Non-Participating	323045.34	320704.79	0:00	0	0:00	0
2203	Year-Round Residence	Non-Participating	323233.08	320282.05	0:00	0	0:00	0
2204	Year-Round Residence	Non-Participating	323624.44	320853.85	0:00	0	0:00	0
2210	Year-Round Residence	Non-Participating	322830.49	320670.86	0:00	0	0:00	0
2272	Year-Round Residence	Non-Participating	322393.92	321271.49	0:00	0	0:00	0
2273	Seasonal Residence	Non-Participating	323228.81	320305.64	0:00	0	0:00	0
2278	Year-Round Residence	Non-Participating	322400.69	321167.43	0:00	0	0:00	0
2282	Year-Round Residence	Non-Participating	315427.17	323244.21	0:00	0	0:00	0
2285	Year-Round Residence	Non-Participating	321281.75	323344.86	0:00	0	0:00	0
2288	Year-Round Residence	Non-Participating	317714.28	323769.99	0:00	0	0:00	0
2289	Year-Round Residence	Non-Participating	315802.63	325088.17	0:00	0	0:00	0
2290	Year-Round Residence	Non-Participating	316680.98	324109.55	0:00	0	0:00	0
2294	Year-Round Residence	Non-Participating	320793.90	328512.24	0:00	0	0:00	0
2295	Year-Round Residence	Non-Participating	319964.32	329432.95	32:43	38	5:37	337
2296	Year-Round Residence	Non-Participating	320015.01	329237.79	26:22	39	6:00	360
2297	Year-Round Residence	Non-Participating	319023.18	326977.46	5:57	18	1:30	90
2298	Year-Round Residence	Non-Participating	323840.75	329758.79	0:00	0	0:00	0
2300	Year-Round Residence	Non-Participating	314994.79	328708.63	24:40	27	4:07	247
2301	Year-Round Residence	Non-Participating	319061.13	333208.12	0:00	0	0:00	0
2302	Year-Round Residence	Non-Participating	317634.41	333444.75	0:00	0	0:00	0
2304	Year-Round Residence	Non-Participating	316723.50	330023.82	0:00	0	0:00	0
2306	Year-Round Residence	Non-Participating	313880.70	327015.38	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2307	Year-Round Residence	Non-Participating	315008.18	329053.93	0:00	0	0:00	0
2308	Year-Round Residence	Non-Participating	315007.78	330770.16	0:00	0	0:00	0
2310	Year-Round Residence	Non-Participating	313500.02	328731.95	0:00	0	0:00	0
2311	Year-Round Residence	Non-Participating	315619.09	332050.39	0:00	0	0:00	0
2312	Year-Round Residence	Non-Participating	317322.62	327370.68	69:37	42	21:19	1279
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0
2325	Year-Round Residence	Non-Participating	315598.28	326588.23	0:00	0	0:00	0
2326	Year-Round Residence	Non-Participating	315628.98	326631.08	0:00	0	0:00	0
2327	Year-Round Residence	Non-Participating	315708.22	326612.24	9:16	24	2:41	161
2333	Year-Round Residence	Non-Participating	320170.47	329386.57	19:00	32	3:57	237
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Residential Receptors								
<b>1173</b>	<b>Year-Round Residence</b>	<b>Non-Participating</b>	<b>326836.02</b>	<b>324708.98</b>	<b>218:31</b>	<b>87</b>	<b>56:06</b>	<b>3366</b>
<b>1</b>	<b>Year-Round Residence</b>	<b>Non-Participating</b>	<b>325840.23</b>	<b>321460.84</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>



Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	218:31	87	56:06	3366
1847	Year-Round Residence	Non-Participating	316729.64	327608.64	196:54	88	44:31	2671
1845	Year-Round Residence	Non-Participating	316869.29	327483.59	172:23	80	42:42	2562
1846	Year-Round Residence	Non-Participating	316867.91	327577.62	195:41	74	42:33	2553
699	Year-Round Residence	Non-Participating	324594.92	324913.88	176:31	75	41:59	2519
1877	Year-Round Residence	Non-Participating	317873.20	327868.11	129:11	64	40:25	2425
1878	Year-Round Residence	Non-Participating	317875.16	327765.14	129:48	75	40:22	2422
1876	Year-Round Residence	Non-Participating	317788.11	327773.05	125:51	62	38:45	2325
454	Year-Round Residence	Non-Participating	322770.63	323572.25	111:21	69	35:20	2120
2085	Year-Round Residence	Non-Participating	322612.52	326636.84	142:22	95	33:54	2034
2106	Year-Round Residence	Non-Participating	321088.81	326528.24	109:05	42	33:25	2005
700	Year-Round Residence	Non-Participating	324831.93	324371.68	103:00	51	33:09	1989
1810	Year-Round Residence	Non-Participating	317870.98	326376.84	117:18	57	32:25	1945
1874	Year-Round Residence	Non-Participating	317795.94	327720.97	104:47	62	32:25	1945
692	Year-Round Residence	Non-Participating	323917.32	326574.41	98:32	57	32:13	1933
1832	Year-Round Residence	Non-Participating	317203.09	327364.27	102:58	56	32:02	1922
1833	Year-Round Residence	Non-Participating	317149.87	327315.26	101:00	59	31:44	1904
1834	Year-Round Residence	Non-Participating	317079.85	327285.09	99:22	59	31:09	1869
1836	Year-Round Residence	Non-Participating	316933.82	327084.00	108:40	70	30:38	1838
1818	Year-Round Residence	Non-Participating	317538.98	326863.36	150:48	71	30:32	1832
1809	Year-Round Residence	Non-Participating	317952.09	326188.63	94:22	54	29:23	1763
553	Year-Round Residence	Non-Participating	327187.08	325373.13	157:28	103	28:13	1693
2084	Year-Round Residence	Non-Participating	322592.59	326689.96	116:12	94	28:10	1690
1872	Year-Round Residence	Non-Participating	317663.68	327687.36	91:09	58	27:51	1671
1848	Year-Round Residence	Non-Participating	316860.53	327661.08	134:07	70	27:31	1651
1830	Year-Round Residence	Non-Participating	317523.96	327616.10	89:19	48	26:59	1619
455	Year-Round Residence	Non-Participating	322644.45	323527.32	83:58	55	26:40	1600
693	Year-Round Residence	Non-Participating	323939.22	326503.06	79:05	56	26:38	1598
2105	Year-Round Residence	Non-Participating	321022.08	326632.06	91:09	44	26:26	1586
708	Year-Round Residence	Non-Participating	323690.28	324591.21	82:47	69	24:41	1481
1812	Year-Round Residence	Non-Participating	317861.16	326565.00	117:44	52	24:32	1472
2112	Year-Round Residence	Non-Participating	320670.77	325947.15	75:52	48	24:27	1467
706	Year-Round Residence	Non-Participating	323320.03	324905.64	86:10	51	24:09	1449
1628	Year-Round Residence	Non-Participating	315299.06	327572.50	76:13	44	23:21	1401
1893	Year-Round Residence	Non-Participating	320024.26	328665.82	85:07	43	22:37	1357
703	Year-Round Residence	Non-Participating	322846.05	326170.30	70:39	47	22:23	1343
1871	Year-Round Residence	Non-Participating	317729.48	328627.04	73:09	57	21:52	1312
1894	Year-Round Residence	Non-Participating	320027.37	328482.27	88:42	41	21:31	1291
2108	Year-Round Residence	Non-Participating	321029.12	326173.07	69:16	54	21:20	1280
2312	Year-Round Residence	Non-Participating	317322.62	327370.68	69:37	42	21:19	1279
2114	Year-Round Residence	Non-Participating	320855.37	326109.39	67:54	46	21:15	1275
1835	Year-Round Residence	Non-Participating	316840.21	327098.10	82:55	62	21:06	1266

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1895	Year-Round Residence	Non-Participating	319948.26	328511.28	88:04	42	20:57	1257
2113	Year-Round Residence	Non-Participating	320801.03	326107.49	66:40	41	20:55	1255
1815	Year-Round Residence	Non-Participating	317784.56	326706.62	87:50	53	20:46	1246
541	Year-Round Residence	Non-Participating	326962.47	323754.45	62:31	45	20:44	1244
704	Year-Round Residence	Non-Participating	322857.95	326139.50	62:37	47	19:56	1196
1819	Year-Round Residence	Non-Participating	317637.37	326943.56	107:13	58	19:54	1194
1831	Year-Round Residence	Non-Participating	317300.80	327256.63	61:20	43	19:48	1188
1897	Year-Round Residence	Non-Participating	319792.29	328291.44	100:42	49	19:42	1182
709	Year-Round Residence	Non-Participating	323599.59	324540.28	63:21	60	19:30	1170
2079	Year-Round Residence	Non-Participating	322777.42	327105.61	105:18	84	19:18	1158
1899	Year-Round Residence	Non-Participating	320033.46	327691.83	57:35	43	18:54	1134
1813	Year-Round Residence	Non-Participating	317954.94	326603.29	94:22	46	18:51	1131
540	Year-Round Residence	Non-Participating	327012.42	323661.50	55:22	42	18:46	1126
453	Year-Round Residence	Non-Participating	322840.82	323525.82	59:16	63	18:40	1120
2082	Year-Round Residence	Non-Participating	322567.06	326840.98	75:25	85	18:38	1118
2078	Year-Round Residence	Non-Participating	322707.64	327206.33	106:18	82	17:49	1069
1870	Year-Round Residence	Non-Participating	317528.33	329143.42	66:34	46	17:39	1059
542	Year-Round Residence	Non-Participating	326946.82	323784.39	53:48	46	17:38	1058
2081	Year-Round Residence	Non-Participating	322573.49	326898.05	75:15	83	17:30	1050
2080	Year-Round Residence	Non-Participating	322496.52	327052.38	99:36	58	17:25	1045
1896	Year-Round Residence	Non-Participating	319856.01	328167.37	70:52	48	17:20	1040
552	Year-Round Residence	Non-Participating	326755.39	325346.80	76:01	44	17:19	1039
1814	Year-Round Residence	Non-Participating	317884.19	326712.01	79:03	46	17:03	1023
1898	Year-Round Residence	Non-Participating	319929.38	328013.01	56:48	47	15:59	959
1838	Year-Round Residence	Non-Participating	316826.23	326999.13	92:11	64	15:54	954
691	Year-Round Residence	Non-Participating	323948.14	326728.54	51:24	54	15:46	946
1858	Year-Round Residence	Non-Participating	316936.56	328566.79	64:27	33	15:44	944
1811	Year-Round Residence	Non-Participating	318028.58	326513.05	66:12	44	15:44	944
2103	Year-Round Residence	Non-Participating	321101.11	327013.69	70:24	37	15:36	936
539	Year-Round Residence	Non-Participating	327028.98	323617.64	45:43	41	15:36	936
618	Year-Round Residence	Non-Participating	326712.96	325555.38	82:50	49	15:33	933
617	Year-Round Residence	Non-Participating	326708.71	325510.49	78:25	48	15:33	933
1912	Year-Round Residence	Non-Participating	317869.60	327226.91	66:48	38	15:24	924
653	Year-Round Residence	Non-Participating	326572.88	325697.83	95:26	77	15:23	923
1820	Year-Round Residence	Non-Participating	317691.66	327012.44	85:50	52	15:11	911
2111	Year-Round Residence	Non-Participating	320566.39	326039.10	46:58	46	15:11	911
1432	Seasonal Residence	Non-Participating	319185.70	326447.45	59:58	49	15:03	903
2110	Year-Round Residence	Non-Participating	321235.28	325875.73	46:59	57	14:49	889
1909	Year-Round Residence	Non-Participating	317946.40	327282.03	61:54	34	14:46	886
543	Year-Round Residence	Non-Participating	326931.48	323842.78	45:26	46	14:39	879
1829	Year-Round Residence	Non-Participating	317585.61	327537.21	49:33	40	14:38	878
656	Year-Round Residence	Non-Participating	326367.51	325624.10	90:31	68	14:18	858

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1174	Year-Round Residence	Non-Participating	328258.97	324981.09	55:55	42	14:12	852
654	Year-Round Residence	Non-Participating	326496.07	325713.02	88:10	78	14:01	841
1850	Year-Round Residence	Non-Participating	316720.79	327878.23	46:43	52	13:32	812
1892	Year-Round Residence	Non-Participating	320033.24	328805.43	46:04	43	13:31	811
554	Year-Round Residence	Non-Participating	327684.86	325423.87	89:10	74	13:30	810
1840	Year-Round Residence	Non-Participating	316398.61	326657.22	51:32	43	13:28	808
715	Seasonal Residence	Non-Participating	326701.27	325635.06	76:41	55	13:26	806
658	Year-Round Residence	Non-Participating	326307.12	325606.54	86:13	64	13:20	800
2109	Year-Round Residence	Non-Participating	321023.32	326056.07	40:32	56	12:34	754
1817	Year-Round Residence	Non-Participating	317775.27	326890.74	57:17	50	12:31	751
1426	Seasonal Residence	Non-Participating	316087.96	326037.01	39:53	31	12:30	750
1851	Year-Round Residence	Non-Participating	316725.04	327941.87	44:07	52	11:46	706
2148	Year-Round Residence	Non-Participating	321289.82	324758.55	43:51	51	11:43	703
1816	Year-Round Residence	Non-Participating	317841.36	326803.41	46:40	48	11:42	702
2094	Year-Round Residence	Non-Participating	320911.57	327443.86	73:08	65	11:42	702
619	Year-Round Residence	Non-Participating	326695.20	325726.06	71:32	58	11:29	689
1828	Year-Round Residence	Non-Participating	317633.66	327536.18	39:05	37	11:24	684
1849	Year-Round Residence	Non-Participating	316800.48	327847.08	38:09	47	11:20	680
509	Year-Round Residence	Non-Participating	327335.06	323449.52	32:59	30	11:18	678
2147	Year-Round Residence	Non-Participating	321244.65	324691.59	40:25	49	11:17	677
510	Year-Round Residence	Non-Participating	327391.76	323456.44	32:42	29	11:12	672
698	Year-Round Residence	Non-Participating	324363.05	325478.61	73:21	58	11:09	669
1868	Year-Round Residence	Non-Participating	317365.64	329241.46	45:08	37	11:03	663
1618	Year-Round Residence	Non-Participating	315323.62	328136.21	51:42	42	10:59	659
555	Year-Round Residence	Non-Participating	327986.87	325353.51	54:37	54	10:56	656
1156	Seasonal Residence	Non-Participating	323927.02	326942.58	44:49	52	10:55	655
1886	Year-Round Residence	Non-Participating	319089.32	329472.21	56:05	39	10:50	650
1842	Year-Round Residence	Non-Participating	316196.14	326473.24	36:25	36	10:36	636
1841	Year-Round Residence	Non-Participating	316265.84	326629.64	39:10	38	10:32	632
508	Year-Round Residence	Non-Participating	327288.39	323447.52	30:33	31	10:28	628
1171	Year-Round Residence	Non-Participating	327603.15	325435.83	70:00	72	10:25	625
1837	Year-Round Residence	Non-Participating	316884.39	327047.54	62:49	62	10:21	621
655	Year-Round Residence	Non-Participating	326404.00	325722.64	65:32	63	10:15	615
1826	Year-Round Residence	Non-Participating	317576.50	327491.43	34:31	32	9:55	595
1852	Year-Round Residence	Non-Participating	316797.72	327929.84	36:10	47	9:53	593
1867	Year-Round Residence	Non-Participating	317297.54	329233.89	38:55	35	9:44	584
1821	Year-Round Residence	Non-Participating	317665.11	327126.93	52:48	47	9:43	583
2188	Year-Round Residence	Non-Participating	322498.93	323685.05	31:36	44	9:43	583
711	Year-Round Residence	Non-Participating	322599.52	325185.83	56:01	38	9:38	578
685	Year-Round Residence	Non-Participating	325319.64	325594.68	44:22	65	9:37	577
1438	Year-Round Residence	Non-Participating	318721.38	329731.20	62:29	51	9:30	570
1843	Year-Round Residence	Non-Participating	316135.62	326486.33	32:12	33	9:18	558

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
684	Year-Round Residence	Non-Participating	325296.66	325606.08	43:24	65	9:17	557
1889	Year-Round Residence	Non-Participating	319725.06	329477.24	55:25	46	9:14	554
1891	Year-Round Residence	Non-Participating	320012.36	329120.81	41:31	41	9:12	552
1866	Year-Round Residence	Non-Participating	317277.95	329358.71	39:43	34	8:57	537
683	Year-Round Residence	Non-Participating	325279.20	325628.61	42:45	64	8:56	536
1906	Year-Round Residence	Non-Participating	318198.61	327257.05	38:30	29	8:50	530
1844	Year-Round Residence	Non-Participating	316097.57	326466.61	30:23	32	8:48	528
1661	Year-Round Residence	Non-Participating	315829.11	325983.55	27:27	26	8:45	525
527	Year-Round Residence	Non-Participating	328542.55	324881.84	31:33	32	8:43	523
660	Year-Round Residence	Non-Participating	326224.58	325615.64	56:18	58	8:42	522
1853	Year-Round Residence	Non-Participating	316791.30	328033.28	35:11	46	8:40	520
682	Year-Round Residence	Non-Participating	325269.53	325663.08	43:16	63	8:39	519
1880	Year-Round Residence	Non-Participating	318181.54	329665.21	54:44	77	8:32	512
1910	Year-Round Residence	Non-Participating	317869.78	327340.63	30:40	25	8:08	488
1616	Year-Round Residence	Non-Participating	315375.61	328245.23	40:57	43	8:05	485
557	Year-Round Residence	Non-Participating	328156.33	325593.76	51:08	39	8:04	484
516	Year-Round Residence	Non-Participating	328672.21	323635.95	23:25	26	8:01	481
1865	Year-Round Residence	Non-Participating	317149.31	329146.05	29:13	31	7:59	479
529	Year-Round Residence	Non-Participating	328534.45	324976.61	30:53	32	7:58	478
1855	Year-Round Residence	Non-Participating	316793.25	328400.12	50:02	40	7:44	464
1863	Year-Round Residence	Non-Participating	317121.04	329124.55	27:57	30	7:43	463
556	Year-Round Residence	Non-Participating	328153.86	325350.10	34:11	44	7:40	460
1649	Year-Round Residence	Non-Participating	315325.96	326678.06	23:57	29	7:34	454
2141	Year-Round Residence	Non-Participating	320807.77	323957.87	23:59	30	7:33	453
1890	Year-Round Residence	Non-Participating	319926.16	329496.33	46:33	38	7:23	443
1827	Year-Round Residence	Non-Participating	317636.48	327508.14	25:55	29	7:16	436
1864	Year-Round Residence	Non-Participating	317119.50	329207.05	27:31	30	7:15	435
1913	Year-Round Residence	Non-Participating	317829.82	327219.15	39:56	39	7:03	423
1881	Year-Round Residence	Non-Participating	318246.14	329677.09	45:06	72	6:57	417
1908	Year-Round Residence	Non-Participating	317946.93	327044.15	36:09	39	6:46	406
1657	Year-Round Residence	Non-Participating	315945.37	326471.62	23:20	28	6:43	403
530	Year-Round Residence	Non-Participating	328333.33	325321.72	31:51	37	6:40	400
657	Year-Round Residence	Non-Participating	326332.81	325715.92	42:14	41	6:37	397
2095	Year-Round Residence	Non-Participating	321231.57	327396.28	37:29	31	6:36	396
2190	Year-Round Residence	Non-Participating	322237.95	323370.69	20:42	30	6:34	394
1617	Year-Round Residence	Non-Participating	315278.96	328192.26	28:46	40	6:34	394
1884	Year-Round Residence	Non-Participating	318947.05	329703.38	36:21	41	6:32	392
1860	Year-Round Residence	Non-Participating	316985.76	329043.34	22:50	27	6:28	388
1862	Year-Round Residence	Non-Participating	317027.80	329217.38	23:51	27	6:19	379
1428	Seasonal Residence	Non-Participating	315968.20	326636.82	23:16	29	6:16	376
1822	Year-Round Residence	Non-Participating	317635.65	327185.22	29:35	33	6:11	371
705	Year-Round Residence	Non-Participating	323158.90	325496.31	33:03	37	6:09	369

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1888	Year-Round Residence	Non-Participating	319629.55	329510.39	35:14	39	6:03	363
1861	Year-Round Residence	Non-Participating	316964.17	329117.95	21:51	26	6:00	360
2296	Year-Round Residence	Non-Participating	320015.01	329237.79	26:22	39	6:00	360
1887	Year-Round Residence	Non-Participating	319497.08	329612.15	30:59	27	5:54	354
1856	Year-Round Residence	Non-Participating	316791.15	328458.33	38:52	39	5:52	352
1914	Year-Round Residence	Non-Participating	317756.82	327231.65	30:15	34	5:44	344
2295	Year-Round Residence	Non-Participating	319964.32	329432.95	32:43	38	5:37	337
1885	Year-Round Residence	Non-Participating	319021.18	329701.88	29:04	38	5:29	329
2137	Year-Round Residence	Non-Participating	320588.73	323829.73	17:11	23	5:24	324
1660	Year-Round Residence	Non-Participating	315822.14	326099.45	16:54	25	5:21	321
511	Year-Round Residence	Non-Participating	327576.50	323465.03	15:29	24	5:14	314
1650	Year-Round Residence	Non-Participating	315276.32	326611.41	16:21	25	5:08	308
2149	Year-Round Residence	Non-Participating	321216.36	325253.60	29:55	37	4:56	296
2186	Year-Round Residence	Non-Participating	322299.17	323692.72	16:23	32	4:55	295
2187	Year-Round Residence	Non-Participating	322289.02	323632.63	15:58	31	4:54	294
1659	Year-Round Residence	Non-Participating	315824.98	326142.57	15:36	26	4:54	294
2139	Year-Round Residence	Non-Participating	320652.32	323847.65	15:35	23	4:53	293
1632	Year-Round Residence	Non-Participating	315368.39	327208.25	15:57	30	4:52	292
1427	Seasonal Residence	Non-Participating	316116.75	325871.01	15:38	28	4:52	292
2185	Year-Round Residence	Non-Participating	322317.09	323793.43	16:53	34	4:51	291
1430	Seasonal Residence	Non-Participating	320063.55	329354.58	23:40	36	4:49	289
1882	Year-Round Residence	Non-Participating	318341.11	329689.11	32:21	66	4:44	284
531	Year-Round Residence	Non-Participating	328415.82	325312.78	19:22	34	4:41	281
701	Year-Round Residence	Non-Participating	324991.93	323830.97	14:49	29	4:38	278
659	Year-Round Residence	Non-Participating	326269.00	325693.83	28:34	34	4:31	271
1916	Year-Round Residence	Non-Participating	317683.63	327237.29	19:30	27	4:26	266
1857	Year-Round Residence	Non-Participating	316791.53	328497.47	29:38	37	4:23	263
1825	Year-Round Residence	Non-Participating	317579.77	327331.26	15:06	31	4:18	258
710	Year-Round Residence	Non-Participating	324371.67	323917.57	15:14	31	4:14	254
2119	Year-Round Residence	Non-Participating	320754.16	325409.48	24:59	26	4:11	251
678	Year-Round Residence	Non-Participating	324383.65	327571.59	27:12	27	4:08	248
2300	Year-Round Residence	Non-Participating	314994.79	328708.63	24:40	27	4:07	247
1658	Year-Round Residence	Non-Participating	315838.17	326300.72	13:07	26	4:04	244
537	Year-Round Residence	Non-Participating	327087.71	323490.62	11:51	25	4:01	241
528	Year-Round Residence	Non-Participating	328724.14	324956.55	12:56	27	4:00	240
2333	Year-Round Residence	Non-Participating	320170.47	329386.57	19:00	32	3:57	237
1918	Year-Round Residence	Non-Participating	320124.53	329458.58	21:45	32	3:56	236
1631	Year-Round Residence	Non-Participating	315302.45	327324.36	13:32	29	3:54	234
2096	Year-Round Residence	Non-Participating	321281.06	327432.34	21:40	28	3:49	229
1901	Year-Round Residence	Non-Participating	319781.73	327276.44	23:47	40	3:47	227
1655	Year-Round Residence	Non-Participating	315871.35	326483.86	12:20	27	3:46	226
1623	Year-Round Residence	Non-Participating	315017.68	328719.70	22:32	27	3:44	224

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1656	Year-Round Residence	Non-Participating	315807.96	326378.91	11:50	26	3:41	221
1630	Year-Round Residence	Non-Participating	315279.35	327360.23	12:55	28	3:41	221
1883	Year-Round Residence	Non-Participating	318451.05	329711.83	24:38	44	3:28	208
1907	Year-Round Residence	Non-Participating	318148.59	327089.71	17:32	31	3:13	193
1602	Year-Round Residence	Non-Participating	317146.67	329782.64	15:27	28	3:11	191
1917	Year-Round Residence	Non-Participating	317707.23	327306.74	11:03	27	3:10	190
532	Year-Round Residence	Non-Participating	328667.48	325315.61	12:35	27	3:08	188
1654	Year-Round Residence	Non-Participating	315726.55	326447.63	10:05	24	3:05	185
1629	Year-Round Residence	Non-Participating	314688.18	327819.34	10:18	25	3:03	183
2097	Year-Round Residence	Non-Participating	321305.49	327439.75	16:31	28	3:02	182
1224	Year-Round Residence	Non-Participating	316822.82	329014.14	9:54	24	3:02	182
1615	Year-Round Residence	Non-Participating	315697.13	328351.49	19:24	37	3:00	180
1635	Year-Round Residence	Non-Participating	315772.80	326591.51	10:13	25	2:59	179
1911	Year-Round Residence	Non-Participating	317799.76	327315.89	12:50	24	2:58	178
1904	Year-Round Residence	Non-Participating	318411.16	327046.82	16:55	22	2:58	178
1915	Year-Round Residence	Non-Participating	317743.67	327305.40	9:59	26	2:52	172
1634	Year-Round Residence	Non-Participating	315758.97	326633.30	9:43	24	2:47	167
1639	Year-Round Residence	Non-Participating	315716.77	326577.99	9:28	24	2:47	167
1621	Year-Round Residence	Non-Participating	314870.08	328530.03	14:38	26	2:45	165
1604	Year-Round Residence	Non-Participating	316840.36	329228.44	9:32	24	2:44	164
1633	Year-Round Residence	Non-Participating	315741.37	326674.82	9:30	24	2:42	162
1902	Year-Round Residence	Non-Participating	319178.04	327068.60	10:57	26	2:41	161
2327	Year-Round Residence	Non-Participating	315708.22	326612.24	9:16	24	2:41	161
1622	Year-Round Residence	Non-Participating	314833.81	328593.64	14:32	25	2:41	161
1640	Year-Round Residence	Non-Participating	315693.92	326579.97	9:08	24	2:40	160
1619	Year-Round Residence	Non-Participating	314772.89	328334.16	11:09	25	2:40	160
1636	Year-Round Residence	Non-Participating	315695.63	326613.37	9:07	24	2:38	158
1601	Year-Round Residence	Non-Participating	317011.56	329803.88	12:14	25	2:38	158
1641	Year-Round Residence	Non-Participating	315682.78	326584.02	8:59	23	2:37	157
1603	Year-Round Residence	Non-Participating	316828.16	329278.93	9:14	24	2:37	157
1620	Year-Round Residence	Non-Participating	314771.79	328401.56	11:23	25	2:35	155
1637	Year-Round Residence	Non-Participating	315678.30	326616.04	8:53	23	2:34	154
697	Year-Round Residence	Non-Participating	324282.81	325570.53	17:59	36	2:29	149
1163	Year-Round Residence	Non-Participating	324570.27	327397.25	12:59	25	2:22	142
1164	Year-Round Residence	Non-Participating	324599.72	327375.63	12:10	25	2:19	139
2120	Year-Round Residence	Non-Participating	320611.79	325266.40	11:51	24	2:13	133
679	Year-Round Residence	Non-Participating	324665.78	327336.01	10:44	24	2:13	133
2098	Year-Round Residence	Non-Participating	321472.45	327560.64	12:21	24	2:09	129
1905	Year-Round Residence	Non-Participating	318337.74	327121.60	10:24	25	2:02	122
661	Year-Round Residence	Non-Participating	326198.44	325709.84	10:28	23	1:56	116
1903	Year-Round Residence	Non-Participating	318390.70	327291.22	9:52	22	1:39	99
2184	Year-Round Residence	Non-Participating	321797.10	323858.39	5:33	18	1:34	94

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2297	Year-Round Residence	Non-Participating	319023.18	326977.46	5:57	18	1:30	90
1943	Year-Round Residence	Non-Participating	318954.49	330094.34	10:32	23	1:26	86
2077	Year-Round Residence	Non-Participating	322467.02	327568.43	8:09	21	1:14	74
1648	Year-Round Residence	Non-Participating	315349.91	326589.01	2:15	11	0:40	40
690	Year-Round Residence	Non-Participating	323743.37	327378.89	2:23	13	0:17	17
2093	Year-Round Residence	Non-Participating	320865.80	327648.28	0:00	0	0:00	0
1722	Year-Round Residence	Non-Participating	315905.96	325564.46	0:00	0	0:00	0
1859	Year-Round Residence	Non-Participating	316784.42	328783.87	0:00	0	0:00	0
2116	Year-Round Residence	Non-Participating	321181.58	325502.12	0:00	0	0:00	0
1720	Year-Round Residence	Non-Participating	315845.20	325721.23	0:00	0	0:00	0
394	Year-Round Residence	Non-Participating	324602.97	323042.45	0:00	0	0:00	0
1719	Year-Round Residence	Non-Participating	315842.16	325777.59	0:00	0	0:00	0
1605	Year-Round Residence	Non-Participating	316735.89	329005.06	0:00	0	0:00	0
1642	Year-Round Residence	Non-Participating	315663.69	326587.78	0:00	0	0:00	0
1643	Year-Round Residence	Non-Participating	315651.38	326588.65	0:00	0	0:00	0
1638	Year-Round Residence	Non-Participating	315657.74	326619.03	0:00	0	0:00	0
1644	Year-Round Residence	Non-Participating	315596.87	326568.99	0:00	0	0:00	0
2326	Year-Round Residence	Non-Participating	315628.98	326631.08	0:00	0	0:00	0
1645	Year-Round Residence	Non-Participating	315597.09	326577.37	0:00	0	0:00	0
2325	Year-Round Residence	Non-Participating	315598.28	326588.23	0:00	0	0:00	0
2091	Year-Round Residence	Non-Participating	320734.52	328209.08	0:00	0	0:00	0
1	Year-Round Residence	Non-Participating	325840.23	321460.84	0:00	0	0:00	0
2	Year-Round Residence	Non-Participating	325754.47	321507.92	0:00	0	0:00	0
3	Year-Round Residence	Non-Participating	325773.13	321554.04	0:00	0	0:00	0
4	Year-Round Residence	Non-Participating	325850.26	321518.33	0:00	0	0:00	0
5	Year-Round Residence	Non-Participating	325787.58	321592.73	0:00	0	0:00	0
6	Year-Round Residence	Non-Participating	325858.58	321556.18	0:00	0	0:00	0
7	Year-Round Residence	Non-Participating	325791.13	321644.33	0:00	0	0:00	0
8	Year-Round Residence	Non-Participating	325882.95	321657.48	0:00	0	0:00	0
9	Year-Round Residence	Non-Participating	325793.62	321691.48	0:00	0	0:00	0
10	Year-Round Residence	Non-Participating	325877.89	321704.54	0:00	0	0:00	0
11	Year-Round Residence	Non-Participating	325847.64	321863.82	0:00	0	0:00	0
12	Year-Round Residence	Non-Participating	325851.42	321801.66	0:00	0	0:00	0
13	Year-Round Residence	Non-Participating	325790.73	321841.34	0:00	0	0:00	0
14	Year-Round Residence	Non-Participating	325780.07	321788.11	0:00	0	0:00	0
15	Year-Round Residence	Non-Participating	325640.85	321775.66	0:00	0	0:00	0
16	Year-Round Residence	Non-Participating	325636.37	321819.21	0:00	0	0:00	0
17	Year-Round Residence	Non-Participating	325637.21	321903.43	0:00	0	0:00	0
18	Year-Round Residence	Non-Participating	325704.43	321882.47	0:00	0	0:00	0
19	Year-Round Residence	Non-Participating	325613.58	321953.56	0:00	0	0:00	0
20	Year-Round Residence	Non-Participating	325707.94	321947.63	0:00	0	0:00	0
21	Year-Round Residence	Non-Participating	325721.23	322023.73	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
22	Year-Round Residence	Non-Participating	325727.19	322101.93	0:00	0	0:00	0
23	Year-Round Residence	Non-Participating	325773.25	322129.89	0:00	0	0:00	0
24	Year-Round Residence	Non-Participating	325778.46	322081.10	0:00	0	0:00	0
25	Year-Round Residence	Non-Participating	325779.27	322052.74	0:00	0	0:00	0
26	Year-Round Residence	Non-Participating	325782.01	322010.36	0:00	0	0:00	0
27	Year-Round Residence	Non-Participating	325591.17	322111.22	0:00	0	0:00	0
28	Year-Round Residence	Non-Participating	325563.80	322171.01	0:00	0	0:00	0
29	Year-Round Residence	Non-Participating	325745.99	322175.13	0:00	0	0:00	0
30	Year-Round Residence	Non-Participating	325836.88	322187.94	0:00	0	0:00	0
31	Year-Round Residence	Non-Participating	325863.10	322130.59	0:00	0	0:00	0
32	Year-Round Residence	Non-Participating	325881.08	322045.14	0:00	0	0:00	0
33	Year-Round Residence	Non-Participating	325941.38	322140.98	0:00	0	0:00	0
34	Year-Round Residence	Non-Participating	325981.28	322146.33	0:00	0	0:00	0
35	Year-Round Residence	Non-Participating	326022.01	322147.17	0:00	0	0:00	0
36	Year-Round Residence	Non-Participating	326026.29	322059.61	0:00	0	0:00	0
37	Year-Round Residence	Non-Participating	326026.98	322021.16	0:00	0	0:00	0
38	Year-Round Residence	Non-Participating	326084.58	321982.60	0:00	0	0:00	0
39	Year-Round Residence	Non-Participating	326077.80	322025.57	0:00	0	0:00	0
40	Year-Round Residence	Non-Participating	326082.63	322074.42	0:00	0	0:00	0
41	Year-Round Residence	Non-Participating	326023.60	322102.89	0:00	0	0:00	0
42	Year-Round Residence	Non-Participating	326068.32	322158.70	0:00	0	0:00	0
43	Year-Round Residence	Non-Participating	325979.48	322191.19	0:00	0	0:00	0
44	Year-Round Residence	Non-Participating	325946.34	322191.13	0:00	0	0:00	0
45	Year-Round Residence	Non-Participating	325947.77	321421.23	0:00	0	0:00	0
46	Year-Round Residence	Non-Participating	326213.99	322125.65	0:00	0	0:00	0
47	Year-Round Residence	Non-Participating	326197.40	322181.67	0:00	0	0:00	0
48	Year-Round Residence	Non-Participating	326173.76	322218.06	0:00	0	0:00	0
49	Year-Round Residence	Non-Participating	326151.94	322249.53	0:00	0	0:00	0
50	Year-Round Residence	Non-Participating	326123.63	322274.56	0:00	0	0:00	0
51	Year-Round Residence	Non-Participating	326082.28	322306.20	0:00	0	0:00	0
52	Year-Round Residence	Non-Participating	326037.96	322338.50	0:00	0	0:00	0
53	Year-Round Residence	Non-Participating	325987.99	322331.51	0:00	0	0:00	0
54	Year-Round Residence	Non-Participating	325985.59	322296.49	0:00	0	0:00	0
55	Year-Round Residence	Non-Participating	325939.18	322348.81	0:00	0	0:00	0
56	Year-Round Residence	Non-Participating	325897.37	322363.57	0:00	0	0:00	0
57	Year-Round Residence	Non-Participating	325866.71	322380.49	0:00	0	0:00	0
58	Year-Round Residence	Non-Participating	325829.44	322403.08	0:00	0	0:00	0
59	Year-Round Residence	Non-Participating	325778.09	322332.39	0:00	0	0:00	0
60	Year-Round Residence	Non-Participating	325486.42	322292.36	0:00	0	0:00	0
61	Year-Round Residence	Non-Participating	325428.67	322164.74	0:00	0	0:00	0
62	Year-Round Residence	Non-Participating	325277.25	322199.50	0:00	0	0:00	0
63	Year-Round Residence	Non-Participating	325378.12	322262.74	0:00	0	0:00	0



Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
64	Year-Round Residence	Non-Participating	326105.29	322385.39	0:00	0	0:00	0
65	Year-Round Residence	Non-Participating	326120.83	322384.71	0:00	0	0:00	0
66	Year-Round Residence	Non-Participating	326146.44	322374.59	0:00	0	0:00	0
67	Year-Round Residence	Non-Participating	326163.79	322374.25	0:00	0	0:00	0
68	Year-Round Residence	Non-Participating	326189.85	322371.42	0:00	0	0:00	0
69	Year-Round Residence	Non-Participating	326227.52	322364.74	0:00	0	0:00	0
70	Year-Round Residence	Non-Participating	326258.55	322365.89	0:00	0	0:00	0
71	Year-Round Residence	Non-Participating	326274.10	322366.04	0:00	0	0:00	0
72	Year-Round Residence	Non-Participating	326289.72	322363.96	0:00	0	0:00	0
73	Year-Round Residence	Non-Participating	326324.44	322357.26	0:00	0	0:00	0
74	Year-Round Residence	Non-Participating	326340.61	322356.42	0:00	0	0:00	0
75	Year-Round Residence	Non-Participating	326447.94	322350.46	0:00	0	0:00	0
76	Year-Round Residence	Non-Participating	326434.67	322307.60	0:00	0	0:00	0
77	Year-Round Residence	Non-Participating	326433.90	322272.44	0:00	0	0:00	0
78	Year-Round Residence	Non-Participating	326467.63	322276.77	0:00	0	0:00	0
79	Year-Round Residence	Non-Participating	326464.91	322261.83	0:00	0	0:00	0
80	Year-Round Residence	Non-Participating	326460.67	322242.56	0:00	0	0:00	0
81	Year-Round Residence	Non-Participating	326456.49	322225.21	0:00	0	0:00	0
82	Year-Round Residence	Non-Participating	326422.04	322244.97	0:00	0	0:00	0
83	Year-Round Residence	Non-Participating	326456.47	322199.61	0:00	0	0:00	0
84	Year-Round Residence	Non-Participating	326426.47	322156.51	0:00	0	0:00	0
85	Year-Round Residence	Non-Participating	326455.56	322162.38	0:00	0	0:00	0
86	Year-Round Residence	Non-Participating	326474.82	322156.62	0:00	0	0:00	0
87	Year-Round Residence	Non-Participating	326473.89	322115.97	0:00	0	0:00	0
88	Year-Round Residence	Non-Participating	326494.70	322112.35	0:00	0	0:00	0
89	Year-Round Residence	Non-Participating	326521.89	322144.46	0:00	0	0:00	0
90	Year-Round Residence	Non-Participating	326525.65	322104.25	0:00	0	0:00	0
91	Year-Round Residence	Non-Participating	326559.22	322146.14	0:00	0	0:00	0
92	Year-Round Residence	Non-Participating	326560.55	322091.34	0:00	0	0:00	0
93	Year-Round Residence	Non-Participating	326565.70	322063.03	0:00	0	0:00	0
94	Year-Round Residence	Non-Participating	326577.01	322030.21	0:00	0	0:00	0
95	Year-Round Residence	Non-Participating	326586.64	321981.91	0:00	0	0:00	0
96	Year-Round Residence	Non-Participating	326621.58	322088.64	0:00	0	0:00	0
97	Year-Round Residence	Non-Participating	326623.57	322067.67	0:00	0	0:00	0
98	Year-Round Residence	Non-Participating	326453.54	322029.49	0:00	0	0:00	0
99	Year-Round Residence	Non-Participating	326476.38	322069.06	0:00	0	0:00	0
100	Year-Round Residence	Non-Participating	326356.15	321103.43	0:00	0	0:00	0
101	Year-Round Residence	Non-Participating	326204.28	321144.93	0:00	0	0:00	0
102	Year-Round Residence	Non-Participating	326675.85	320987.68	0:00	0	0:00	0
103	Year-Round Residence	Non-Participating	326680.94	320911.11	0:00	0	0:00	0
104	Year-Round Residence	Non-Participating	325631.11	321860.97	0:00	0	0:00	0
105	Year-Round Residence	Non-Participating	326747.88	320537.56	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
106	Year-Round Residence	Non-Participating	326769.58	320439.49	0:00	0	0:00	0
107	Year-Round Residence	Non-Participating	326757.47	320235.12	0:00	0	0:00	0
108	Year-Round Residence	Non-Participating	326649.77	320166.94	0:00	0	0:00	0
109	Year-Round Residence	Non-Participating	327107.05	321131.14	0:00	0	0:00	0
110	Year-Round Residence	Non-Participating	327100.78	321247.79	0:00	0	0:00	0
111	Year-Round Residence	Non-Participating	327260.08	321399.60	0:00	0	0:00	0
112	Year-Round Residence	Non-Participating	327356.80	320935.66	0:00	0	0:00	0
113	Year-Round Residence	Non-Participating	327370.63	320842.44	0:00	0	0:00	0
114	Year-Round Residence	Non-Participating	327352.24	320589.74	0:00	0	0:00	0
115	Year-Round Residence	Non-Participating	327283.70	320473.78	0:00	0	0:00	0
116	Year-Round Residence	Non-Participating	328217.19	321536.54	0:00	0	0:00	0
117	Year-Round Residence	Non-Participating	327395.38	320405.93	0:00	0	0:00	0
119	Year-Round Residence	Non-Participating	327443.98	320312.92	0:00	0	0:00	0
120	Year-Round Residence	Non-Participating	327877.12	320375.91	0:00	0	0:00	0
121	Year-Round Residence	Non-Participating	328174.72	320513.45	0:00	0	0:00	0
122	Year-Round Residence	Non-Participating	328253.83	320518.27	0:00	0	0:00	0
123	Year-Round Residence	Non-Participating	328180.55	320592.48	0:00	0	0:00	0
124	Year-Round Residence	Non-Participating	328172.35	320650.31	0:00	0	0:00	0
125	Year-Round Residence	Non-Participating	328299.81	320709.53	0:00	0	0:00	0
126	Year-Round Residence	Non-Participating	328419.92	320612.14	0:00	0	0:00	0
127	Year-Round Residence	Non-Participating	328508.22	320631.35	0:00	0	0:00	0
128	Year-Round Residence	Non-Participating	328148.73	320791.41	0:00	0	0:00	0
129	Year-Round Residence	Non-Participating	328152.43	320966.12	0:00	0	0:00	0
130	Year-Round Residence	Non-Participating	328226.95	320966.84	0:00	0	0:00	0
131	Year-Round Residence	Non-Participating	328214.86	321037.02	0:00	0	0:00	0
132	Year-Round Residence	Non-Participating	328195.35	321178.43	0:00	0	0:00	0
133	Year-Round Residence	Non-Participating	328248.10	321412.38	0:00	0	0:00	0
134	Year-Round Residence	Non-Participating	328163.61	321566.66	0:00	0	0:00	0
135	Year-Round Residence	Non-Participating	328293.42	321676.93	0:00	0	0:00	0
136	Year-Round Residence	Non-Participating	328296.22	321835.79	0:00	0	0:00	0
137	Year-Round Residence	Non-Participating	328289.17	321931.08	0:00	0	0:00	0
138	Year-Round Residence	Non-Participating	328303.17	322063.21	0:00	0	0:00	0
139	Year-Round Residence	Non-Participating	328284.81	322165.67	0:00	0	0:00	0
140	Year-Round Residence	Non-Participating	328410.05	322337.42	0:00	0	0:00	0
141	Year-Round Residence	Non-Participating	327224.97	321852.31	0:00	0	0:00	0
142	Year-Round Residence	Non-Participating	327284.95	321823.71	0:00	0	0:00	0
143	Year-Round Residence	Non-Participating	327302.32	321753.34	0:00	0	0:00	0
144	Year-Round Residence	Non-Participating	327354.12	321805.50	0:00	0	0:00	0
145	Year-Round Residence	Non-Participating	327377.69	321739.49	0:00	0	0:00	0
146	Year-Round Residence	Non-Participating	327130.85	321870.42	0:00	0	0:00	0
147	Year-Round Residence	Non-Participating	327101.69	321856.91	0:00	0	0:00	0
148	Year-Round Residence	Non-Participating	327113.65	321933.39	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
149	Year-Round Residence	Non-Participating	327051.71	321915.43	0:00	0	0:00	0
150	Year-Round Residence	Non-Participating	327089.10	322008.66	0:00	0	0:00	0
151	Year-Round Residence	Non-Participating	327051.28	322233.31	0:00	0	0:00	0
152	Year-Round Residence	Non-Participating	326831.30	322304.31	0:00	0	0:00	0
153	Year-Round Residence	Non-Participating	326815.90	322295.53	0:00	0	0:00	0
154	Year-Round Residence	Non-Participating	326768.36	322265.85	0:00	0	0:00	0
155	Year-Round Residence	Non-Participating	326807.24	322258.82	0:00	0	0:00	0
156	Year-Round Residence	Non-Participating	326762.58	322244.21	0:00	0	0:00	0
157	Year-Round Residence	Non-Participating	326803.42	322240.18	0:00	0	0:00	0
158	Year-Round Residence	Non-Participating	326761.36	322228.10	0:00	0	0:00	0
159	Year-Round Residence	Non-Participating	326759.92	322208.76	0:00	0	0:00	0
160	Year-Round Residence	Non-Participating	326803.67	322214.09	0:00	0	0:00	0
161	Year-Round Residence	Non-Participating	326760.72	322189.95	0:00	0	0:00	0
162	Year-Round Residence	Non-Participating	326800.15	322193.17	0:00	0	0:00	0
163	Year-Round Residence	Non-Participating	326753.85	322133.68	0:00	0	0:00	0
164	Year-Round Residence	Non-Participating	326759.84	322170.90	0:00	0	0:00	0
165	Year-Round Residence	Non-Participating	326796.75	322159.18	0:00	0	0:00	0
166	Year-Round Residence	Non-Participating	326797.74	322136.79	0:00	0	0:00	0
167	Year-Round Residence	Non-Participating	326775.14	322096.60	0:00	0	0:00	0
168	Year-Round Residence	Non-Participating	326755.65	322092.66	0:00	0	0:00	0
169	Year-Round Residence	Non-Participating	326716.36	322125.75	0:00	0	0:00	0
170	Year-Round Residence	Non-Participating	326730.36	322090.96	0:00	0	0:00	0
171	Year-Round Residence	Non-Participating	326706.98	322089.66	0:00	0	0:00	0
172	Year-Round Residence	Non-Participating	326684.02	322087.28	0:00	0	0:00	0
173	Year-Round Residence	Non-Participating	326670.84	322131.14	0:00	0	0:00	0
174	Year-Round Residence	Non-Participating	326667.40	322092.29	0:00	0	0:00	0
175	Year-Round Residence	Non-Participating	326650.10	322130.53	0:00	0	0:00	0
176	Year-Round Residence	Non-Participating	326649.80	322085.32	0:00	0	0:00	0
177	Year-Round Residence	Non-Participating	326620.03	322126.48	0:00	0	0:00	0
178	Year-Round Residence	Non-Participating	326634.00	322027.99	0:00	0	0:00	0
179	Year-Round Residence	Non-Participating	326554.28	322171.11	0:00	0	0:00	0
180	Year-Round Residence	Non-Participating	326612.56	322157.50	0:00	0	0:00	0
181	Year-Round Residence	Non-Participating	326610.46	322190.73	0:00	0	0:00	0
182	Year-Round Residence	Non-Participating	326553.32	322184.81	0:00	0	0:00	0
183	Year-Round Residence	Non-Participating	326540.47	322207.94	0:00	0	0:00	0
184	Year-Round Residence	Non-Participating	326539.82	322232.56	0:00	0	0:00	0
185	Year-Round Residence	Non-Participating	326611.16	322219.14	0:00	0	0:00	0
186	Year-Round Residence	Non-Participating	326533.84	322249.58	0:00	0	0:00	0
187	Year-Round Residence	Non-Participating	326603.48	322270.14	0:00	0	0:00	0
188	Year-Round Residence	Non-Participating	326532.28	322270.93	0:00	0	0:00	0
189	Year-Round Residence	Non-Participating	326598.50	322294.71	0:00	0	0:00	0
190	Year-Round Residence	Non-Participating	326591.79	322323.24	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
191	Year-Round Residence	Non-Participating	326595.31	322308.98	0:00	0	0:00	0
192	Year-Round Residence	Non-Participating	326589.55	322341.41	0:00	0	0:00	0
193	Year-Round Residence	Non-Participating	326676.31	322332.50	0:00	0	0:00	0
194	Year-Round Residence	Non-Participating	326161.71	322430.19	0:00	0	0:00	0
195	Year-Round Residence	Non-Participating	326044.14	322473.88	0:00	0	0:00	0
196	Year-Round Residence	Non-Participating	326071.94	322443.89	0:00	0	0:00	0
197	Year-Round Residence	Non-Participating	326095.46	322575.69	0:00	0	0:00	0
198	Year-Round Residence	Non-Participating	326082.16	322599.71	0:00	0	0:00	0
199	Year-Round Residence	Non-Participating	326067.54	322628.39	0:00	0	0:00	0
200	Year-Round Residence	Non-Participating	326049.40	322661.58	0:00	0	0:00	0
201	Year-Round Residence	Non-Participating	325919.00	322545.91	0:00	0	0:00	0
202	Year-Round Residence	Non-Participating	325916.89	322592.99	0:00	0	0:00	0
203	Year-Round Residence	Non-Participating	325949.51	322642.88	0:00	0	0:00	0
204	Year-Round Residence	Non-Participating	325966.22	322666.88	0:00	0	0:00	0
205	Year-Round Residence	Non-Participating	325978.97	322700.94	0:00	0	0:00	0
206	Year-Round Residence	Non-Participating	325963.05	322734.26	0:00	0	0:00	0
207	Year-Round Residence	Non-Participating	326012.30	322736.42	0:00	0	0:00	0
208	Year-Round Residence	Non-Participating	326002.32	322766.84	0:00	0	0:00	0
209	Year-Round Residence	Non-Participating	325989.38	322800.52	0:00	0	0:00	0
210	Year-Round Residence	Non-Participating	325940.04	322785.35	0:00	0	0:00	0
211	Year-Round Residence	Non-Participating	325929.00	322813.48	0:00	0	0:00	0
212	Year-Round Residence	Non-Participating	325976.43	322838.28	0:00	0	0:00	0
213	Year-Round Residence	Non-Participating	325920.05	322841.49	0:00	0	0:00	0
214	Year-Round Residence	Non-Participating	325959.23	322897.52	0:00	0	0:00	0
215	Year-Round Residence	Non-Participating	325996.76	322899.21	0:00	0	0:00	0
216	Year-Round Residence	Non-Participating	326031.60	322899.82	0:00	0	0:00	0
217	Year-Round Residence	Non-Participating	326035.96	322851.06	0:00	0	0:00	0
218	Year-Round Residence	Non-Participating	326067.37	322899.13	0:00	0	0:00	0
219	Year-Round Residence	Non-Participating	326094.56	322884.30	0:00	0	0:00	0
220	Year-Round Residence	Non-Participating	326109.80	322858.36	0:00	0	0:00	0
221	Year-Round Residence	Non-Participating	326128.03	322827.51	0:00	0	0:00	0
222	Year-Round Residence	Non-Participating	326071.83	322823.57	0:00	0	0:00	0
223	Year-Round Residence	Non-Participating	326087.69	322800.28	0:00	0	0:00	0
224	Year-Round Residence	Non-Participating	326146.78	322798.12	0:00	0	0:00	0
225	Year-Round Residence	Non-Participating	326160.23	322776.80	0:00	0	0:00	0
226	Year-Round Residence	Non-Participating	326109.75	322757.54	0:00	0	0:00	0
227	Year-Round Residence	Non-Participating	326084.61	322741.57	0:00	0	0:00	0
228	Year-Round Residence	Non-Participating	326056.12	322728.81	0:00	0	0:00	0
229	Year-Round Residence	Non-Participating	326078.93	322686.95	0:00	0	0:00	0
230	Year-Round Residence	Non-Participating	326251.05	322539.98	0:00	0	0:00	0
231	Year-Round Residence	Non-Participating	326253.25	322493.34	0:00	0	0:00	0
232	Year-Round Residence	Non-Participating	326212.36	322492.36	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
233	Year-Round Residence	Non-Participating	326249.71	322480.17	0:00	0	0:00	0
234	Year-Round Residence	Non-Participating	326214.01	322463.60	0:00	0	0:00	0
235	Year-Round Residence	Non-Participating	326213.45	322446.02	0:00	0	0:00	0
236	Year-Round Residence	Non-Participating	326199.53	322419.61	0:00	0	0:00	0
237	Year-Round Residence	Non-Participating	326304.35	322414.17	0:00	0	0:00	0
238	Year-Round Residence	Non-Participating	326327.43	322421.74	0:00	0	0:00	0
239	Year-Round Residence	Non-Participating	326397.02	322404.89	0:00	0	0:00	0
240	Year-Round Residence	Non-Participating	326432.58	322409.06	0:00	0	0:00	0
241	Year-Round Residence	Non-Participating	326460.49	322404.68	0:00	0	0:00	0
242	Year-Round Residence	Non-Participating	326529.08	322442.66	0:00	0	0:00	0
243	Year-Round Residence	Non-Participating	326504.26	322458.88	0:00	0	0:00	0
244	Year-Round Residence	Non-Participating	326453.62	322467.47	0:00	0	0:00	0
245	Year-Round Residence	Non-Participating	326489.87	322481.50	0:00	0	0:00	0
246	Year-Round Residence	Non-Participating	326442.42	322485.27	0:00	0	0:00	0
247	Year-Round Residence	Non-Participating	326479.68	322503.72	0:00	0	0:00	0
248	Year-Round Residence	Non-Participating	326426.41	322501.31	0:00	0	0:00	0
249	Year-Round Residence	Non-Participating	326456.19	322530.61	0:00	0	0:00	0
250	Year-Round Residence	Non-Participating	326466.70	322517.63	0:00	0	0:00	0
251	Year-Round Residence	Non-Participating	326416.00	322520.18	0:00	0	0:00	0
252	Year-Round Residence	Non-Participating	326227.00	322806.51	0:00	0	0:00	0
253	Year-Round Residence	Non-Participating	326210.33	322834.24	0:00	0	0:00	0
254	Year-Round Residence	Non-Participating	326195.41	322861.34	0:00	0	0:00	0
255	Year-Round Residence	Non-Participating	326177.72	322888.26	0:00	0	0:00	0
256	Year-Round Residence	Non-Participating	326191.78	322947.31	0:00	0	0:00	0
257	Year-Round Residence	Non-Participating	326150.47	323023.01	0:00	0	0:00	0
258	Year-Round Residence	Non-Participating	326109.80	323093.80	0:00	0	0:00	0
259	Year-Round Residence	Non-Participating	326072.00	323131.30	0:00	0	0:00	0
260	Year-Round Residence	Non-Participating	326035.11	323102.98	0:00	0	0:00	0
261	Year-Round Residence	Non-Participating	326056.55	323076.44	0:00	0	0:00	0
262	Year-Round Residence	Non-Participating	325970.90	323084.49	0:00	0	0:00	0
263	Year-Round Residence	Non-Participating	325936.56	323044.95	0:00	0	0:00	0
264	Year-Round Residence	Non-Participating	325904.31	323193.03	0:00	0	0:00	0
265	Year-Round Residence	Non-Participating	325943.43	323165.91	0:00	0	0:00	0
266	Year-Round Residence	Non-Participating	325688.94	323400.19	0:00	0	0:00	0
267	Year-Round Residence	Non-Participating	325817.19	323510.11	0:00	0	0:00	0
268	Year-Round Residence	Non-Participating	326764.17	322468.57	0:00	0	0:00	0
269	Year-Round Residence	Non-Participating	326667.97	322524.18	0:00	0	0:00	0
270	Year-Round Residence	Non-Participating	326667.19	322500.74	0:00	0	0:00	0
271	Year-Round Residence	Non-Participating	326667.43	322475.48	0:00	0	0:00	0
272	Year-Round Residence	Non-Participating	326772.46	322375.42	0:00	0	0:00	0
273	Year-Round Residence	Non-Participating	326794.69	322378.47	0:00	0	0:00	0
274	Year-Round Residence	Non-Participating	326835.43	322373.90	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
275	Year-Round Residence	Non-Participating	326857.51	322364.40	0:00	0	0:00	0
276	Year-Round Residence	Non-Participating	327017.05	322368.48	0:00	0	0:00	0
277	Year-Round Residence	Non-Participating	327014.10	322408.47	0:00	0	0:00	0
278	Year-Round Residence	Non-Participating	327070.14	322361.95	0:00	0	0:00	0
279	Year-Round Residence	Non-Participating	327064.61	322406.58	0:00	0	0:00	0
280	Year-Round Residence	Non-Participating	327062.33	322434.71	0:00	0	0:00	0
281	Year-Round Residence	Non-Participating	327012.01	322453.20	0:00	0	0:00	0
282	Year-Round Residence	Non-Participating	327052.19	322456.35	0:00	0	0:00	0
283	Year-Round Residence	Non-Participating	327011.15	322470.72	0:00	0	0:00	0
284	Year-Round Residence	Non-Participating	327049.08	322486.06	0:00	0	0:00	0
285	Year-Round Residence	Non-Participating	327006.93	322488.90	0:00	0	0:00	0
286	Year-Round Residence	Non-Participating	327009.30	322509.29	0:00	0	0:00	0
287	Year-Round Residence	Non-Participating	327049.92	322507.28	0:00	0	0:00	0
288	Year-Round Residence	Non-Participating	327047.19	322527.68	0:00	0	0:00	0
289	Year-Round Residence	Non-Participating	327010.17	322539.49	0:00	0	0:00	0
290	Year-Round Residence	Non-Participating	327048.54	322557.17	0:00	0	0:00	0
291	Year-Round Residence	Non-Participating	327008.82	322564.09	0:00	0	0:00	0
292	Year-Round Residence	Non-Participating	327007.63	322604.11	0:00	0	0:00	0
293	Year-Round Residence	Non-Participating	327045.16	322605.78	0:00	0	0:00	0
294	Year-Round Residence	Non-Participating	327036.80	322645.48	0:00	0	0:00	0
295	Year-Round Residence	Non-Participating	326993.27	322655.28	0:00	0	0:00	0
296	Year-Round Residence	Non-Participating	326996.76	322700.81	0:00	0	0:00	0
297	Year-Round Residence	Non-Participating	327036.11	322748.56	0:00	0	0:00	0
298	Year-Round Residence	Non-Participating	327035.61	322730.62	0:00	0	0:00	0
299	Year-Round Residence	Non-Participating	327000.50	322800.86	0:00	0	0:00	0
300	Year-Round Residence	Non-Participating	326998.44	322835.24	0:00	0	0:00	0
301	Year-Round Residence	Non-Participating	327005.40	322897.63	0:00	0	0:00	0
302	Year-Round Residence	Non-Participating	327001.16	322943.95	0:00	0	0:00	0
303	Year-Round Residence	Non-Participating	326998.03	322995.17	0:00	0	0:00	0
304	Year-Round Residence	Non-Participating	327057.28	322984.81	0:00	0	0:00	0
305	Year-Round Residence	Non-Participating	327063.23	323118.10	0:00	0	0:00	0
306	Year-Round Residence	Non-Participating	327084.97	322277.60	0:00	0	0:00	0
307	Year-Round Residence	Non-Participating	327101.06	322276.03	0:00	0	0:00	0
308	Year-Round Residence	Non-Participating	327092.26	322255.75	0:00	0	0:00	0
309	Year-Round Residence	Non-Participating	327118.07	322271.47	0:00	0	0:00	0
310	Year-Round Residence	Non-Participating	327107.75	322199.90	0:00	0	0:00	0
311	Year-Round Residence	Non-Participating	327113.54	322169.88	0:00	0	0:00	0
312	Year-Round Residence	Non-Participating	327123.78	322147.08	0:00	0	0:00	0
313	Year-Round Residence	Non-Participating	327125.02	322122.95	0:00	0	0:00	0
314	Year-Round Residence	Non-Participating	327158.31	322084.68	0:00	0	0:00	0
315	Year-Round Residence	Non-Participating	327160.79	322017.54	0:00	0	0:00	0
316	Year-Round Residence	Non-Participating	327165.20	321991.53	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
317	Year-Round Residence	Non-Participating	327185.01	321918.60	0:00	0	0:00	0
318	Year-Round Residence	Non-Participating	327132.91	322274.37	0:00	0	0:00	0
319	Year-Round Residence	Non-Participating	327162.34	322271.36	0:00	0	0:00	0
320	Year-Round Residence	Non-Participating	327114.11	322352.00	0:00	0	0:00	0
321	Year-Round Residence	Non-Participating	327132.91	322345.07	0:00	0	0:00	0
322	Year-Round Residence	Non-Participating	327148.05	322342.39	0:00	0	0:00	0
323	Year-Round Residence	Non-Participating	327168.67	322343.92	0:00	0	0:00	0
324	Year-Round Residence	Non-Participating	327202.22	322336.59	0:00	0	0:00	0
325	Year-Round Residence	Non-Participating	327319.35	322328.27	0:00	0	0:00	0
326	Year-Round Residence	Non-Participating	327273.31	322243.51	0:00	0	0:00	0
327	Year-Round Residence	Non-Participating	327224.69	322185.11	0:00	0	0:00	0
328	Year-Round Residence	Non-Participating	327289.47	322184.90	0:00	0	0:00	0
329	Year-Round Residence	Non-Participating	327295.13	322148.05	0:00	0	0:00	0
330	Year-Round Residence	Non-Participating	327247.53	322107.59	0:00	0	0:00	0
331	Year-Round Residence	Non-Participating	327297.36	322088.44	0:00	0	0:00	0
332	Year-Round Residence	Non-Participating	327247.87	322075.51	0:00	0	0:00	0
333	Year-Round Residence	Non-Participating	327295.30	322051.27	0:00	0	0:00	0
334	Year-Round Residence	Non-Participating	327246.89	322042.21	0:00	0	0:00	0
335	Year-Round Residence	Non-Participating	327239.89	321980.71	0:00	0	0:00	0
336	Year-Round Residence	Non-Participating	327294.91	322020.27	0:00	0	0:00	0
337	Year-Round Residence	Non-Participating	327295.96	321998.04	0:00	0	0:00	0
338	Year-Round Residence	Non-Participating	327317.86	322402.15	0:00	0	0:00	0
339	Year-Round Residence	Non-Participating	327355.37	322379.77	0:00	0	0:00	0
340	Year-Round Residence	Non-Participating	327387.67	322332.34	0:00	0	0:00	0
341	Year-Round Residence	Non-Participating	327436.74	322398.18	0:00	0	0:00	0
342	Year-Round Residence	Non-Participating	327487.04	322406.38	0:00	0	0:00	0
343	Year-Round Residence	Non-Participating	327439.61	322343.42	0:00	0	0:00	0
344	Year-Round Residence	Non-Participating	327578.97	322416.61	0:00	0	0:00	0
345	Year-Round Residence	Non-Participating	327671.56	322409.46	0:00	0	0:00	0
346	Year-Round Residence	Non-Participating	327708.66	322385.94	0:00	0	0:00	0
347	Year-Round Residence	Non-Participating	327737.69	322342.00	0:00	0	0:00	0
348	Year-Round Residence	Non-Participating	327518.29	322232.30	0:00	0	0:00	0
349	Year-Round Residence	Non-Participating	327593.63	322175.43	0:00	0	0:00	0
350	Year-Round Residence	Non-Participating	327774.36	322239.03	0:00	0	0:00	0
351	Year-Round Residence	Non-Participating	327864.16	322252.21	0:00	0	0:00	0
352	Year-Round Residence	Non-Participating	327826.81	322403.84	0:00	0	0:00	0
353	Year-Round Residence	Non-Participating	327746.85	322493.71	0:00	0	0:00	0
354	Year-Round Residence	Non-Participating	327758.44	322544.07	0:00	0	0:00	0
355	Year-Round Residence	Non-Participating	327784.93	322350.08	0:00	0	0:00	0
356	Year-Round Residence	Non-Participating	327875.00	322466.16	0:00	0	0:00	0
357	Year-Round Residence	Non-Participating	327741.07	322620.50	0:00	0	0:00	0
358	Year-Round Residence	Non-Participating	328115.21	322400.23	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
359	Year-Round Residence	Non-Participating	328080.29	322374.43	0:00	0	0:00	0
360	Year-Round Residence	Non-Participating	328167.59	322441.83	0:00	0	0:00	0
361	Year-Round Residence	Non-Participating	328245.38	322456.12	0:00	0	0:00	0
362	Year-Round Residence	Non-Participating	328243.96	322366.18	0:00	0	0:00	0
363	Year-Round Residence	Non-Participating	328505.63	322591.87	0:00	0	0:00	0
364	Year-Round Residence	Non-Participating	328604.56	322462.73	0:00	0	0:00	0
365	Year-Round Residence	Non-Participating	328657.15	322615.95	0:00	0	0:00	0
366	Year-Round Residence	Non-Participating	328591.63	322598.68	0:00	0	0:00	0
367	Year-Round Residence	Non-Participating	328730.35	322476.93	0:00	0	0:00	0
368	Year-Round Residence	Non-Participating	328765.82	322449.94	0:00	0	0:00	0
369	Year-Round Residence	Non-Participating	328804.74	322411.32	0:00	0	0:00	0
370	Year-Round Residence	Non-Participating	329071.43	322221.22	0:00	0	0:00	0
371	Year-Round Residence	Non-Participating	329113.31	322215.70	0:00	0	0:00	0
372	Year-Round Residence	Non-Participating	329262.00	322182.15	0:00	0	0:00	0
373	Year-Round Residence	Non-Participating	329215.75	322259.64	0:00	0	0:00	0
374	Year-Round Residence	Non-Participating	329242.99	322252.10	0:00	0	0:00	0
375	Year-Round Residence	Non-Participating	329546.99	322190.42	0:00	0	0:00	0
376	Year-Round Residence	Non-Participating	329633.74	322049.85	0:00	0	0:00	0
377	Year-Round Residence	Non-Participating	329680.48	322018.00	0:00	0	0:00	0
378	Year-Round Residence	Non-Participating	329887.83	321957.02	0:00	0	0:00	0
379	Year-Round Residence	Non-Participating	329943.11	321669.34	0:00	0	0:00	0
380	Year-Round Residence	Non-Participating	329902.24	321543.82	0:00	0	0:00	0
381	Year-Round Residence	Non-Participating	329960.18	321479.68	0:00	0	0:00	0
382	Year-Round Residence	Non-Participating	330037.86	321542.29	0:00	0	0:00	0
383	Year-Round Residence	Non-Participating	328668.88	320701.85	0:00	0	0:00	0
384	Year-Round Residence	Non-Participating	325747.82	322512.27	0:00	0	0:00	0
385	Year-Round Residence	Non-Participating	325691.36	322432.79	0:00	0	0:00	0
386	Year-Round Residence	Non-Participating	325362.64	322473.94	0:00	0	0:00	0
387	Year-Round Residence	Non-Participating	325260.28	322501.80	0:00	0	0:00	0
388	Year-Round Residence	Non-Participating	325202.18	322562.82	0:00	0	0:00	0
389	Year-Round Residence	Non-Participating	325221.35	322646.99	0:00	0	0:00	0
390	Year-Round Residence	Non-Participating	325131.89	322598.09	0:00	0	0:00	0
391	Year-Round Residence	Non-Participating	325085.68	322631.06	0:00	0	0:00	0
392	Year-Round Residence	Non-Participating	325035.21	322647.49	0:00	0	0:00	0
393	Year-Round Residence	Non-Participating	324888.97	322796.77	0:00	0	0:00	0
395	Year-Round Residence	Non-Participating	324475.83	322913.65	0:00	0	0:00	0
396	Year-Round Residence	Non-Participating	324407.34	322935.86	0:00	0	0:00	0
397	Year-Round Residence	Non-Participating	324446.86	322724.30	0:00	0	0:00	0
398	Year-Round Residence	Non-Participating	324572.41	322733.08	0:00	0	0:00	0
399	Year-Round Residence	Non-Participating	324536.65	322669.04	0:00	0	0:00	0
400	Year-Round Residence	Non-Participating	324387.22	322517.43	0:00	0	0:00	0
401	Year-Round Residence	Non-Participating	324427.60	322410.56	0:00	0	0:00	0



Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
402	Year-Round Residence	Non-Participating	324386.26	322459.87	0:00	0	0:00	0
403	Year-Round Residence	Non-Participating	324348.99	322205.28	0:00	0	0:00	0
404	Year-Round Residence	Non-Participating	324459.52	322181.24	0:00	0	0:00	0
405	Year-Round Residence	Non-Participating	324372.32	321726.74	0:00	0	0:00	0
406	Year-Round Residence	Non-Participating	324464.71	321669.41	0:00	0	0:00	0
407	Year-Round Residence	Non-Participating	324450.11	321630.16	0:00	0	0:00	0
408	Year-Round Residence	Non-Participating	324352.67	321602.86	0:00	0	0:00	0
409	Year-Round Residence	Non-Participating	324306.07	321611.73	0:00	0	0:00	0
410	Year-Round Residence	Non-Participating	324361.75	321305.73	0:00	0	0:00	0
411	Year-Round Residence	Non-Participating	324279.94	321352.65	0:00	0	0:00	0
413	Year-Round Residence	Non-Participating	323942.85	321399.04	0:00	0	0:00	0
414	Year-Round Residence	Non-Participating	324501.52	321125.51	0:00	0	0:00	0
415	Year-Round Residence	Non-Participating	324752.92	320946.95	0:00	0	0:00	0
416	Year-Round Residence	Non-Participating	324684.12	320689.00	0:00	0	0:00	0
417	Year-Round Residence	Non-Participating	324760.65	320664.49	0:00	0	0:00	0
418	Year-Round Residence	Non-Participating	324945.95	321020.41	0:00	0	0:00	0
419	Year-Round Residence	Non-Participating	325245.51	321354.16	0:00	0	0:00	0
420	Year-Round Residence	Non-Participating	325140.17	321415.46	0:00	0	0:00	0
421	Year-Round Residence	Non-Participating	325273.19	321558.66	0:00	0	0:00	0
422	Year-Round Residence	Non-Participating	325171.43	321725.60	0:00	0	0:00	0
423	Year-Round Residence	Non-Participating	325059.93	321691.52	0:00	0	0:00	0
424	Year-Round Residence	Non-Participating	324976.24	321671.63	0:00	0	0:00	0
425	Year-Round Residence	Non-Participating	324901.86	321672.93	0:00	0	0:00	0
426	Year-Round Residence	Non-Participating	324870.24	321730.51	0:00	0	0:00	0
427	Year-Round Residence	Non-Participating	324705.38	321796.47	0:00	0	0:00	0
428	Year-Round Residence	Non-Participating	325411.66	321661.95	0:00	0	0:00	0
429	Year-Round Residence	Non-Participating	325467.09	321646.17	0:00	0	0:00	0
430	Year-Round Residence	Non-Participating	325612.56	321530.12	0:00	0	0:00	0
431	Year-Round Residence	Non-Participating	325714.35	321444.97	0:00	0	0:00	0
432	Year-Round Residence	Non-Participating	324202.08	322439.62	0:00	0	0:00	0
433	Year-Round Residence	Non-Participating	324165.19	322499.02	0:00	0	0:00	0
434	Year-Round Residence	Non-Participating	324085.25	322502.38	0:00	0	0:00	0
435	Year-Round Residence	Non-Participating	324004.12	322420.23	0:00	0	0:00	0
436	Year-Round Residence	Non-Participating	324053.58	322673.73	0:00	0	0:00	0
437	Year-Round Residence	Non-Participating	323896.71	322619.92	0:00	0	0:00	0
438	Year-Round Residence	Non-Participating	323774.65	322524.35	0:00	0	0:00	0
439	Year-Round Residence	Non-Participating	323707.95	322516.51	0:00	0	0:00	0
440	Year-Round Residence	Non-Participating	323304.56	322386.97	0:00	0	0:00	0
441	Year-Round Residence	Non-Participating	323114.67	322510.49	0:00	0	0:00	0
442	Year-Round Residence	Non-Participating	323207.32	322624.29	0:00	0	0:00	0
443	Year-Round Residence	Non-Participating	324004.61	323147.13	0:00	0	0:00	0
444	Year-Round Residence	Non-Participating	324049.94	323026.37	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
445	Year-Round Residence	Non-Participating	323933.25	323033.44	0:00	0	0:00	0
446	Year-Round Residence	Non-Participating	323780.69	323004.00	0:00	0	0:00	0
447	Year-Round Residence	Non-Participating	323873.40	323154.64	0:00	0	0:00	0
448	Year-Round Residence	Non-Participating	323550.58	323099.41	0:00	0	0:00	0
449	Year-Round Residence	Non-Participating	323317.56	323288.56	0:00	0	0:00	0
452	Year-Round Residence	Non-Participating	322888.01	323483.97	0:00	0	0:00	0
456	Year-Round Residence	Non-Participating	329977.58	321900.83	0:00	0	0:00	0
457	Year-Round Residence	Non-Participating	329948.82	321900.18	0:00	0	0:00	0
458	Year-Round Residence	Non-Participating	329905.24	322409.79	0:00	0	0:00	0
459	Year-Round Residence	Non-Participating	329939.53	322642.37	0:00	0	0:00	0
460	Year-Round Residence	Non-Participating	329857.45	322954.04	0:00	0	0:00	0
461	Year-Round Residence	Non-Participating	329984.68	323336.66	0:00	0	0:00	0
463	Year-Round Residence	Non-Participating	329945.77	323417.71	0:00	0	0:00	0
464	Year-Round Residence	Non-Participating	330011.66	323421.52	0:00	0	0:00	0
465	Year-Round Residence	Non-Participating	330330.72	323227.03	0:00	0	0:00	0
466	Year-Round Residence	Non-Participating	330332.33	322871.69	0:00	0	0:00	0
467	Year-Round Residence	Non-Participating	330441.67	322861.44	0:00	0	0:00	0
468	Year-Round Residence	Non-Participating	330083.48	323608.56	0:00	0	0:00	0
469	Year-Round Residence	Non-Participating	330003.59	323684.98	0:00	0	0:00	0
470	Year-Round Residence	Non-Participating	330027.36	323878.58	0:00	0	0:00	0
471	Year-Round Residence	Non-Participating	330020.19	323990.33	0:00	0	0:00	0
472	Year-Round Residence	Non-Participating	330136.74	324043.02	0:00	0	0:00	0
473	Year-Round Residence	Non-Participating	329949.10	324269.09	0:00	0	0:00	0
474	Year-Round Residence	Non-Participating	330124.85	324574.71	0:00	0	0:00	0
475	Year-Round Residence	Non-Participating	330085.38	324828.88	0:00	0	0:00	0
476	Year-Round Residence	Non-Participating	330115.34	324892.78	0:00	0	0:00	0
477	Year-Round Residence	Non-Participating	330103.04	324933.39	0:00	0	0:00	0
478	Year-Round Residence	Non-Participating	330086.62	325001.42	0:00	0	0:00	0
479	Year-Round Residence	Non-Participating	330079.64	325047.71	0:00	0	0:00	0
480	Year-Round Residence	Non-Participating	329997.46	325045.73	0:00	0	0:00	0
482	Year-Round Residence	Non-Participating	330113.43	325099.39	0:00	0	0:00	0
483	Year-Round Residence	Non-Participating	330134.52	325086.91	0:00	0	0:00	0
485	Year-Round Residence	Non-Participating	330018.53	325123.85	0:00	0	0:00	0
486	Year-Round Residence	Non-Participating	330018.26	325137.96	0:00	0	0:00	0
487	Year-Round Residence	Non-Participating	330059.68	325166.72	0:00	0	0:00	0
488	Year-Round Residence	Non-Participating	330013.69	325173.69	0:00	0	0:00	0
489	Year-Round Residence	Non-Participating	330008.05	325238.32	0:00	0	0:00	0
490	Year-Round Residence	Non-Participating	330049.72	325214.38	0:00	0	0:00	0
492	Year-Round Residence	Non-Participating	330026.74	325413.79	0:00	0	0:00	0
493	Year-Round Residence	Non-Participating	330099.09	325334.14	0:00	0	0:00	0
494	Year-Round Residence	Non-Participating	330129.64	325363.92	0:00	0	0:00	0
495	Year-Round Residence	Non-Participating	330088.31	325520.28	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
496	Year-Round Residence	Non-Participating	330133.94	325713.33	0:00	0	0:00	0
497	Year-Round Residence	Non-Participating	330131.85	325852.80	0:00	0	0:00	0
498	Year-Round Residence	Non-Participating	330634.49	326436.65	0:00	0	0:00	0
499	Year-Round Residence	Non-Participating	330209.52	325108.52	0:00	0	0:00	0
500	Year-Round Residence	Non-Participating	330550.59	325053.24	0:00	0	0:00	0
501	Year-Round Residence	Non-Participating	331113.94	325036.38	0:00	0	0:00	0
502	Year-Round Residence	Non-Participating	331081.03	325125.58	0:00	0	0:00	0
503	Year-Round Residence	Non-Participating	331043.77	324903.13	0:00	0	0:00	0
504	Year-Round Residence	Non-Participating	330005.17	323534.69	0:00	0	0:00	0
505	Year-Round Residence	Non-Participating	329868.36	323565.09	0:00	0	0:00	0
506	Year-Round Residence	Non-Participating	329347.94	323933.87	0:00	0	0:00	0
507	Year-Round Residence	Non-Participating	329261.79	324196.51	0:00	0	0:00	0
512	Year-Round Residence	Non-Participating	328047.11	323631.85	0:00	0	0:00	0
513	Year-Round Residence	Non-Participating	328120.53	323632.51	0:00	0	0:00	0
514	Year-Round Residence	Non-Participating	328089.58	323546.51	0:00	0	0:00	0
515	Year-Round Residence	Non-Participating	328484.82	323537.93	0:00	0	0:00	0
517	Year-Round Residence	Non-Participating	328845.65	323707.96	0:00	0	0:00	0
518	Year-Round Residence	Non-Participating	329095.79	323724.23	0:00	0	0:00	0
519	Year-Round Residence	Non-Participating	329151.41	324162.39	0:00	0	0:00	0
520	Year-Round Residence	Non-Participating	329226.49	324277.09	0:00	0	0:00	0
521	Year-Round Residence	Non-Participating	329479.82	324404.19	0:00	0	0:00	0
522	Year-Round Residence	Non-Participating	329505.25	324598.68	0:00	0	0:00	0
523	Year-Round Residence	Non-Participating	329552.43	324699.69	0:00	0	0:00	0
524	Year-Round Residence	Non-Participating	329811.75	325017.99	0:00	0	0:00	0
526	Year-Round Residence	Non-Participating	328948.12	324656.34	0:00	0	0:00	0
533	Year-Round Residence	Non-Participating	329056.75	325208.36	0:00	0	0:00	0
534	Year-Round Residence	Non-Participating	329104.31	325224.48	0:00	0	0:00	0
535	Year-Round Residence	Non-Participating	329171.23	325228.41	0:00	0	0:00	0
536	Year-Round Residence	Non-Participating	329416.20	325057.07	0:00	0	0:00	0
538	Year-Round Residence	Non-Participating	326996.77	323448.82	0:00	0	0:00	0
558	Year-Round Residence	Non-Participating	327981.66	325844.33	0:00	0	0:00	0
559	Year-Round Residence	Non-Participating	328020.08	326073.13	0:00	0	0:00	0
560	Year-Round Residence	Non-Participating	327572.80	326269.47	0:00	0	0:00	0
561	Year-Round Residence	Non-Participating	327421.78	326374.56	0:00	0	0:00	0
562	Year-Round Residence	Non-Participating	327466.54	326447.32	0:00	0	0:00	0
563	Year-Round Residence	Non-Participating	327098.61	326609.78	0:00	0	0:00	0
564	Year-Round Residence	Non-Participating	327018.60	326644.87	0:00	0	0:00	0
565	Year-Round Residence	Non-Participating	327038.44	326770.60	0:00	0	0:00	0
566	Year-Round Residence	Non-Participating	326830.62	326745.87	0:00	0	0:00	0
567	Year-Round Residence	Non-Participating	326755.68	326841.46	0:00	0	0:00	0
568	Year-Round Residence	Non-Participating	326594.75	326866.98	0:00	0	0:00	0
569	Year-Round Residence	Non-Participating	326506.05	326868.43	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
570	Year-Round Residence	Non-Participating	326639.50	326964.12	0:00	0	0:00	0
571	Year-Round Residence	Non-Participating	326564.98	327009.89	0:00	0	0:00	0
572	Year-Round Residence	Non-Participating	326701.57	327022.18	0:00	0	0:00	0
573	Year-Round Residence	Non-Participating	326607.05	327077.44	0:00	0	0:00	0
574	Year-Round Residence	Non-Participating	326739.57	327093.25	0:00	0	0:00	0
575	Year-Round Residence	Non-Participating	326855.73	327172.07	0:00	0	0:00	0
576	Year-Round Residence	Non-Participating	326659.48	327221.49	0:00	0	0:00	0
577	Year-Round Residence	Non-Participating	326775.48	327244.34	0:00	0	0:00	0
578	Year-Round Residence	Non-Participating	326695.98	327292.67	0:00	0	0:00	0
579	Year-Round Residence	Non-Participating	326792.03	327297.26	0:00	0	0:00	0
580	Year-Round Residence	Non-Participating	326896.33	327387.16	0:00	0	0:00	0
581	Year-Round Residence	Non-Participating	326908.21	327453.02	0:00	0	0:00	0
582	Year-Round Residence	Non-Participating	328464.84	322714.81	0:00	0	0:00	0
583	Year-Round Residence	Non-Participating	328548.86	322814.99	0:00	0	0:00	0
584	Year-Round Residence	Non-Participating	328501.26	322867.24	0:00	0	0:00	0
585	Year-Round Residence	Non-Participating	328475.00	323052.29	0:00	0	0:00	0
586	Year-Round Residence	Non-Participating	330070.41	326271.36	0:00	0	0:00	0
587	Year-Round Residence	Non-Participating	329980.77	326335.86	0:00	0	0:00	0
588	Year-Round Residence	Non-Participating	329865.75	326348.73	0:00	0	0:00	0
590	Year-Round Residence	Non-Participating	329909.52	326586.66	0:00	0	0:00	0
591	Year-Round Residence	Non-Participating	329674.57	326862.50	0:00	0	0:00	0
592	Year-Round Residence	Non-Participating	329741.46	327247.66	0:00	0	0:00	0
593	Year-Round Residence	Non-Participating	329667.33	327452.83	0:00	0	0:00	0
594	Year-Round Residence	Non-Participating	329786.61	327570.30	0:00	0	0:00	0
595	Year-Round Residence	Non-Participating	329659.26	327523.82	0:00	0	0:00	0
596	Year-Round Residence	Non-Participating	329665.46	327778.01	0:00	0	0:00	0
597	Year-Round Residence	Non-Participating	329876.60	327713.09	0:00	0	0:00	0
598	Year-Round Residence	Non-Participating	329690.66	326380.12	0:00	0	0:00	0
599	Year-Round Residence	Non-Participating	329493.20	326408.86	0:00	0	0:00	0
600	Year-Round Residence	Non-Participating	329088.24	326818.38	0:00	0	0:00	0
601	Year-Round Residence	Non-Participating	328838.10	327314.44	0:00	0	0:00	0
603	Year-Round Residence	Non-Participating	328540.83	327937.99	0:00	0	0:00	0
604	Year-Round Residence	Non-Participating	328548.14	328125.00	0:00	0	0:00	0
605	Year-Round Residence	Non-Participating	328511.74	328266.48	0:00	0	0:00	0
606	Year-Round Residence	Non-Participating	328475.05	328349.28	0:00	0	0:00	0
607	Year-Round Residence	Non-Participating	328476.55	328401.65	0:00	0	0:00	0
608	Year-Round Residence	Non-Participating	328381.01	328457.39	0:00	0	0:00	0
609	Year-Round Residence	Non-Participating	327895.13	327465.04	0:00	0	0:00	0
610	Year-Round Residence	Non-Participating	327415.20	327653.33	0:00	0	0:00	0
611	Year-Round Residence	Non-Participating	327588.98	327484.75	0:00	0	0:00	0
612	Year-Round Residence	Non-Participating	327835.02	327094.72	0:00	0	0:00	0
613	Year-Round Residence	Non-Participating	327781.47	327118.13	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
614	Year-Round Residence	Non-Participating	327762.70	327142.24	0:00	0	0:00	0
615	Year-Round Residence	Non-Participating	327678.01	326917.60	0:00	0	0:00	0
616	Year-Round Residence	Non-Participating	327470.70	326839.66	0:00	0	0:00	0
621	Year-Round Residence	Non-Participating	326701.99	326079.42	0:00	0	0:00	0
622	Year-Round Residence	Non-Participating	326602.66	326054.42	0:00	0	0:00	0
623	Year-Round Residence	Non-Participating	326586.41	326168.23	0:00	0	0:00	0
624	Year-Round Residence	Non-Participating	326584.79	326238.63	0:00	0	0:00	0
625	Year-Round Residence	Non-Participating	326411.39	326280.73	0:00	0	0:00	0
626	Year-Round Residence	Non-Participating	326477.82	326395.59	0:00	0	0:00	0
627	Year-Round Residence	Non-Participating	326441.62	326451.40	0:00	0	0:00	0
628	Year-Round Residence	Non-Participating	326401.74	326599.84	0:00	0	0:00	0
629	Year-Round Residence	Non-Participating	326481.82	326785.91	0:00	0	0:00	0
630	Year-Round Residence	Non-Participating	326414.92	326914.05	0:00	0	0:00	0
631	Year-Round Residence	Non-Participating	326326.64	326919.04	0:00	0	0:00	0
632	Year-Round Residence	Non-Participating	326246.96	326933.13	0:00	0	0:00	0
633	Year-Round Residence	Non-Participating	326142.75	326931.26	0:00	0	0:00	0
634	Year-Round Residence	Non-Participating	325950.33	326982.90	0:00	0	0:00	0
635	Year-Round Residence	Non-Participating	325740.63	327009.10	0:00	0	0:00	0
636	Year-Round Residence	Non-Participating	325672.13	327507.94	0:00	0	0:00	0
637	Year-Round Residence	Non-Participating	325700.00	327630.91	0:00	0	0:00	0
638	Year-Round Residence	Non-Participating	325672.34	328040.57	0:00	0	0:00	0
639	Year-Round Residence	Non-Participating	325746.08	328063.11	0:00	0	0:00	0
640	Year-Round Residence	Non-Participating	325691.72	328124.28	0:00	0	0:00	0
641	Year-Round Residence	Non-Participating	325711.11	328221.86	0:00	0	0:00	0
642	Year-Round Residence	Non-Participating	325744.19	328336.83	0:00	0	0:00	0
643	Year-Round Residence	Non-Participating	325674.29	328375.31	0:00	0	0:00	0
644	Year-Round Residence	Non-Participating	326012.20	328401.63	0:00	0	0:00	0
645	Year-Round Residence	Non-Participating	326152.27	328506.18	0:00	0	0:00	0
646	Year-Round Residence	Non-Participating	326113.01	328409.67	0:00	0	0:00	0
647	Year-Round Residence	Non-Participating	326212.02	328424.82	0:00	0	0:00	0
648	Year-Round Residence	Non-Participating	326318.65	328501.06	0:00	0	0:00	0
649	Year-Round Residence	Non-Participating	326410.82	328582.70	0:00	0	0:00	0
650	Year-Round Residence	Non-Participating	326493.76	328550.96	0:00	0	0:00	0
651	Year-Round Residence	Non-Participating	326851.80	328497.00	0:00	0	0:00	0
652	Year-Round Residence	Non-Participating	326613.69	328392.95	0:00	0	0:00	0
662	Year-Round Residence	Non-Participating	325969.48	325710.06	0:00	0	0:00	0
663	Year-Round Residence	Non-Participating	325700.57	326014.11	0:00	0	0:00	0
664	Year-Round Residence	Non-Participating	325743.82	326057.97	0:00	0	0:00	0
665	Year-Round Residence	Non-Participating	325751.65	326129.23	0:00	0	0:00	0
666	Year-Round Residence	Non-Participating	325754.69	326203.32	0:00	0	0:00	0
667	Year-Round Residence	Non-Participating	325736.82	326261.21	0:00	0	0:00	0
668	Year-Round Residence	Non-Participating	325744.91	326331.06	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
669	Year-Round Residence	Non-Participating	325747.75	326429.03	0:00	0	0:00	0
670	Year-Round Residence	Non-Participating	325750.08	326486.12	0:00	0	0:00	0
671	Year-Round Residence	Non-Participating	325854.60	326663.33	0:00	0	0:00	0
672	Year-Round Residence	Non-Participating	325425.65	326994.85	0:00	0	0:00	0
673	Year-Round Residence	Non-Participating	325104.03	327882.84	0:00	0	0:00	0
674	Year-Round Residence	Non-Participating	325016.17	327892.05	0:00	0	0:00	0
675	Year-Round Residence	Non-Participating	324942.80	328055.65	0:00	0	0:00	0
676	Year-Round Residence	Non-Participating	324115.74	328036.99	0:00	0	0:00	0
677	Year-Round Residence	Non-Participating	324313.27	327911.51	0:00	0	0:00	0
681	Year-Round Residence	Non-Participating	325155.76	326738.40	0:00	0	0:00	0
687	Year-Round Residence	Non-Participating	323607.51	327541.12	0:00	0	0:00	0
688	Year-Round Residence	Non-Participating	323634.85	327473.47	0:00	0	0:00	0
689	Year-Round Residence	Non-Participating	323667.47	327422.53	0:00	0	0:00	0
694	Year-Round Residence	Non-Participating	324022.63	326186.20	0:00	0	0:00	0
696	Year-Round Residence	Non-Participating	324194.77	325741.25	0:00	0	0:00	0
713	Year-Round Residence	Non-Participating	323281.10	323143.80	0:00	0	0:00	0
714	Seasonal Residence	Non-Participating	325745.16	321821.92	0:00	0	0:00	0
716	Seasonal Residence	Non-Participating	325343.12	327976.48	0:00	0	0:00	0
717	Seasonal Residence	Non-Participating	325366.04	327983.59	0:00	0	0:00	0
718	Seasonal Residence	Non-Participating	325345.23	327936.13	0:00	0	0:00	0
719	Seasonal Residence	Non-Participating	325377.89	327944.19	0:00	0	0:00	0
720	Seasonal Residence	Non-Participating	325400.21	327958.17	0:00	0	0:00	0
721	Seasonal Residence	Non-Participating	325356.06	327914.30	0:00	0	0:00	0
722	Seasonal Residence	Non-Participating	325371.98	327892.02	0:00	0	0:00	0
723	Seasonal Residence	Non-Participating	325400.05	327932.38	0:00	0	0:00	0
724	Seasonal Residence	Non-Participating	325402.60	327910.25	0:00	0	0:00	0
725	Seasonal Residence	Non-Participating	325418.02	327904.20	0:00	0	0:00	0
726	Seasonal Residence	Non-Participating	325409.08	327888.46	0:00	0	0:00	0
727	Seasonal Residence	Non-Participating	325419.54	327876.89	0:00	0	0:00	0
728	Seasonal Residence	Non-Participating	325413.45	328009.73	0:00	0	0:00	0
729	Seasonal Residence	Non-Participating	325393.45	327973.71	0:00	0	0:00	0
730	Seasonal Residence	Non-Participating	325454.06	328015.84	0:00	0	0:00	0
731	Seasonal Residence	Non-Participating	325480.37	328044.51	0:00	0	0:00	0
732	Seasonal Residence	Non-Participating	325490.48	328033.29	0:00	0	0:00	0
733	Seasonal Residence	Non-Participating	325471.95	328003.69	0:00	0	0:00	0
734	Seasonal Residence	Non-Participating	325483.03	327995.61	0:00	0	0:00	0
735	Seasonal Residence	Non-Participating	325547.38	328013.83	0:00	0	0:00	0
736	Seasonal Residence	Non-Participating	325563.23	328024.46	0:00	0	0:00	0
737	Seasonal Residence	Non-Participating	325516.86	328018.94	0:00	0	0:00	0
738	Seasonal Residence	Non-Participating	325514.02	328002.52	0:00	0	0:00	0
739	Seasonal Residence	Non-Participating	325531.43	327979.98	0:00	0	0:00	0
740	Seasonal Residence	Non-Participating	325629.78	328003.20	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
741	Seasonal Residence	Non-Participating	325543.56	327921.70	0:00	0	0:00	0
742	Seasonal Residence	Non-Participating	325596.85	327929.07	0:00	0	0:00	0
743	Seasonal Residence	Non-Participating	325583.77	327965.54	0:00	0	0:00	0
744	Seasonal Residence	Non-Participating	325602.10	327960.98	0:00	0	0:00	0
745	Seasonal Residence	Non-Participating	325561.30	327937.44	0:00	0	0:00	0
746	Seasonal Residence	Non-Participating	325446.29	328026.82	0:00	0	0:00	0
747	Seasonal Residence	Non-Participating	325658.48	328135.24	0:00	0	0:00	0
748	Seasonal Residence	Non-Participating	325661.48	326324.43	0:00	0	0:00	0
878	Year-Round Residence	Non-Participating	325945.81	326888.42	0:00	0	0:00	0
940	Year-Round Residence	Non-Participating	327613.59	320420.17	0:00	0	0:00	0
998	Year-Round Residence	Non-Participating	324166.93	321721.96	0:00	0	0:00	0
1003	Year-Round Residence	Non-Participating	324046.35	321189.46	0:00	0	0:00	0
1025	Year-Round Residence	Non-Participating	330339.16	322901.61	0:00	0	0:00	0
1122	Year-Round Residence	Non-Participating	325000.23	327144.27	0:00	0	0:00	0
1129	Year-Round Residence	Non-Participating	324047.36	325972.98	0:00	0	0:00	0
1144	Year-Round Residence	Non-Participating	325887.36	323375.87	0:00	0	0:00	0
1145	Year-Round Residence	Non-Participating	325890.11	323346.79	0:00	0	0:00	0
1147	Year-Round Residence	Non-Participating	329880.15	322685.06	0:00	0	0:00	0
1148	Year-Round Residence	Non-Participating	329952.55	325105.23	0:00	0	0:00	0
1152	Year-Round Residence	Non-Participating	328507.39	328156.85	0:00	0	0:00	0
1166	Year-Round Residence	Non-Participating	325724.92	327986.21	0:00	0	0:00	0
1167	Year-Round Residence	Non-Participating	326355.85	328616.48	0:00	0	0:00	0
1168	Year-Round Residence	Non-Participating	326482.93	326886.36	0:00	0	0:00	0
1169	Year-Round Residence	Non-Participating	326681.45	327386.34	0:00	0	0:00	0
1176	Year-Round Residence	Non-Participating	330335.09	324905.12	0:00	0	0:00	0
1177	Year-Round Residence	Non-Participating	330153.01	325466.87	0:00	0	0:00	0
1178	Year-Round Residence	Non-Participating	324583.88	320893.66	0:00	0	0:00	0
1179	Year-Round Residence	Non-Participating	327064.62	323283.95	0:00	0	0:00	0
1183	Year-Round Residence	Non-Participating	328511.02	322768.13	0:00	0	0:00	0
1275	Year-Round Residence	Non-Participating	322070.83	327704.69	0:00	0	0:00	0
1365	Year-Round Residence	Non-Participating	320539.86	330746.94	0:00	0	0:00	0
1406	Year-Round Residence	Non-Participating	319551.11	322646.06	0:00	0	0:00	0
1409	Year-Round Residence	Non-Participating	323113.39	320090.60	0:00	0	0:00	0
1419	Seasonal Residence	Non-Participating	313209.56	328767.83	0:00	0	0:00	0
1421	Seasonal Residence	Non-Participating	316258.35	332105.08	0:00	0	0:00	0
1422	Seasonal Residence	Non-Participating	317821.10	332559.73	0:00	0	0:00	0
1423	Seasonal Residence	Non-Participating	316491.12	329705.46	0:00	0	0:00	0
1425	Seasonal Residence	Non-Participating	313664.39	325982.83	0:00	0	0:00	0
1433	Seasonal Residence	Non-Participating	319901.71	329969.79	0:00	0	0:00	0
1434	Seasonal Residence	Non-Participating	323920.16	328604.23	0:00	0	0:00	0
1439	Year-Round Residence	Non-Participating	312967.76	326979.39	0:00	0	0:00	0
1440	Year-Round Residence	Non-Participating	313042.05	326949.42	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1441	Year-Round Residence	Non-Participating	313111.01	326969.73	0:00	0	0:00	0
1442	Year-Round Residence	Non-Participating	313191.15	327029.38	0:00	0	0:00	0
1443	Year-Round Residence	Non-Participating	313258.73	327007.33	0:00	0	0:00	0
1444	Year-Round Residence	Non-Participating	313377.60	327129.66	0:00	0	0:00	0
1445	Year-Round Residence	Non-Participating	313311.36	327194.05	0:00	0	0:00	0
1446	Year-Round Residence	Non-Participating	313174.86	327170.26	0:00	0	0:00	0
1447	Year-Round Residence	Non-Participating	313161.11	327222.95	0:00	0	0:00	0
1448	Year-Round Residence	Non-Participating	313125.99	327262.87	0:00	0	0:00	0
1449	Year-Round Residence	Non-Participating	313092.30	327319.27	0:00	0	0:00	0
1450	Year-Round Residence	Non-Participating	313053.96	327352.15	0:00	0	0:00	0
1451	Year-Round Residence	Non-Participating	313034.29	327397.98	0:00	0	0:00	0
1452	Year-Round Residence	Non-Participating	313120.41	327475.47	0:00	0	0:00	0
1453	Year-Round Residence	Non-Participating	312972.61	327495.45	0:00	0	0:00	0
1454	Year-Round Residence	Non-Participating	313196.59	326572.88	0:00	0	0:00	0
1455	Year-Round Residence	Non-Participating	313179.66	326499.26	0:00	0	0:00	0
1456	Year-Round Residence	Non-Participating	313272.81	326547.92	0:00	0	0:00	0
1457	Year-Round Residence	Non-Participating	313257.94	326470.93	0:00	0	0:00	0
1458	Year-Round Residence	Non-Participating	313346.76	326533.97	0:00	0	0:00	0
1459	Year-Round Residence	Non-Participating	313329.10	326450.26	0:00	0	0:00	0
1460	Year-Round Residence	Non-Participating	313406.02	326508.66	0:00	0	0:00	0
1461	Year-Round Residence	Non-Participating	313400.40	326413.17	0:00	0	0:00	0
1462	Year-Round Residence	Non-Participating	313345.60	326366.75	0:00	0	0:00	0
1463	Year-Round Residence	Non-Participating	313259.28	326356.70	0:00	0	0:00	0
1464	Year-Round Residence	Non-Participating	313197.06	326246.34	0:00	0	0:00	0
1465	Year-Round Residence	Non-Participating	313237.91	326133.43	0:00	0	0:00	0
1466	Year-Round Residence	Non-Participating	313431.39	326286.56	0:00	0	0:00	0
1467	Year-Round Residence	Non-Participating	313364.20	327216.23	0:00	0	0:00	0
1468	Year-Round Residence	Non-Participating	313481.86	327262.51	0:00	0	0:00	0
1469	Year-Round Residence	Non-Participating	313703.14	327291.26	0:00	0	0:00	0
1470	Year-Round Residence	Non-Participating	313751.46	327308.59	0:00	0	0:00	0
1471	Year-Round Residence	Non-Participating	313806.07	327415.41	0:00	0	0:00	0
1472	Year-Round Residence	Non-Participating	313917.19	327390.29	0:00	0	0:00	0
1473	Year-Round Residence	Non-Participating	313592.39	327089.79	0:00	0	0:00	0
1474	Year-Round Residence	Non-Participating	313638.97	327081.09	0:00	0	0:00	0
1475	Year-Round Residence	Non-Participating	313699.78	327128.42	0:00	0	0:00	0
1476	Year-Round Residence	Non-Participating	313783.15	327128.53	0:00	0	0:00	0
1477	Year-Round Residence	Non-Participating	313722.90	327044.75	0:00	0	0:00	0
1478	Year-Round Residence	Non-Participating	313779.01	327056.60	0:00	0	0:00	0
1479	Year-Round Residence	Non-Participating	313828.68	327039.61	0:00	0	0:00	0
1480	Year-Round Residence	Non-Participating	313842.30	327129.09	0:00	0	0:00	0
1481	Year-Round Residence	Non-Participating	313910.71	327136.72	0:00	0	0:00	0
1482	Year-Round Residence	Non-Participating	313924.65	327021.49	0:00	0	0:00	0



Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1483	Year-Round Residence	Non-Participating	314253.38	327418.18	0:00	0	0:00	0
1484	Year-Round Residence	Non-Participating	314297.96	327484.44	0:00	0	0:00	0
1485	Year-Round Residence	Non-Participating	314248.18	327650.62	0:00	0	0:00	0
1486	Year-Round Residence	Non-Participating	314162.36	327635.89	0:00	0	0:00	0
1487	Year-Round Residence	Non-Participating	314002.12	327458.34	0:00	0	0:00	0
1488	Year-Round Residence	Non-Participating	313970.42	327505.32	0:00	0	0:00	0
1489	Year-Round Residence	Non-Participating	313980.93	327557.55	0:00	0	0:00	0
1490	Year-Round Residence	Non-Participating	313943.32	327914.61	0:00	0	0:00	0
1491	Year-Round Residence	Non-Participating	313932.71	327989.83	0:00	0	0:00	0
1493	Year-Round Residence	Non-Participating	313815.68	328474.02	0:00	0	0:00	0
1494	Year-Round Residence	Non-Participating	313721.93	328454.62	0:00	0	0:00	0
1496	Year-Round Residence	Non-Participating	313628.66	329025.75	0:00	0	0:00	0
1497	Year-Round Residence	Non-Participating	313697.09	329799.65	0:00	0	0:00	0
1498	Year-Round Residence	Non-Participating	313687.67	330025.45	0:00	0	0:00	0
1499	Year-Round Residence	Non-Participating	313601.18	330082.10	0:00	0	0:00	0
1500	Year-Round Residence	Non-Participating	313413.64	330010.49	0:00	0	0:00	0
1501	Year-Round Residence	Non-Participating	313829.25	330028.78	0:00	0	0:00	0
1502	Year-Round Residence	Non-Participating	313964.92	330096.38	0:00	0	0:00	0
1503	Year-Round Residence	Non-Participating	313999.76	330029.11	0:00	0	0:00	0
1504	Year-Round Residence	Non-Participating	314067.00	330034.76	0:00	0	0:00	0
1505	Year-Round Residence	Non-Participating	314035.46	330085.76	0:00	0	0:00	0
1506	Year-Round Residence	Non-Participating	314260.71	330096.96	0:00	0	0:00	0
1507	Year-Round Residence	Non-Participating	314285.14	330021.87	0:00	0	0:00	0
1508	Year-Round Residence	Non-Participating	314451.52	330019.85	0:00	0	0:00	0
1509	Year-Round Residence	Non-Participating	314533.04	330027.50	0:00	0	0:00	0
1511	Year-Round Residence	Non-Participating	314932.90	330000.03	0:00	0	0:00	0
1512	Year-Round Residence	Non-Participating	315001.78	330054.61	0:00	0	0:00	0
1513	Year-Round Residence	Non-Participating	314997.99	329999.36	0:00	0	0:00	0
1514	Year-Round Residence	Non-Participating	315010.48	329939.82	0:00	0	0:00	0
1515	Year-Round Residence	Non-Participating	315011.59	330199.68	0:00	0	0:00	0
1516	Year-Round Residence	Non-Participating	315009.83	330268.05	0:00	0	0:00	0
1517	Year-Round Residence	Non-Participating	314932.67	330460.58	0:00	0	0:00	0
1519	Year-Round Residence	Non-Participating	314939.30	330576.96	0:00	0	0:00	0
1520	Year-Round Residence	Non-Participating	315012.13	330682.81	0:00	0	0:00	0
1521	Year-Round Residence	Non-Participating	314910.30	331361.14	0:00	0	0:00	0
1522	Year-Round Residence	Non-Participating	314924.00	331425.38	0:00	0	0:00	0
1523	Year-Round Residence	Non-Participating	315051.38	331423.62	0:00	0	0:00	0
1524	Year-Round Residence	Non-Participating	314916.10	331481.80	0:00	0	0:00	0
1525	Year-Round Residence	Non-Participating	314914.50	331550.79	0:00	0	0:00	0
1526	Year-Round Residence	Non-Participating	314979.50	331612.67	0:00	0	0:00	0
1528	Year-Round Residence	Non-Participating	315767.33	332047.04	0:00	0	0:00	0
1529	Year-Round Residence	Non-Participating	315835.06	332039.26	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1530	Year-Round Residence	Non-Participating	315885.10	332053.75	0:00	0	0:00	0
1531	Year-Round Residence	Non-Participating	316179.66	332111.57	0:00	0	0:00	0
1532	Year-Round Residence	Non-Participating	316243.14	332049.68	0:00	0	0:00	0
1533	Year-Round Residence	Non-Participating	316965.40	332094.86	0:00	0	0:00	0
1534	Year-Round Residence	Non-Participating	316940.62	332517.63	0:00	0	0:00	0
1535	Year-Round Residence	Non-Participating	316948.80	332661.74	0:00	0	0:00	0
1536	Year-Round Residence	Non-Participating	317162.01	332007.60	0:00	0	0:00	0
1537	Year-Round Residence	Non-Participating	317303.94	331926.49	0:00	0	0:00	0
1538	Year-Round Residence	Non-Participating	317470.51	332078.34	0:00	0	0:00	0
1539	Year-Round Residence	Non-Participating	317531.49	332035.95	0:00	0	0:00	0
1540	Year-Round Residence	Non-Participating	315162.28	331387.59	0:00	0	0:00	0
1541	Year-Round Residence	Non-Participating	315242.14	331410.61	0:00	0	0:00	0
1542	Year-Round Residence	Non-Participating	315187.86	331505.88	0:00	0	0:00	0
1543	Year-Round Residence	Non-Participating	315555.89	331563.03	0:00	0	0:00	0
1544	Year-Round Residence	Non-Participating	315538.74	331503.09	0:00	0	0:00	0
1545	Year-Round Residence	Non-Participating	315916.58	331615.03	0:00	0	0:00	0
1546	Year-Round Residence	Non-Participating	316384.90	331774.75	0:00	0	0:00	0
1547	Year-Round Residence	Non-Participating	317251.00	331773.09	0:00	0	0:00	0
1548	Year-Round Residence	Non-Participating	317771.95	332376.33	0:00	0	0:00	0
1549	Year-Round Residence	Non-Participating	317928.99	332531.91	0:00	0	0:00	0
1550	Year-Round Residence	Non-Participating	317912.84	332517.00	0:00	0	0:00	0
1551	Year-Round Residence	Non-Participating	317956.75	332503.53	0:00	0	0:00	0
1552	Year-Round Residence	Non-Participating	318173.58	332579.80	0:00	0	0:00	0
1553	Year-Round Residence	Non-Participating	318198.75	332538.77	0:00	0	0:00	0
1554	Year-Round Residence	Non-Participating	318297.85	332645.62	0:00	0	0:00	0
1555	Year-Round Residence	Non-Participating	318392.60	332680.07	0:00	0	0:00	0
1556	Year-Round Residence	Non-Participating	318899.32	333078.03	0:00	0	0:00	0
1557	Year-Round Residence	Non-Participating	318618.06	333462.22	0:00	0	0:00	0
1558	Year-Round Residence	Non-Participating	318595.67	333526.37	0:00	0	0:00	0
1559	Year-Round Residence	Non-Participating	318651.84	333523.40	0:00	0	0:00	0
1561	Year-Round Residence	Non-Participating	318842.75	333517.28	0:00	0	0:00	0
1562	Year-Round Residence	Non-Participating	319036.75	333421.10	0:00	0	0:00	0
1563	Year-Round Residence	Non-Participating	319176.82	333363.00	0:00	0	0:00	0
1564	Year-Round Residence	Non-Participating	319207.68	333346.72	0:00	0	0:00	0
1565	Year-Round Residence	Non-Participating	319504.27	333413.13	0:00	0	0:00	0
1566	Year-Round Residence	Non-Participating	317506.43	333622.88	0:00	0	0:00	0
1567	Year-Round Residence	Non-Participating	317672.08	333519.27	0:00	0	0:00	0
1568	Year-Round Residence	Non-Participating	317946.98	333513.69	0:00	0	0:00	0
1569	Year-Round Residence	Non-Participating	318306.56	333526.46	0:00	0	0:00	0
1570	Year-Round Residence	Non-Participating	318962.92	333114.33	0:00	0	0:00	0
1571	Year-Round Residence	Non-Participating	318931.70	333010.16	0:00	0	0:00	0
1572	Year-Round Residence	Non-Participating	318945.85	332637.68	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1573	Year-Round Residence	Non-Participating	318960.04	332427.90	0:00	0	0:00	0
1574	Year-Round Residence	Non-Participating	318870.32	332207.11	0:00	0	0:00	0
1575	Year-Round Residence	Non-Participating	318885.37	332111.27	0:00	0	0:00	0
1576	Year-Round Residence	Non-Participating	318938.14	332143.57	0:00	0	0:00	0
1577	Year-Round Residence	Non-Participating	318937.99	332085.30	0:00	0	0:00	0
1578	Year-Round Residence	Non-Participating	318876.04	331665.43	0:00	0	0:00	0
1579	Year-Round Residence	Non-Participating	318317.00	331795.20	0:00	0	0:00	0
1580	Year-Round Residence	Non-Participating	318255.95	331816.99	0:00	0	0:00	0
1581	Year-Round Residence	Non-Participating	318142.94	331788.38	0:00	0	0:00	0
1582	Year-Round Residence	Non-Participating	318052.40	331754.82	0:00	0	0:00	0
1583	Year-Round Residence	Non-Participating	318019.80	331786.40	0:00	0	0:00	0
1584	Year-Round Residence	Non-Participating	316831.43	331217.22	0:00	0	0:00	0
1585	Year-Round Residence	Non-Participating	316859.36	331102.09	0:00	0	0:00	0
1586	Year-Round Residence	Non-Participating	316826.82	331047.66	0:00	0	0:00	0
1587	Year-Round Residence	Non-Participating	316853.49	330976.13	0:00	0	0:00	0
1588	Year-Round Residence	Non-Participating	316843.19	330708.39	0:00	0	0:00	0
1589	Year-Round Residence	Non-Participating	316836.94	330583.82	0:00	0	0:00	0
1590	Year-Round Residence	Non-Participating	316840.66	330247.46	0:00	0	0:00	0
1592	Year-Round Residence	Non-Participating	316349.09	330103.34	0:00	0	0:00	0
1593	Year-Round Residence	Non-Participating	316115.85	330155.12	0:00	0	0:00	0
1595	Year-Round Residence	Non-Participating	315914.84	330004.21	0:00	0	0:00	0
1597	Year-Round Residence	Non-Participating	315758.86	330108.47	0:00	0	0:00	0
1598	Year-Round Residence	Non-Participating	315584.07	330108.17	0:00	0	0:00	0
1599	Year-Round Residence	Non-Participating	315445.36	329967.59	0:00	0	0:00	0
1600	Year-Round Residence	Non-Participating	315282.32	330095.98	0:00	0	0:00	0
1606	Year-Round Residence	Non-Participating	316605.59	328887.32	0:00	0	0:00	0
1607	Year-Round Residence	Non-Participating	316567.71	329033.05	0:00	0	0:00	0
1608	Year-Round Residence	Non-Participating	316733.74	328837.52	0:00	0	0:00	0
1609	Year-Round Residence	Non-Participating	316491.74	328744.02	0:00	0	0:00	0
1610	Year-Round Residence	Non-Participating	316233.99	328685.00	0:00	0	0:00	0
1611	Year-Round Residence	Non-Participating	316178.09	328571.86	0:00	0	0:00	0
1612	Year-Round Residence	Non-Participating	315960.19	328594.36	0:00	0	0:00	0
1613	Year-Round Residence	Non-Participating	315963.05	328457.18	0:00	0	0:00	0
1614	Year-Round Residence	Non-Participating	315874.56	328382.63	0:00	0	0:00	0
1624	Year-Round Residence	Non-Participating	314971.61	329096.62	0:00	0	0:00	0
1625	Year-Round Residence	Non-Participating	314962.26	329064.08	0:00	0	0:00	0
1626	Year-Round Residence	Non-Participating	314959.08	329507.94	0:00	0	0:00	0
1646	Year-Round Residence	Non-Participating	315433.80	326615.99	0:00	0	0:00	0
1647	Year-Round Residence	Non-Participating	315427.89	326556.77	0:00	0	0:00	0
1651	Year-Round Residence	Non-Participating	314263.41	326916.90	0:00	0	0:00	0
1652	Year-Round Residence	Non-Participating	313731.52	326502.18	0:00	0	0:00	0
1653	Year-Round Residence	Non-Participating	313601.57	326286.56	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1662	Year-Round Residence	Non-Participating	315221.49	325660.80	0:00	0	0:00	0
1664	Year-Round Residence	Non-Participating	315160.07	325457.00	0:00	0	0:00	0
1665	Year-Round Residence	Non-Participating	315013.30	324934.58	0:00	0	0:00	0
1666	Year-Round Residence	Non-Participating	314991.19	324894.13	0:00	0	0:00	0
1667	Year-Round Residence	Non-Participating	314971.97	324853.21	0:00	0	0:00	0
1668	Year-Round Residence	Non-Participating	315039.14	324819.01	0:00	0	0:00	0
1669	Year-Round Residence	Non-Participating	314926.03	324733.55	0:00	0	0:00	0
1670	Year-Round Residence	Non-Participating	314767.17	324612.80	0:00	0	0:00	0
1671	Year-Round Residence	Non-Participating	314799.68	324520.18	0:00	0	0:00	0
1672	Year-Round Residence	Non-Participating	314748.49	324460.80	0:00	0	0:00	0
1673	Year-Round Residence	Non-Participating	314691.46	324399.17	0:00	0	0:00	0
1674	Year-Round Residence	Non-Participating	314510.58	324333.51	0:00	0	0:00	0
1675	Year-Round Residence	Non-Participating	314269.84	324397.90	0:00	0	0:00	0
1676	Year-Round Residence	Non-Participating	314240.27	324405.93	0:00	0	0:00	0
1677	Year-Round Residence	Non-Participating	314056.62	324410.17	0:00	0	0:00	0
1678	Year-Round Residence	Non-Participating	314222.26	324511.01	0:00	0	0:00	0
1679	Year-Round Residence	Non-Participating	314274.06	324516.39	0:00	0	0:00	0
1680	Year-Round Residence	Non-Participating	314633.61	324304.10	0:00	0	0:00	0
1681	Year-Round Residence	Non-Participating	314602.82	324270.58	0:00	0	0:00	0
1682	Year-Round Residence	Non-Participating	314575.05	324230.68	0:00	0	0:00	0
1683	Year-Round Residence	Non-Participating	314625.83	324187.68	0:00	0	0:00	0
1684	Year-Round Residence	Non-Participating	314583.95	324119.20	0:00	0	0:00	0
1685	Year-Round Residence	Non-Participating	314524.04	324029.46	0:00	0	0:00	0
1686	Year-Round Residence	Non-Participating	314481.50	323983.54	0:00	0	0:00	0
1687	Year-Round Residence	Non-Participating	314450.66	323916.96	0:00	0	0:00	0
1688	Year-Round Residence	Non-Participating	314367.43	323817.94	0:00	0	0:00	0
1689	Year-Round Residence	Non-Participating	315365.02	324383.19	0:00	0	0:00	0
1690	Year-Round Residence	Non-Participating	315412.98	324432.32	0:00	0	0:00	0
1691	Year-Round Residence	Non-Participating	315430.45	324375.28	0:00	0	0:00	0
1692	Year-Round Residence	Non-Participating	315460.78	324293.40	0:00	0	0:00	0
1693	Year-Round Residence	Non-Participating	315594.13	324295.05	0:00	0	0:00	0
1694	Year-Round Residence	Non-Participating	315602.89	324343.27	0:00	0	0:00	0
1695	Year-Round Residence	Non-Participating	315617.48	324293.47	0:00	0	0:00	0
1696	Year-Round Residence	Non-Participating	315624.16	324341.98	0:00	0	0:00	0
1697	Year-Round Residence	Non-Participating	315639.59	324270.81	0:00	0	0:00	0
1698	Year-Round Residence	Non-Participating	315651.04	324335.41	0:00	0	0:00	0
1699	Year-Round Residence	Non-Participating	315679.52	324274.01	0:00	0	0:00	0
1700	Year-Round Residence	Non-Participating	315709.83	324328.35	0:00	0	0:00	0
1701	Year-Round Residence	Non-Participating	315704.39	324277.34	0:00	0	0:00	0
1702	Year-Round Residence	Non-Participating	315746.02	324333.13	0:00	0	0:00	0
1703	Year-Round Residence	Non-Participating	315802.29	324325.21	0:00	0	0:00	0
1704	Year-Round Residence	Non-Participating	315813.57	324262.76	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1705	Year-Round Residence	Non-Participating	315851.74	324236.03	0:00	0	0:00	0
1706	Year-Round Residence	Non-Participating	315850.02	324211.78	0:00	0	0:00	0
1707	Year-Round Residence	Non-Participating	315849.02	324162.25	0:00	0	0:00	0
1708	Year-Round Residence	Non-Participating	315896.66	324190.67	0:00	0	0:00	0
1709	Year-Round Residence	Non-Participating	315931.58	324232.39	0:00	0	0:00	0
1710	Year-Round Residence	Non-Participating	315896.38	324171.16	0:00	0	0:00	0
1711	Year-Round Residence	Non-Participating	315862.45	324072.91	0:00	0	0:00	0
1712	Year-Round Residence	Non-Participating	315944.78	324059.31	0:00	0	0:00	0
1713	Year-Round Residence	Non-Participating	315860.19	324026.74	0:00	0	0:00	0
1714	Year-Round Residence	Non-Participating	315862.60	323992.89	0:00	0	0:00	0
1715	Year-Round Residence	Non-Participating	315542.78	323513.41	0:00	0	0:00	0
1716	Year-Round Residence	Non-Participating	315597.57	323431.12	0:00	0	0:00	0
1717	Year-Round Residence	Non-Participating	315670.27	323093.86	0:00	0	0:00	0
1718	Year-Round Residence	Non-Participating	315648.80	322945.60	0:00	0	0:00	0
1721	Year-Round Residence	Non-Participating	315775.27	325591.65	0:00	0	0:00	0
1723	Year-Round Residence	Non-Participating	315732.06	325525.52	0:00	0	0:00	0
1724	Year-Round Residence	Non-Participating	315878.92	325483.58	0:00	0	0:00	0
1725	Year-Round Residence	Non-Participating	315868.39	325417.13	0:00	0	0:00	0
1726	Year-Round Residence	Non-Participating	316130.17	325410.50	0:00	0	0:00	0
1727	Year-Round Residence	Non-Participating	315766.50	325318.78	0:00	0	0:00	0
1728	Year-Round Residence	Non-Participating	315806.40	325181.06	0:00	0	0:00	0
1729	Year-Round Residence	Non-Participating	315801.94	325131.88	0:00	0	0:00	0
1730	Year-Round Residence	Non-Participating	315806.15	325041.39	0:00	0	0:00	0
1731	Year-Round Residence	Non-Participating	315815.19	324943.54	0:00	0	0:00	0
1732	Year-Round Residence	Non-Participating	315815.20	324887.91	0:00	0	0:00	0
1733	Year-Round Residence	Non-Participating	315818.34	324846.31	0:00	0	0:00	0
1734	Year-Round Residence	Non-Participating	315887.03	324845.91	0:00	0	0:00	0
1735	Year-Round Residence	Non-Participating	315816.10	324807.31	0:00	0	0:00	0
1736	Year-Round Residence	Non-Participating	315816.17	324755.78	0:00	0	0:00	0
1737	Year-Round Residence	Non-Participating	315732.55	324738.14	0:00	0	0:00	0
1738	Year-Round Residence	Non-Participating	315877.87	324609.12	0:00	0	0:00	0
1739	Year-Round Residence	Non-Participating	315829.44	324568.36	0:00	0	0:00	0
1740	Year-Round Residence	Non-Participating	315883.82	324450.97	0:00	0	0:00	0
1741	Year-Round Residence	Non-Participating	315841.58	324436.57	0:00	0	0:00	0
1742	Year-Round Residence	Non-Participating	315880.49	324429.32	0:00	0	0:00	0
1743	Year-Round Residence	Non-Participating	315883.13	324408.14	0:00	0	0:00	0
1744	Year-Round Residence	Non-Participating	315841.59	324410.78	0:00	0	0:00	0
1745	Year-Round Residence	Non-Participating	315831.70	324373.16	0:00	0	0:00	0
1746	Year-Round Residence	Non-Participating	315887.61	324312.05	0:00	0	0:00	0
1747	Year-Round Residence	Non-Participating	315964.98	324306.54	0:00	0	0:00	0
1748	Year-Round Residence	Non-Participating	315960.73	324246.22	0:00	0	0:00	0
1749	Year-Round Residence	Non-Participating	315984.47	324243.16	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1750	Year-Round Residence	Non-Participating	316038.02	324236.70	0:00	0	0:00	0
1751	Year-Round Residence	Non-Participating	316043.00	324292.09	0:00	0	0:00	0
1752	Year-Round Residence	Non-Participating	316139.25	324272.01	0:00	0	0:00	0
1753	Year-Round Residence	Non-Participating	316124.18	324229.69	0:00	0	0:00	0
1754	Year-Round Residence	Non-Participating	316187.32	324280.52	0:00	0	0:00	0
1755	Year-Round Residence	Non-Participating	316379.75	324191.19	0:00	0	0:00	0
1756	Year-Round Residence	Non-Participating	316467.11	323971.00	0:00	0	0:00	0
1757	Year-Round Residence	Non-Participating	316575.48	324073.23	0:00	0	0:00	0
1758	Year-Round Residence	Non-Participating	316481.54	324164.10	0:00	0	0:00	0
1759	Year-Round Residence	Non-Participating	316426.56	324236.13	0:00	0	0:00	0
1760	Year-Round Residence	Non-Participating	316521.21	324219.68	0:00	0	0:00	0
1761	Year-Round Residence	Non-Participating	316644.90	324125.81	0:00	0	0:00	0
1762	Year-Round Residence	Non-Participating	316695.66	324182.45	0:00	0	0:00	0
1763	Year-Round Residence	Non-Participating	316723.51	324188.42	0:00	0	0:00	0
1764	Year-Round Residence	Non-Participating	316735.46	324071.49	0:00	0	0:00	0
1765	Year-Round Residence	Non-Participating	316796.47	324237.77	0:00	0	0:00	0
1766	Year-Round Residence	Non-Participating	316802.81	324064.25	0:00	0	0:00	0
1767	Year-Round Residence	Non-Participating	316863.12	324051.23	0:00	0	0:00	0
1768	Year-Round Residence	Non-Participating	317068.03	324050.95	0:00	0	0:00	0
1769	Year-Round Residence	Non-Participating	317430.63	323823.33	0:00	0	0:00	0
1770	Year-Round Residence	Non-Participating	317481.48	323770.75	0:00	0	0:00	0
1771	Year-Round Residence	Non-Participating	317546.74	323741.33	0:00	0	0:00	0
1772	Year-Round Residence	Non-Participating	317423.91	323571.88	0:00	0	0:00	0
1773	Year-Round Residence	Non-Participating	317330.81	323415.30	0:00	0	0:00	0
1774	Year-Round Residence	Non-Participating	317452.97	323385.73	0:00	0	0:00	0
1775	Year-Round Residence	Non-Participating	317498.61	323340.29	0:00	0	0:00	0
1776	Year-Round Residence	Non-Participating	317161.34	323168.95	0:00	0	0:00	0
1777	Year-Round Residence	Non-Participating	317050.07	322725.86	0:00	0	0:00	0
1778	Year-Round Residence	Non-Participating	317085.10	322808.85	0:00	0	0:00	0
1779	Year-Round Residence	Non-Participating	317705.39	322930.77	0:00	0	0:00	0
1780	Year-Round Residence	Non-Participating	317563.90	323943.84	0:00	0	0:00	0
1781	Year-Round Residence	Non-Participating	317636.47	324013.37	0:00	0	0:00	0
1782	Year-Round Residence	Non-Participating	317567.50	324213.55	0:00	0	0:00	0
1783	Year-Round Residence	Non-Participating	317491.75	324283.34	0:00	0	0:00	0
1784	Year-Round Residence	Non-Participating	317566.48	324309.98	0:00	0	0:00	0
1785	Year-Round Residence	Non-Participating	317615.75	324324.93	0:00	0	0:00	0
1786	Year-Round Residence	Non-Participating	317489.01	324433.14	0:00	0	0:00	0
1787	Year-Round Residence	Non-Participating	317580.75	324448.55	0:00	0	0:00	0
1788	Year-Round Residence	Non-Participating	317472.80	324504.39	0:00	0	0:00	0
1789	Year-Round Residence	Non-Participating	317435.62	324578.73	0:00	0	0:00	0
1790	Year-Round Residence	Non-Participating	317449.82	324652.68	0:00	0	0:00	0
1791	Year-Round Residence	Non-Participating	317220.56	324832.36	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1792	Year-Round Residence	Non-Participating	317425.28	324868.07	0:00	0	0:00	0
1793	Year-Round Residence	Non-Participating	317494.76	324875.37	0:00	0	0:00	0
1794	Year-Round Residence	Non-Participating	317612.39	324867.71	0:00	0	0:00	0
1795	Year-Round Residence	Non-Participating	317751.18	324556.64	0:00	0	0:00	0
1796	Year-Round Residence	Non-Participating	317938.00	324557.86	0:00	0	0:00	0
1797	Year-Round Residence	Non-Participating	318102.24	324824.90	0:00	0	0:00	0
1799	Year-Round Residence	Non-Participating	318267.87	324872.93	0:00	0	0:00	0
1800	Year-Round Residence	Non-Participating	318275.94	324464.32	0:00	0	0:00	0
1801	Year-Round Residence	Non-Participating	318377.05	324160.62	0:00	0	0:00	0
1802	Year-Round Residence	Non-Participating	318371.58	323909.72	0:00	0	0:00	0
1803	Year-Round Residence	Non-Participating	318280.25	323845.92	0:00	0	0:00	0
1804	Year-Round Residence	Non-Participating	318267.28	325124.24	0:00	0	0:00	0
1805	Year-Round Residence	Non-Participating	318215.04	325331.36	0:00	0	0:00	0
1806	Year-Round Residence	Non-Participating	318176.05	325484.16	0:00	0	0:00	0
1807	Year-Round Residence	Non-Participating	318175.38	325566.65	0:00	0	0:00	0
1808	Year-Round Residence	Non-Participating	318167.38	325617.34	0:00	0	0:00	0
1919	Year-Round Residence	Non-Participating	320852.22	329384.76	0:00	0	0:00	0
1920	Year-Round Residence	Non-Participating	321019.26	329364.73	0:00	0	0:00	0
1921	Year-Round Residence	Non-Participating	320693.38	329797.81	0:00	0	0:00	0
1922	Year-Round Residence	Non-Participating	320840.02	330064.80	0:00	0	0:00	0
1925	Year-Round Residence	Non-Participating	320502.63	330995.88	0:00	0	0:00	0
1926	Year-Round Residence	Non-Participating	320494.89	331070.28	0:00	0	0:00	0
1927	Year-Round Residence	Non-Participating	320546.04	331069.27	0:00	0	0:00	0
1928	Year-Round Residence	Non-Participating	320656.68	331134.13	0:00	0	0:00	0
1929	Year-Round Residence	Non-Participating	320751.78	331120.19	0:00	0	0:00	0
1930	Year-Round Residence	Non-Participating	320742.55	331178.41	0:00	0	0:00	0
1931	Year-Round Residence	Non-Participating	320738.64	331254.87	0:00	0	0:00	0
1932	Year-Round Residence	Non-Participating	320557.17	331310.52	0:00	0	0:00	0
1933	Year-Round Residence	Non-Participating	320622.74	331391.87	0:00	0	0:00	0
1934	Year-Round Residence	Non-Participating	320505.64	331353.62	0:00	0	0:00	0
1935	Year-Round Residence	Non-Participating	320246.45	331424.44	0:00	0	0:00	0
1936	Year-Round Residence	Non-Participating	320299.96	331389.93	0:00	0	0:00	0
1937	Year-Round Residence	Non-Participating	320362.01	331252.76	0:00	0	0:00	0
1938	Year-Round Residence	Non-Participating	320389.31	331187.74	0:00	0	0:00	0
1939	Year-Round Residence	Non-Participating	320409.70	331132.71	0:00	0	0:00	0
1940	Year-Round Residence	Non-Participating	320100.52	331425.22	0:00	0	0:00	0
1941	Year-Round Residence	Non-Participating	319967.59	331517.94	0:00	0	0:00	0
1942	Year-Round Residence	Non-Participating	319870.45	331486.22	0:00	0	0:00	0
1944	Year-Round Residence	Non-Participating	319771.45	331408.73	0:00	0	0:00	0
1945	Year-Round Residence	Non-Participating	319777.39	331483.12	0:00	0	0:00	0
1946	Year-Round Residence	Non-Participating	319627.52	331504.82	0:00	0	0:00	0
1947	Year-Round Residence	Non-Participating	319467.80	331448.89	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1948	Year-Round Residence	Non-Participating	319223.49	331298.24	0:00	0	0:00	0
1949	Year-Round Residence	Non-Participating	319301.31	331553.68	0:00	0	0:00	0
1950	Year-Round Residence	Non-Participating	319124.00	331598.92	0:00	0	0:00	0
1952	Year-Round Residence	Non-Participating	320322.13	331755.08	0:00	0	0:00	0
1953	Year-Round Residence	Non-Participating	320234.27	331758.22	0:00	0	0:00	0
1954	Year-Round Residence	Non-Participating	320290.86	331793.82	0:00	0	0:00	0
1955	Year-Round Residence	Non-Participating	320260.54	331835.74	0:00	0	0:00	0
1956	Year-Round Residence	Non-Participating	320182.78	332025.79	0:00	0	0:00	0
1957	Year-Round Residence	Non-Participating	320087.46	331982.84	0:00	0	0:00	0
1958	Year-Round Residence	Non-Participating	319939.94	332260.59	0:00	0	0:00	0
1959	Year-Round Residence	Non-Participating	319955.83	332445.74	0:00	0	0:00	0
1960	Year-Round Residence	Non-Participating	319943.67	332519.92	0:00	0	0:00	0
1961	Year-Round Residence	Non-Participating	319917.99	332725.64	0:00	0	0:00	0
1962	Year-Round Residence	Non-Participating	319680.28	332955.45	0:00	0	0:00	0
1963	Year-Round Residence	Non-Participating	319808.54	333039.04	0:00	0	0:00	0
1964	Year-Round Residence	Non-Participating	319754.04	333233.44	0:00	0	0:00	0
1965	Year-Round Residence	Non-Participating	321044.74	331018.96	0:00	0	0:00	0
1966	Year-Round Residence	Non-Participating	321110.27	330698.26	0:00	0	0:00	0
1967	Year-Round Residence	Non-Participating	321062.15	329291.96	0:00	0	0:00	0
1968	Year-Round Residence	Non-Participating	321604.79	329490.49	0:00	0	0:00	0
1969	Year-Round Residence	Non-Participating	321991.65	329235.55	0:00	0	0:00	0
1970	Year-Round Residence	Non-Participating	322095.64	329270.80	0:00	0	0:00	0
1971	Year-Round Residence	Non-Participating	322345.93	329324.04	0:00	0	0:00	0
1973	Year-Round Residence	Non-Participating	323140.55	329331.31	0:00	0	0:00	0
1974	Year-Round Residence	Non-Participating	322337.86	330609.00	0:00	0	0:00	0
1975	Year-Round Residence	Non-Participating	322438.15	330529.46	0:00	0	0:00	0
1976	Year-Round Residence	Non-Participating	322830.42	330295.43	0:00	0	0:00	0
1977	Year-Round Residence	Non-Participating	322911.46	330240.03	0:00	0	0:00	0
1978	Year-Round Residence	Non-Participating	322402.91	331347.48	0:00	0	0:00	0
1979	Year-Round Residence	Non-Participating	322646.48	330806.88	0:00	0	0:00	0
1980	Year-Round Residence	Non-Participating	322971.22	330121.00	0:00	0	0:00	0
1981	Year-Round Residence	Non-Participating	322990.60	330073.44	0:00	0	0:00	0
1982	Year-Round Residence	Non-Participating	323046.33	330107.88	0:00	0	0:00	0
1983	Year-Round Residence	Non-Participating	323013.22	330038.99	0:00	0	0:00	0
1984	Year-Round Residence	Non-Participating	323089.43	330007.66	0:00	0	0:00	0
1985	Year-Round Residence	Non-Participating	323038.98	329893.28	0:00	0	0:00	0
1986	Year-Round Residence	Non-Participating	323048.63	329831.63	0:00	0	0:00	0
1988	Year-Round Residence	Non-Participating	323044.55	329788.37	0:00	0	0:00	0
1989	Year-Round Residence	Non-Participating	323098.51	329777.92	0:00	0	0:00	0
1990	Year-Round Residence	Non-Participating	323098.81	329800.61	0:00	0	0:00	0
1991	Year-Round Residence	Non-Participating	323098.93	329757.70	0:00	0	0:00	0
1992	Year-Round Residence	Non-Participating	323098.62	329734.54	0:00	0	0:00	0



Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1993	Year-Round Residence	Non-Participating	323057.16	329698.73	0:00	0	0:00	0
1994	Year-Round Residence	Non-Participating	323097.45	329706.61	0:00	0	0:00	0
1995	Year-Round Residence	Non-Participating	323061.52	329676.64	0:00	0	0:00	0
1996	Year-Round Residence	Non-Participating	323001.07	329692.19	0:00	0	0:00	0
1997	Year-Round Residence	Non-Participating	323168.84	329641.36	0:00	0	0:00	0
1998	Year-Round Residence	Non-Participating	323204.77	329680.98	0:00	0	0:00	0
1999	Year-Round Residence	Non-Participating	323285.01	329649.34	0:00	0	0:00	0
2000	Year-Round Residence	Non-Participating	323343.99	329646.16	0:00	0	0:00	0
2001	Year-Round Residence	Non-Participating	323446.26	329798.06	0:00	0	0:00	0
2002	Year-Round Residence	Non-Participating	323436.28	329699.95	0:00	0	0:00	0
2003	Year-Round Residence	Non-Participating	323520.97	329667.54	0:00	0	0:00	0
2004	Year-Round Residence	Non-Participating	323551.24	329660.41	0:00	0	0:00	0
2005	Year-Round Residence	Non-Participating	323552.56	329729.38	0:00	0	0:00	0
2006	Year-Round Residence	Non-Participating	323661.47	329732.64	0:00	0	0:00	0
2007	Year-Round Residence	Non-Participating	323541.12	329747.38	0:00	0	0:00	0
2008	Year-Round Residence	Non-Participating	323502.81	329730.28	0:00	0	0:00	0
2009	Year-Round Residence	Non-Participating	323489.94	329752.11	0:00	0	0:00	0
2010	Year-Round Residence	Non-Participating	323478.29	329763.67	0:00	0	0:00	0
2011	Year-Round Residence	Non-Participating	323521.54	329793.36	0:00	0	0:00	0
2012	Year-Round Residence	Non-Participating	323480.35	329837.11	0:00	0	0:00	0
2013	Year-Round Residence	Non-Participating	323429.46	329815.68	0:00	0	0:00	0
2014	Year-Round Residence	Non-Participating	323471.50	329852.79	0:00	0	0:00	0
2015	Year-Round Residence	Non-Participating	323455.62	329869.03	0:00	0	0:00	0
2016	Year-Round Residence	Non-Participating	323388.92	329877.26	0:00	0	0:00	0
2018	Year-Round Residence	Non-Participating	323327.39	329873.39	0:00	0	0:00	0
2019	Year-Round Residence	Non-Participating	323305.54	329869.32	0:00	0	0:00	0
2020	Year-Round Residence	Non-Participating	323271.91	329862.88	0:00	0	0:00	0
2021	Year-Round Residence	Non-Participating	323235.82	329860.65	0:00	0	0:00	0
2022	Year-Round Residence	Non-Participating	323212.27	329863.13	0:00	0	0:00	0
2023	Year-Round Residence	Non-Participating	323188.25	329861.84	0:00	0	0:00	0
2024	Year-Round Residence	Non-Participating	323169.33	329859.30	0:00	0	0:00	0
2026	Year-Round Residence	Non-Participating	323129.00	329851.50	0:00	0	0:00	0
2027	Year-Round Residence	Non-Participating	323195.85	330142.86	0:00	0	0:00	0
2028	Year-Round Residence	Non-Participating	323192.23	329944.48	0:00	0	0:00	0
2029	Year-Round Residence	Non-Participating	323250.42	329945.42	0:00	0	0:00	0
2030	Year-Round Residence	Non-Participating	323361.84	329958.33	0:00	0	0:00	0
2031	Year-Round Residence	Non-Participating	323377.10	329960.54	0:00	0	0:00	0
2032	Year-Round Residence	Non-Participating	323423.11	329981.99	0:00	0	0:00	0
2033	Year-Round Residence	Non-Participating	323450.27	329972.73	0:00	0	0:00	0
2034	Year-Round Residence	Non-Participating	323448.22	330009.65	0:00	0	0:00	0
2036	Year-Round Residence	Non-Participating	323461.82	330091.10	0:00	0	0:00	0
2037	Year-Round Residence	Non-Participating	323514.46	330105.31	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2038	Year-Round Residence	Non-Participating	323840.31	330051.41	0:00	0	0:00	0
2039	Year-Round Residence	Non-Participating	323976.39	329712.62	0:00	0	0:00	0
2040	Year-Round Residence	Non-Participating	324094.69	329705.97	0:00	0	0:00	0
2041	Year-Round Residence	Non-Participating	324508.72	329582.97	0:00	0	0:00	0
2042	Year-Round Residence	Non-Participating	325662.81	328685.59	0:00	0	0:00	0
2043	Year-Round Residence	Non-Participating	325637.47	328582.74	0:00	0	0:00	0
2044	Year-Round Residence	Non-Participating	323606.55	329565.65	0:00	0	0:00	0
2045	Year-Round Residence	Non-Participating	323750.82	329486.04	0:00	0	0:00	0
2046	Year-Round Residence	Non-Participating	323785.51	329427.18	0:00	0	0:00	0
2047	Year-Round Residence	Non-Participating	323726.91	329400.83	0:00	0	0:00	0
2048	Year-Round Residence	Non-Participating	323854.12	329321.57	0:00	0	0:00	0
2049	Year-Round Residence	Non-Participating	323930.17	329231.44	0:00	0	0:00	0
2050	Year-Round Residence	Non-Participating	324042.19	328949.93	0:00	0	0:00	0
2051	Year-Round Residence	Non-Participating	324169.58	328941.98	0:00	0	0:00	0
2052	Year-Round Residence	Non-Participating	324146.40	328860.65	0:00	0	0:00	0
2053	Year-Round Residence	Non-Participating	324682.51	328443.76	0:00	0	0:00	0
2054	Year-Round Residence	Non-Participating	324061.24	328138.99	0:00	0	0:00	0
2055	Year-Round Residence	Non-Participating	323948.76	328147.07	0:00	0	0:00	0
2056	Year-Round Residence	Non-Participating	323899.57	328071.17	0:00	0	0:00	0
2057	Year-Round Residence	Non-Participating	323839.41	328147.27	0:00	0	0:00	0
2058	Year-Round Residence	Non-Participating	323658.96	328113.73	0:00	0	0:00	0
2059	Year-Round Residence	Non-Participating	323694.86	328049.76	0:00	0	0:00	0
2060	Year-Round Residence	Non-Participating	323584.06	327984.86	0:00	0	0:00	0
2061	Year-Round Residence	Non-Participating	323457.51	328049.05	0:00	0	0:00	0
2062	Year-Round Residence	Non-Participating	323401.85	328034.31	0:00	0	0:00	0
2063	Year-Round Residence	Non-Participating	323383.12	328259.19	0:00	0	0:00	0
2064	Year-Round Residence	Non-Participating	323407.67	328178.71	0:00	0	0:00	0
2065	Year-Round Residence	Non-Participating	323334.22	328172.95	0:00	0	0:00	0
2066	Year-Round Residence	Non-Participating	323255.59	328317.30	0:00	0	0:00	0
2067	Year-Round Residence	Non-Participating	323367.72	328105.58	0:00	0	0:00	0
2068	Year-Round Residence	Non-Participating	323348.86	328314.75	0:00	0	0:00	0
2069	Year-Round Residence	Non-Participating	323365.81	328452.78	0:00	0	0:00	0
2071	Year-Round Residence	Non-Participating	323074.41	328800.53	0:00	0	0:00	0
2072	Year-Round Residence	Non-Participating	323018.19	329333.57	0:00	0	0:00	0
2073	Year-Round Residence	Non-Participating	323126.84	328452.34	0:00	0	0:00	0
2074	Year-Round Residence	Non-Participating	323083.97	328367.94	0:00	0	0:00	0
2075	Year-Round Residence	Non-Participating	322991.47	328245.18	0:00	0	0:00	0
2076	Year-Round Residence	Non-Participating	322768.02	328103.89	0:00	0	0:00	0
2087	Year-Round Residence	Non-Participating	320969.30	328928.06	0:00	0	0:00	0
2088	Year-Round Residence	Non-Participating	320913.27	328673.84	0:00	0	0:00	0
2089	Year-Round Residence	Non-Participating	320917.43	328713.54	0:00	0	0:00	0
2090	Year-Round Residence	Non-Participating	321018.22	328480.66	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2092	Year-Round Residence	Non-Participating	320863.84	327734.75	0:00	0	0:00	0
2099	Year-Round Residence	Non-Participating	321845.99	327638.43	0:00	0	0:00	0
2100	Year-Round Residence	Non-Participating	321663.33	327576.76	0:00	0	0:00	0
2101	Year-Round Residence	Non-Participating	321949.54	327582.40	0:00	0	0:00	0
2117	Year-Round Residence	Non-Participating	321494.75	325447.42	0:00	0	0:00	0
2118	Year-Round Residence	Non-Participating	322261.33	325265.68	0:00	0	0:00	0
2121	Year-Round Residence	Non-Participating	320235.73	325197.65	0:00	0	0:00	0
2122	Year-Round Residence	Non-Participating	320001.27	325159.85	0:00	0	0:00	0
2124	Year-Round Residence	Non-Participating	319855.37	324982.19	0:00	0	0:00	0
2125	Year-Round Residence	Non-Participating	319793.27	325065.57	0:00	0	0:00	0
2126	Year-Round Residence	Non-Participating	319599.34	324648.18	0:00	0	0:00	0
2127	Year-Round Residence	Non-Participating	319354.71	325044.13	0:00	0	0:00	0
2128	Year-Round Residence	Non-Participating	319139.67	325009.96	0:00	0	0:00	0
2129	Year-Round Residence	Non-Participating	319033.08	325020.70	0:00	0	0:00	0
2130	Year-Round Residence	Non-Participating	318739.64	325178.02	0:00	0	0:00	0
2131	Year-Round Residence	Non-Participating	318427.18	323649.23	0:00	0	0:00	0
2132	Year-Round Residence	Non-Participating	318538.37	323819.18	0:00	0	0:00	0
2133	Year-Round Residence	Non-Participating	319953.76	323718.65	0:00	0	0:00	0
2134	Year-Round Residence	Non-Participating	320119.88	323794.81	0:00	0	0:00	0
2135	Year-Round Residence	Non-Participating	320487.89	323811.67	0:00	0	0:00	0
2136	Year-Round Residence	Non-Participating	320499.59	323707.41	0:00	0	0:00	0
2138	Year-Round Residence	Non-Participating	320634.31	323597.91	0:00	0	0:00	0
2140	Year-Round Residence	Non-Participating	320714.19	323721.22	0:00	0	0:00	0
2142	Year-Round Residence	Non-Participating	320951.10	323740.62	0:00	0	0:00	0
2143	Year-Round Residence	Non-Participating	321128.20	323846.61	0:00	0	0:00	0
2144	Year-Round Residence	Non-Participating	321236.64	323755.62	0:00	0	0:00	0
2150	Year-Round Residence	Non-Participating	318961.48	322595.58	0:00	0	0:00	0
2151	Year-Round Residence	Non-Participating	319107.37	322596.03	0:00	0	0:00	0
2152	Year-Round Residence	Non-Participating	319131.72	322744.88	0:00	0	0:00	0
2153	Year-Round Residence	Non-Participating	319431.50	322697.62	0:00	0	0:00	0
2154	Year-Round Residence	Non-Participating	319500.43	322629.84	0:00	0	0:00	0
2155	Year-Round Residence	Non-Participating	319492.20	322508.22	0:00	0	0:00	0
2156	Year-Round Residence	Non-Participating	319675.98	322626.26	0:00	0	0:00	0
2157	Year-Round Residence	Non-Participating	319723.26	322575.18	0:00	0	0:00	0
2158	Year-Round Residence	Non-Participating	319862.71	322633.13	0:00	0	0:00	0
2159	Year-Round Residence	Non-Participating	320013.02	322705.20	0:00	0	0:00	0
2160	Year-Round Residence	Non-Participating	320133.34	322561.27	0:00	0	0:00	0
2161	Year-Round Residence	Non-Participating	320108.93	322456.92	0:00	0	0:00	0
2162	Year-Round Residence	Non-Participating	320278.12	322230.53	0:00	0	0:00	0
2163	Year-Round Residence	Non-Participating	320072.06	322107.50	0:00	0	0:00	0
2164	Year-Round Residence	Non-Participating	320128.77	321873.81	0:00	0	0:00	0
2165	Year-Round Residence	Non-Participating	320198.12	321872.89	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2166	Year-Round Residence	Non-Participating	320646.36	322406.37	0:00	0	0:00	0
2167	Year-Round Residence	Non-Participating	320688.55	322405.73	0:00	0	0:00	0
2168	Year-Round Residence	Non-Participating	320865.18	322476.96	0:00	0	0:00	0
2169	Year-Round Residence	Non-Participating	320871.34	322333.98	0:00	0	0:00	0
2170	Year-Round Residence	Non-Participating	321008.19	322520.21	0:00	0	0:00	0
2171	Year-Round Residence	Non-Participating	321036.45	322623.33	0:00	0	0:00	0
2172	Year-Round Residence	Non-Participating	321196.77	322674.85	0:00	0	0:00	0
2173	Year-Round Residence	Non-Participating	321332.24	323205.30	0:00	0	0:00	0
2174	Year-Round Residence	Non-Participating	321273.03	323611.33	0:00	0	0:00	0
2175	Year-Round Residence	Non-Participating	321330.49	323663.55	0:00	0	0:00	0
2176	Year-Round Residence	Non-Participating	321266.37	323695.12	0:00	0	0:00	0
2177	Year-Round Residence	Non-Participating	321332.01	323690.66	0:00	0	0:00	0
2178	Year-Round Residence	Non-Participating	321326.62	323721.44	0:00	0	0:00	0
2179	Year-Round Residence	Non-Participating	321331.28	323755.26	0:00	0	0:00	0
2180	Year-Round Residence	Non-Participating	321392.43	323805.81	0:00	0	0:00	0
2181	Year-Round Residence	Non-Participating	321457.24	323895.86	0:00	0	0:00	0
2182	Year-Round Residence	Non-Participating	321481.47	323815.21	0:00	0	0:00	0
2183	Year-Round Residence	Non-Participating	321550.16	323819.68	0:00	0	0:00	0
2191	Year-Round Residence	Non-Participating	322306.56	322793.17	0:00	0	0:00	0
2192	Year-Round Residence	Non-Participating	321645.38	322762.48	0:00	0	0:00	0
2193	Year-Round Residence	Non-Participating	321506.29	322752.90	0:00	0	0:00	0
2194	Year-Round Residence	Non-Participating	321399.49	322715.29	0:00	0	0:00	0
2195	Year-Round Residence	Non-Participating	321428.38	322675.44	0:00	0	0:00	0
2196	Year-Round Residence	Non-Participating	322414.03	321457.55	0:00	0	0:00	0
2197	Year-Round Residence	Non-Participating	322337.39	321291.48	0:00	0	0:00	0
2198	Year-Round Residence	Non-Participating	322350.12	321149.07	0:00	0	0:00	0
2199	Year-Round Residence	Non-Participating	322375.72	320848.19	0:00	0	0:00	0
2200	Year-Round Residence	Non-Participating	322499.02	320616.23	0:00	0	0:00	0
2201	Year-Round Residence	Non-Participating	322801.07	320586.67	0:00	0	0:00	0
2202	Year-Round Residence	Non-Participating	323045.34	320704.79	0:00	0	0:00	0
2203	Year-Round Residence	Non-Participating	323233.08	320282.05	0:00	0	0:00	0
2204	Year-Round Residence	Non-Participating	323624.44	320853.85	0:00	0	0:00	0
2210	Year-Round Residence	Non-Participating	322830.49	320670.86	0:00	0	0:00	0
2272	Year-Round Residence	Non-Participating	322393.92	321271.49	0:00	0	0:00	0
2273	Seasonal Residence	Non-Participating	323228.81	320305.64	0:00	0	0:00	0
2278	Year-Round Residence	Non-Participating	322400.69	321167.43	0:00	0	0:00	0
2282	Year-Round Residence	Non-Participating	315427.17	323244.21	0:00	0	0:00	0
2285	Year-Round Residence	Non-Participating	321281.75	323344.86	0:00	0	0:00	0
2288	Year-Round Residence	Non-Participating	317714.28	323769.99	0:00	0	0:00	0
2289	Year-Round Residence	Non-Participating	315802.63	325088.17	0:00	0	0:00	0
2290	Year-Round Residence	Non-Participating	316680.98	324109.55	0:00	0	0:00	0
2294	Year-Round Residence	Non-Participating	320793.90	328512.24	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2298	Year-Round Residence	Non-Participating	323840.75	329758.79	0:00	0	0:00	0
2301	Year-Round Residence	Non-Participating	319061.13	333208.12	0:00	0	0:00	0
2302	Year-Round Residence	Non-Participating	317634.41	333444.75	0:00	0	0:00	0
2304	Year-Round Residence	Non-Participating	316723.50	330023.82	0:00	0	0:00	0
2306	Year-Round Residence	Non-Participating	313880.70	327015.38	0:00	0	0:00	0
2307	Year-Round Residence	Non-Participating	315008.18	329053.93	0:00	0	0:00	0
2308	Year-Round Residence	Non-Participating	315007.78	330770.16	0:00	0	0:00	0
2310	Year-Round Residence	Non-Participating	313500.02	328731.95	0:00	0	0:00	0
2311	Year-Round Residence	Non-Participating	315619.09	332050.39	0:00	0	0:00	0
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Residential Receptors								
<b>1173</b>	<b>Year-Round Residence</b>	<b>Non-Participating</b>	<b>326836.02</b>	<b>324708.98</b>	<b>218:31</b>	<b>87</b>	<b>56:06</b>	<b>3366</b>
<b>2093</b>	<b>Year-Round Residence</b>	<b>Non-Participating</b>	<b>320865.80</b>	<b>327648.28</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-2.c: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
451	Year-Round Residence	Participating	323137.13	323442.79	0:00	0	0:00	0
544	Year-Round Residence	Participating	326831.48	323868.41	62:11	53	20:07	1207
545	Year-Round Residence	Participating	326855.50	324263.28	153:55	68	45:36	2736
546	Year-Round Residence	Participating	326883.46	324102.57	139:04	73	42:16	2536
547	Year-Round Residence	Participating	326777.70	324555.79	168:47	57	41:05	2465
548	Year-Round Residence	Participating	326766.01	324749.37	210:50	65	55:42	3342
549	Year-Round Residence	Participating	326755.83	324735.43	206:21	61	53:53	3233
550	Year-Round Residence	Participating	326770.44	324724.02	207:59	69	54:19	3259
551	Year-Round Residence	Participating	326697.33	324900.86	194:22	56	51:26	3086
686	Year-Round Residence	Participating	325607.20	325343.89	99:44	68	25:17	1517
702	Year-Round Residence	Participating	325039.86	323785.82	16:53	30	5:18	318
712	Year-Round Residence	Participating	323101.19	324947.77	55:18	49	14:54	894
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0
1157	Year-Round Residence	Participating	323592.20	324735.64	53:37	56	13:47	827
1823	Year-Round Residence	Participating	317745.17	327442.97	10:00	26	2:40	160
1824	Year-Round Residence	Participating	317623.65	327332.85	13:26	30	3:49	229
1839	Year-Round Residence	Participating	316654.10	326940.66	69:35	54	13:56	836
1869	Year-Round Residence	Participating	317522.17	329442.03	57:07	43	12:12	732
1873	Year-Round Residence	Participating	317744.53	327659.68	80:25	51	24:41	1481
1875	Year-Round Residence	Participating	317752.43	327876.06	105:29	52	32:04	1924
1900	Year-Round Residence	Participating	319959.47	327708.91	62:45	47	20:30	1230
2083	Year-Round Residence	Participating	322586.51	326741.39	93:45	93	23:26	1406
2102	Year-Round Residence	Participating	322634.87	326596.24	160:55	95	38:17	2297
2104	Year-Round Residence	Participating	321032.42	326750.48	81:26	41	21:57	1317
2107	Year-Round Residence	Participating	321471.59	326262.36	70:56	50	21:34	1294
2189	Year-Round Residence	Participating	322154.36	324200.45	10:22	25	2:23	143
Summary of Maximum and Minimum Shadow Flicker for Participating Residential Receptors								
548	Year-Round Residence	Participating	326766.01	324749.37	210:50	65	55:42	3342
451	Year-Round Residence	Participating	323137.13	323442.79	0:00	0	0:00	0

Table B-2.d: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
548	Year-Round Residence	Participating	326766.01	324749.37	210:50	65	55:42	3342
550	Year-Round Residence	Participating	326770.44	324724.02	207:59	69	54:19	3259
549	Year-Round Residence	Participating	326755.83	324735.43	206:21	61	53:53	3233
551	Year-Round Residence	Participating	326697.33	324900.86	194:22	56	51:26	3086
545	Year-Round Residence	Participating	326855.50	324263.28	153:55	68	45:36	2736
546	Year-Round Residence	Participating	326883.46	324102.57	139:04	73	42:16	2536
547	Year-Round Residence	Participating	326777.70	324555.79	168:47	57	41:05	2465
2102	Year-Round Residence	Participating	322634.87	326596.24	160:55	95	38:17	2297
1875	Year-Round Residence	Participating	317752.43	327876.06	105:29	52	32:04	1924
686	Year-Round Residence	Participating	325607.20	325343.89	99:44	68	25:17	1517
1873	Year-Round Residence	Participating	317744.53	327659.68	80:25	51	24:41	1481
2083	Year-Round Residence	Participating	322586.51	326741.39	93:45	93	23:26	1406
2104	Year-Round Residence	Participating	321032.42	326750.48	81:26	41	21:57	1317
2107	Year-Round Residence	Participating	321471.59	326262.36	70:56	50	21:34	1294
1900	Year-Round Residence	Participating	319959.47	327708.91	62:45	47	20:30	1230
544	Year-Round Residence	Participating	326831.48	323868.41	62:11	53	20:07	1207
712	Year-Round Residence	Participating	323101.19	324947.77	55:18	49	14:54	894
1839	Year-Round Residence	Participating	316654.10	326940.66	69:35	54	13:56	836
1157	Year-Round Residence	Participating	323592.20	324735.64	53:37	56	13:47	827
1869	Year-Round Residence	Participating	317522.17	329442.03	57:07	43	12:12	732
702	Year-Round Residence	Participating	325039.86	323785.82	16:53	30	5:18	318
1824	Year-Round Residence	Participating	317623.65	327332.85	13:26	30	3:49	229
1823	Year-Round Residence	Participating	317745.17	327442.97	10:00	26	2:40	160
2189	Year-Round Residence	Participating	322154.36	324200.45	10:22	25	2:23	143
451	Year-Round Residence	Participating	323137.13	323442.79	0:00	0	0:00	0
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Residential Receptors								
548	Year-Round Residence	Participating	326766.01	324749.37	210:50	65	55:42	3342
451	Year-Round Residence	Participating	323137.13	323442.79	0:00	0	0:00	0

Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
786	Commercial Structure	Non-Participating	326264.66	322442.15	0:00	0	0:00	0
801	Commercial Structure	Non-Participating	326373.45	322347.58	0:00	0	0:00	0
802	Commercial Structure	Non-Participating	326414.50	322338.51	0:00	0	0:00	0
803	Commercial Structure	Non-Participating	326429.99	322351.13	0:00	0	0:00	0
804	Commercial Structure	Non-Participating	326404.21	322310.72	0:00	0	0:00	0
805	Commercial Structure	Non-Participating	326421.77	322309.42	0:00	0	0:00	0
806	Commercial Structure	Non-Participating	326603.40	321871.81	0:00	0	0:00	0
807	Commercial Structure	Non-Participating	326726.92	321087.38	0:00	0	0:00	0
808	Commercial Structure	Non-Participating	326549.53	321849.80	0:00	0	0:00	0
809	Commercial Structure	Non-Participating	326539.86	321806.30	0:00	0	0:00	0
810	Commercial Structure	Non-Participating	326557.31	321777.19	0:00	0	0:00	0
811	Commercial Structure	Non-Participating	326336.49	320585.70	0:00	0	0:00	0
812	Commercial Structure	Non-Participating	326399.55	320562.53	0:00	0	0:00	0
813	Commercial Structure	Non-Participating	326346.09	320492.51	0:00	0	0:00	0
814	Commercial Structure	Non-Participating	326327.27	320465.91	0:00	0	0:00	0
815	Commercial Structure	Non-Participating	326792.14	320579.84	0:00	0	0:00	0
816	Commercial Structure	Non-Participating	326754.32	320884.85	0:00	0	0:00	0
817	Commercial Structure	Non-Participating	326737.57	321059.58	0:00	0	0:00	0
818	Commercial Structure	Non-Participating	326798.96	321341.16	0:00	0	0:00	0
819	Commercial Structure	Non-Participating	326807.07	321302.28	0:00	0	0:00	0
820	Commercial Structure	Non-Participating	326702.66	321341.20	0:00	0	0:00	0
821	Commercial Structure	Non-Participating	326872.23	322301.65	0:00	0	0:00	0
822	Commercial Structure	Non-Participating	326744.62	322324.43	0:00	0	0:00	0
823	Commercial Structure	Non-Participating	326470.04	322337.65	0:00	0	0:00	0
824	Commercial Structure	Non-Participating	326613.12	322339.93	0:00	0	0:00	0
825	Commercial Structure	Non-Participating	326622.31	322339.94	0:00	0	0:00	0
826	Commercial Structure	Non-Participating	326524.80	322329.06	0:00	0	0:00	0
827	Commercial Structure	Non-Participating	326526.56	322316.82	0:00	0	0:00	0
828	Commercial Structure	Non-Participating	326507.70	322340.68	0:00	0	0:00	0
829	Commercial Structure	Non-Participating	326623.22	322406.58	0:00	0	0:00	0
830	Commercial Structure	Non-Participating	326662.83	322393.05	0:00	0	0:00	0
831	Commercial Structure	Non-Participating	326698.57	322407.78	0:00	0	0:00	0
832	Commercial Structure	Non-Participating	326705.84	322380.11	0:00	0	0:00	0
833	Commercial Structure	Non-Participating	326642.84	322336.01	0:00	0	0:00	0
834	Commercial Structure	Non-Participating	326653.78	322333.81	0:00	0	0:00	0
835	Commercial Structure	Non-Participating	326691.48	322334.94	0:00	0	0:00	0
836	Commercial Structure	Non-Participating	326727.81	322314.44	0:00	0	0:00	0
837	Commercial Structure	Non-Participating	326032.81	322513.18	0:00	0	0:00	0
838	Commercial Structure	Non-Participating	326145.81	322534.20	0:00	0	0:00	0
839	Commercial Structure	Non-Participating	326342.02	322416.46	0:00	0	0:00	0
840	Commercial Structure	Non-Participating	326350.14	322438.44	0:00	0	0:00	0
841	Commercial Structure	Non-Participating	326469.70	322441.45	0:00	0	0:00	0



Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
842	Commercial Structure	Non-Participating	326376.45	322564.00	0:00	0	0:00	0
843	Commercial Structure	Non-Participating	325759.82	323322.37	0:00	0	0:00	0
844	Commercial Structure	Non-Participating	325740.19	323337.00	0:00	0	0:00	0
845	Commercial Structure	Non-Participating	326753.76	322380.97	0:00	0	0:00	0
846	Commercial Structure	Non-Participating	326842.61	322368.55	0:00	0	0:00	0
847	Commercial Structure	Non-Participating	326909.27	322383.24	0:00	0	0:00	0
848	Commercial Structure	Non-Participating	327096.33	323214.71	0:00	0	0:00	0
849	Commercial Structure	Non-Participating	326918.38	323142.80	0:00	0	0:00	0
850	Commercial Structure	Non-Participating	325668.01	322435.87	0:00	0	0:00	0
851	Commercial Structure	Non-Participating	325458.73	322571.29	0:00	0	0:00	0
852	Commercial Structure	Non-Participating	324850.73	322721.32	0:00	0	0:00	0
853	Commercial Structure	Non-Participating	329943.46	322692.19	0:00	0	0:00	0
854	Commercial Structure	Non-Participating	330223.72	324046.85	0:00	0	0:00	0
855	Commercial Structure	Non-Participating	330195.71	324002.07	0:00	0	0:00	0
856	Commercial Structure	Non-Participating	329907.28	325246.13	0:00	0	0:00	0
857	Commercial Structure	Non-Participating	329917.99	325197.62	0:00	0	0:00	0
858	Commercial Structure	Non-Participating	330577.78	324980.78	0:00	0	0:00	0
859	Commercial Structure	Non-Participating	328710.70	325353.49	11:44	27	2:51	171
860	Commercial Structure	Non-Participating	328756.72	325324.20	10:59	26	2:43	163
861	Commercial Structure	Non-Participating	328653.44	325408.38	12:30	28	2:57	177
862	Commercial Structure	Non-Participating	328675.56	325406.89	12:20	27	2:55	175
867	Commercial Structure	Non-Participating	327596.29	325488.73	25:36	47	3:34	214
868	Commercial Structure	Non-Participating	327979.96	326127.99	0:00	0	0:00	0
869	Commercial Structure	Non-Participating	328439.34	322877.77	0:00	0	0:00	0
870	Commercial Structure	Non-Participating	328882.40	327283.22	0:00	0	0:00	0
871	Commercial Structure	Non-Participating	328117.17	327710.65	0:00	0	0:00	0
872	Commercial Structure	Non-Participating	327896.27	327050.13	0:00	0	0:00	0
873	Commercial Structure	Non-Participating	327869.74	327131.21	0:00	0	0:00	0
874	Commercial Structure	Non-Participating	327840.67	326878.11	0:00	0	0:00	0
875	Commercial Structure	Non-Participating	327924.85	327031.61	0:00	0	0:00	0
876	Commercial Structure	Non-Participating	327824.72	327032.53	0:00	0	0:00	0
877	Commercial Structure	Non-Participating	327834.39	327014.23	0:00	0	0:00	0
879	Commercial Structure	Non-Participating	325821.88	326863.09	0:00	0	0:00	0
880	Commercial Structure	Non-Participating	325860.85	326827.94	0:00	0	0:00	0
881	Commercial Structure	Non-Participating	325203.08	326885.94	0:00	0	0:00	0
882	Commercial Structure	Non-Participating	325255.52	326965.72	0:00	0	0:00	0
883	Commercial Structure	Non-Participating	325194.43	326807.16	0:00	0	0:00	0
884	Commercial Structure	Non-Participating	325264.53	326847.48	0:00	0	0:00	0
885	Commercial Structure	Non-Participating	324639.52	328386.11	0:00	0	0:00	0
886	Commercial Structure	Non-Participating	324599.84	327424.06	12:32	25	2:14	134
887	Commercial Structure	Non-Participating	324647.98	327382.79	11:11	24	2:10	130
888	Commercial Structure	Non-Participating	324680.40	327408.17	0:00	0	0:00	0

Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
889	Commercial Structure	Non-Participating	324684.55	327361.27	0:00	0	0:00	0
890	Commercial Structure	Non-Participating	324559.88	327442.96	13:45	25	2:22	142
895	Commercial Structure	Non-Participating	322899.49	326164.75	69:17	44	22:10	1330
896	Commercial Structure	Non-Participating	323108.08	325529.65	29:41	35	5:28	328
908	Commercial Structure	Non-Participating	326886.97	324041.92	79:28	55	24:00	1440
909	Commercial Structure	Non-Participating	328315.41	323063.47	0:00	0	0:00	0
963	Commercial Structure	Non-Participating	325967.74	322498.16	0:00	0	0:00	0
964	Commercial Structure	Non-Participating	325980.82	322484.18	0:00	0	0:00	0
1049	Commercial Structure	Non-Participating	328125.66	325163.84	57:41	48	13:13	793
1059	Commercial Structure	Non-Participating	326784.08	325417.44	71:57	45	15:32	932
1060	Commercial Structure	Non-Participating	326760.74	325408.08	69:35	44	15:25	925
1061	Commercial Structure	Non-Participating	326756.94	325438.92	71:27	43	15:12	912
1091	Commercial Structure	Non-Participating	326254.60	326996.09	0:00	0	0:00	0
1092	Commercial Structure	Non-Participating	326224.07	327002.47	0:00	0	0:00	0
1150	Commercial Structure	Non-Participating	328143.81	325119.83	66:12	48	14:59	899
1184	Commercial Structure	Non-Participating	313440.44	327280.88	0:00	0	0:00	0
1185	Commercial Structure	Non-Participating	313466.59	327293.46	0:00	0	0:00	0
1186	Commercial Structure	Non-Participating	313875.09	328028.41	0:00	0	0:00	0
1187	Commercial Structure	Non-Participating	313829.70	328062.45	0:00	0	0:00	0
1188	Commercial Structure	Non-Participating	313761.74	329753.26	0:00	0	0:00	0
1189	Commercial Structure	Non-Participating	313729.73	329837.71	0:00	0	0:00	0
1190	Commercial Structure	Non-Participating	314929.54	330726.91	0:00	0	0:00	0
1191	Commercial Structure	Non-Participating	315060.14	330720.79	0:00	0	0:00	0
1192	Commercial Structure	Non-Participating	315658.34	331965.19	0:00	0	0:00	0
1193	Commercial Structure	Non-Participating	316935.91	332273.03	0:00	0	0:00	0
1194	Commercial Structure	Non-Participating	316947.95	332422.86	0:00	0	0:00	0
1195	Commercial Structure	Non-Participating	316169.44	332965.45	0:00	0	0:00	0
1196	Commercial Structure	Non-Participating	316758.90	332876.22	0:00	0	0:00	0
1197	Commercial Structure	Non-Participating	317197.05	333339.40	0:00	0	0:00	0
1198	Commercial Structure	Non-Participating	317174.52	332854.00	0:00	0	0:00	0
1199	Commercial Structure	Non-Participating	316386.66	332488.33	0:00	0	0:00	0
1200	Commercial Structure	Non-Participating	316519.11	332189.24	0:00	0	0:00	0
1201	Commercial Structure	Non-Participating	317054.67	332356.94	0:00	0	0:00	0
1202	Commercial Structure	Non-Participating	317497.42	332389.27	0:00	0	0:00	0
1203	Commercial Structure	Non-Participating	317129.72	332005.52	0:00	0	0:00	0
1205	Commercial Structure	Non-Participating	316552.94	331350.55	0:00	0	0:00	0
1206	Commercial Structure	Non-Participating	318548.81	333570.65	0:00	0	0:00	0
1207	Commercial Structure	Non-Participating	318550.86	333520.27	0:00	0	0:00	0
1208	Commercial Structure	Non-Participating	318757.04	333535.63	0:00	0	0:00	0
1209	Commercial Structure	Non-Participating	318798.66	333529.18	0:00	0	0:00	0
1210	Commercial Structure	Non-Participating	317665.63	333371.85	0:00	0	0:00	0
1211	Commercial Structure	Non-Participating	317574.33	333443.39	0:00	0	0:00	0

Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1212	Commercial Structure	Non-Participating	317577.64	333567.28	0:00	0	0:00	0
1213	Commercial Structure	Non-Participating	319043.12	332018.21	0:00	0	0:00	0
1214	Commercial Structure	Non-Participating	318984.47	331982.38	0:00	0	0:00	0
1215	Commercial Structure	Non-Participating	319043.72	331989.19	0:00	0	0:00	0
1216	Commercial Structure	Non-Participating	318829.00	331235.83	0:00	0	0:00	0
1217	Commercial Structure	Non-Participating	318930.79	331010.26	0:00	0	0:00	0
1218	Commercial Structure	Non-Participating	318521.86	331385.19	0:00	0	0:00	0
1219	Commercial Structure	Non-Participating	316990.07	331355.74	0:00	0	0:00	0
1220	Commercial Structure	Non-Participating	317153.31	330927.47	0:00	0	0:00	0
1221	Commercial Structure	Non-Participating	316516.58	330767.62	0:00	0	0:00	0
1222	Commercial Structure	Non-Participating	317197.42	330681.04	0:00	0	0:00	0
1223	Commercial Structure	Non-Participating	317170.45	330328.82	0:00	0	0:00	0
1225	Commercial Structure	Non-Participating	314911.41	328530.07	15:58	26	2:59	179
1226	Commercial Structure	Non-Participating	315043.72	328781.92	12:56	24	2:03	123
1227	Commercial Structure	Non-Participating	314934.15	329075.60	0:00	0	0:00	0
1228	Commercial Structure	Non-Participating	314955.60	329149.14	0:00	0	0:00	0
1229	Commercial Structure	Non-Participating	314939.80	329460.45	0:00	0	0:00	0
1230	Commercial Structure	Non-Participating	314927.75	329518.35	0:00	0	0:00	0
1231	Commercial Structure	Non-Participating	314825.55	327739.02	13:05	27	4:01	241
1232	Commercial Structure	Non-Participating	314653.97	327784.84	9:57	24	2:58	178
1233	Commercial Structure	Non-Participating	314753.06	327794.03	11:22	26	3:24	204
1234	Commercial Structure	Non-Participating	314711.99	327778.39	10:46	25	3:14	194
1235	Commercial Structure	Non-Participating	315454.87	327175.91	19:13	33	5:56	356
1236	Commercial Structure	Non-Participating	315475.05	327212.91	19:26	33	5:57	357
1237	Commercial Structure	Non-Participating	315405.37	327147.26	17:50	32	5:32	332
1238	Commercial Structure	Non-Participating	315170.59	325499.32	0:00	0	0:00	0
1239	Commercial Structure	Non-Participating	314348.20	324591.35	0:00	0	0:00	0
1240	Commercial Structure	Non-Participating	315314.13	324313.46	0:00	0	0:00	0
1241	Commercial Structure	Non-Participating	315349.01	324311.26	0:00	0	0:00	0
1242	Commercial Structure	Non-Participating	315390.10	324283.71	0:00	0	0:00	0
1243	Commercial Structure	Non-Participating	315428.70	324266.54	0:00	0	0:00	0
1244	Commercial Structure	Non-Participating	315476.27	324367.27	0:00	0	0:00	0
1245	Commercial Structure	Non-Participating	315542.15	324354.33	0:00	0	0:00	0
1246	Commercial Structure	Non-Participating	315543.10	324285.40	0:00	0	0:00	0
1247	Commercial Structure	Non-Participating	315844.26	324258.42	0:00	0	0:00	0
1248	Commercial Structure	Non-Participating	315843.30	324326.60	0:00	0	0:00	0
1249	Commercial Structure	Non-Participating	315918.14	324134.88	0:00	0	0:00	0
1250	Commercial Structure	Non-Participating	316135.11	323349.77	0:00	0	0:00	0
1251	Commercial Structure	Non-Participating	315371.50	323262.12	0:00	0	0:00	0
1252	Commercial Structure	Non-Participating	317400.15	323519.27	0:00	0	0:00	0
1253	Commercial Structure	Non-Participating	317118.13	322733.94	0:00	0	0:00	0
1254	Commercial Structure	Non-Participating	317125.92	322799.87	0:00	0	0:00	0

Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1257	Commercial Structure	Non-Participating	316791.17	328255.40	38:09	43	7:01	421
1258	Commercial Structure	Non-Participating	317913.19	329508.76	137:40	91	25:59	1559
1259	Commercial Structure	Non-Participating	319716.61	328291.80	113:53	54	23:33	1413
1260	Commercial Structure	Non-Participating	319529.03	328095.53	264:40	88	59:11	3551
1261	Commercial Structure	Non-Participating	318730.50	326926.95	19:01	24	3:12	192
1262	Commercial Structure	Non-Participating	320700.29	331210.19	0:00	0	0:00	0
1263	Commercial Structure	Non-Participating	319738.61	331519.96	0:00	0	0:00	0
1264	Commercial Structure	Non-Participating	319904.31	332434.29	0:00	0	0:00	0
1265	Commercial Structure	Non-Participating	321173.65	329286.32	0:00	0	0:00	0
1266	Commercial Structure	Non-Participating	323278.07	329951.57	0:00	0	0:00	0
1267	Commercial Structure	Non-Participating	323707.57	329330.15	0:00	0	0:00	0
1268	Commercial Structure	Non-Participating	324679.73	328352.22	0:00	0	0:00	0
1269	Commercial Structure	Non-Participating	323395.26	327982.27	0:00	0	0:00	0
1270	Commercial Structure	Non-Participating	323084.83	328686.47	0:00	0	0:00	0
1271	Commercial Structure	Non-Participating	323080.35	328736.99	0:00	0	0:00	0
1272	Commercial Structure	Non-Participating	323039.78	329283.93	0:00	0	0:00	0
1273	Commercial Structure	Non-Participating	322020.22	327682.87	0:00	0	0:00	0
1274	Commercial Structure	Non-Participating	322047.77	327725.22	0:00	0	0:00	0
1279	Commercial Structure	Non-Participating	320968.73	326553.80	112:38	50	34:41	2081
1280	Commercial Structure	Non-Participating	321254.53	325534.53	0:00	0	0:00	0
1281	Commercial Structure	Non-Participating	321221.18	325581.55	1:08	8	0:20	20
1282	Commercial Structure	Non-Participating	321149.23	325508.01	14:43	24	5:01	301
1284	Commercial Structure	Non-Participating	320397.03	325135.64	0:00	0	0:00	0
1285	Commercial Structure	Non-Participating	318552.58	323442.70	0:00	0	0:00	0
1287	Commercial Structure	Non-Participating	322320.89	320900.09	0:00	0	0:00	0
1288	Commercial Structure	Non-Participating	322369.45	320902.64	0:00	0	0:00	0
1492	Commercial Structure	Non-Participating	313894.23	327969.57	0:00	0	0:00	0
1527	Commercial Structure	Non-Participating	315658.45	332008.55	0:00	0	0:00	0
1627	Commercial Structure	Non-Participating	314945.39	329533.34	0:00	0	0:00	0
1987	Commercial Structure	Non-Participating	323098.47	329854.20	0:00	0	0:00	0
2206	Commercial Structure	Non-Participating	317327.51	323518.52	0:00	0	0:00	0
2208	Commercial Structure	Non-Participating	320100.68	321879.73	0:00	0	0:00	0
2213	Commercial Structure	Non-Participating	323193.95	320263.88	0:00	0	0:00	0
2216	Commercial Structure	Non-Participating	321249.84	322604.17	0:00	0	0:00	0
2217	Commercial Structure	Non-Participating	322343.19	320869.37	0:00	0	0:00	0
2229	Commercial Structure	Non-Participating	315921.17	324146.19	0:00	0	0:00	0
2230	Commercial Structure	Non-Participating	316975.16	322730.67	0:00	0	0:00	0
2240	Commercial Structure	Non-Participating	315969.51	324133.00	0:00	0	0:00	0
2243	Commercial Structure	Non-Participating	315914.55	324121.56	0:00	0	0:00	0
2251	Commercial Structure	Non-Participating	315896.11	324135.52	0:00	0	0:00	0
2257	Commercial Structure	Non-Participating	320099.24	321915.01	0:00	0	0:00	0
2258	Commercial Structure	Non-Participating	315364.83	323338.76	0:00	0	0:00	0

**Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108**

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2270	Commercial Structure	Non-Participating	315430.40	323269.90	0:00	0	0:00	0
2286	Commercial Structure	Non-Participating	315437.58	323321.57	0:00	0	0:00	0
2293	Commercial Structure	Non-Participating	319039.77	327028.97	6:25	18	1:36	96
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Commercial Receptors								
1260	Commercial Structure	Non-Participating	319529.03	328095.53	264:40	88	59:11	3551
786	Commercial Structure	Non-Participating	326264.66	322442.15	0:00	0	0:00	0

Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1260	Commercial Structure	Non-Participating	319529.03	328095.53	264:40	88	59:11	3551
1279	Commercial Structure	Non-Participating	320968.73	326553.80	112:38	50	34:41	2081
1258	Commercial Structure	Non-Participating	317913.19	329508.76	137:40	91	25:59	1559
908	Commercial Structure	Non-Participating	326886.97	324041.92	79:28	55	24:00	1440
1259	Commercial Structure	Non-Participating	319716.61	328291.80	113:53	54	23:33	1413
895	Commercial Structure	Non-Participating	322899.49	326164.75	69:17	44	22:10	1330
1059	Commercial Structure	Non-Participating	326784.08	325417.44	71:57	45	15:32	932
1060	Commercial Structure	Non-Participating	326760.74	325408.08	69:35	44	15:25	925
1061	Commercial Structure	Non-Participating	326756.94	325438.92	71:27	43	15:12	912
1150	Commercial Structure	Non-Participating	328143.81	325119.83	66:12	48	14:59	899
1049	Commercial Structure	Non-Participating	328125.66	325163.84	57:41	48	13:13	793
1257	Commercial Structure	Non-Participating	316791.17	328255.40	38:09	43	7:01	421
1236	Commercial Structure	Non-Participating	315475.05	327212.91	19:26	33	5:57	357
1235	Commercial Structure	Non-Participating	315454.87	327175.91	19:13	33	5:56	356
1237	Commercial Structure	Non-Participating	315405.37	327147.26	17:50	32	5:32	332
896	Commercial Structure	Non-Participating	323108.08	325529.65	29:41	35	5:28	328
1282	Commercial Structure	Non-Participating	321149.23	325508.01	14:43	24	5:01	301
1231	Commercial Structure	Non-Participating	314825.55	327739.02	13:05	27	4:01	241
867	Commercial Structure	Non-Participating	327596.29	325488.73	25:36	47	3:34	214
1233	Commercial Structure	Non-Participating	314753.06	327794.03	11:22	26	3:24	204
1234	Commercial Structure	Non-Participating	314711.99	327778.39	10:46	25	3:14	194
1261	Commercial Structure	Non-Participating	318730.50	326926.95	19:01	24	3:12	192
1225	Commercial Structure	Non-Participating	314911.41	328530.07	15:58	26	2:59	179
1232	Commercial Structure	Non-Participating	314653.97	327784.84	9:57	24	2:58	178
861	Commercial Structure	Non-Participating	328653.44	325408.38	12:30	28	2:57	177
862	Commercial Structure	Non-Participating	328675.56	325406.89	12:20	27	2:55	175
859	Commercial Structure	Non-Participating	328710.70	325353.49	11:44	27	2:51	171
860	Commercial Structure	Non-Participating	328756.72	325324.20	10:59	26	2:43	163
890	Commercial Structure	Non-Participating	324559.88	327442.96	13:45	25	2:22	142
886	Commercial Structure	Non-Participating	324599.84	327424.06	12:32	25	2:14	134
887	Commercial Structure	Non-Participating	324647.98	327382.79	11:11	24	2:10	130
1226	Commercial Structure	Non-Participating	315043.72	328781.92	12:56	24	2:03	123
2293	Commercial Structure	Non-Participating	319039.77	327028.97	6:25	18	1:36	96
1281	Commercial Structure	Non-Participating	321221.18	325581.55	1:08	8	0:20	20
1280	Commercial Structure	Non-Participating	321254.53	325534.53	0:00	0	0:00	0
889	Commercial Structure	Non-Participating	324684.55	327361.27	0:00	0	0:00	0
888	Commercial Structure	Non-Participating	324680.40	327408.17	0:00	0	0:00	0
786	Commercial Structure	Non-Participating	326264.66	322442.15	0:00	0	0:00	0
801	Commercial Structure	Non-Participating	326373.45	322347.58	0:00	0	0:00	0
802	Commercial Structure	Non-Participating	326414.50	322338.51	0:00	0	0:00	0
803	Commercial Structure	Non-Participating	326429.99	322351.13	0:00	0	0:00	0
804	Commercial Structure	Non-Participating	326404.21	322310.72	0:00	0	0:00	0

Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
805	Commercial Structure	Non-Participating	326421.77	322309.42	0:00	0	0:00	0
806	Commercial Structure	Non-Participating	326603.40	321871.81	0:00	0	0:00	0
807	Commercial Structure	Non-Participating	326726.92	321087.38	0:00	0	0:00	0
808	Commercial Structure	Non-Participating	326549.53	321849.80	0:00	0	0:00	0
809	Commercial Structure	Non-Participating	326539.86	321806.30	0:00	0	0:00	0
810	Commercial Structure	Non-Participating	326557.31	321777.19	0:00	0	0:00	0
811	Commercial Structure	Non-Participating	326336.49	320585.70	0:00	0	0:00	0
812	Commercial Structure	Non-Participating	326399.55	320562.53	0:00	0	0:00	0
813	Commercial Structure	Non-Participating	326346.09	320492.51	0:00	0	0:00	0
814	Commercial Structure	Non-Participating	326327.27	320465.91	0:00	0	0:00	0
815	Commercial Structure	Non-Participating	326792.14	320579.84	0:00	0	0:00	0
816	Commercial Structure	Non-Participating	326754.32	320884.85	0:00	0	0:00	0
817	Commercial Structure	Non-Participating	326737.57	321059.58	0:00	0	0:00	0
818	Commercial Structure	Non-Participating	326798.96	321341.16	0:00	0	0:00	0
819	Commercial Structure	Non-Participating	326807.07	321302.28	0:00	0	0:00	0
820	Commercial Structure	Non-Participating	326702.66	321341.20	0:00	0	0:00	0
821	Commercial Structure	Non-Participating	326872.23	322301.65	0:00	0	0:00	0
822	Commercial Structure	Non-Participating	326744.62	322324.43	0:00	0	0:00	0
823	Commercial Structure	Non-Participating	326470.04	322337.65	0:00	0	0:00	0
824	Commercial Structure	Non-Participating	326613.12	322339.93	0:00	0	0:00	0
825	Commercial Structure	Non-Participating	326622.31	322339.94	0:00	0	0:00	0
826	Commercial Structure	Non-Participating	326524.80	322329.06	0:00	0	0:00	0
827	Commercial Structure	Non-Participating	326526.56	322316.82	0:00	0	0:00	0
828	Commercial Structure	Non-Participating	326507.70	322340.68	0:00	0	0:00	0
829	Commercial Structure	Non-Participating	326623.22	322406.58	0:00	0	0:00	0
830	Commercial Structure	Non-Participating	326662.83	322393.05	0:00	0	0:00	0
831	Commercial Structure	Non-Participating	326698.57	322407.78	0:00	0	0:00	0
832	Commercial Structure	Non-Participating	326705.84	322380.11	0:00	0	0:00	0
833	Commercial Structure	Non-Participating	326642.84	322336.01	0:00	0	0:00	0
834	Commercial Structure	Non-Participating	326653.78	322333.81	0:00	0	0:00	0
835	Commercial Structure	Non-Participating	326691.48	322334.94	0:00	0	0:00	0
836	Commercial Structure	Non-Participating	326727.81	322314.44	0:00	0	0:00	0
837	Commercial Structure	Non-Participating	326032.81	322513.18	0:00	0	0:00	0
838	Commercial Structure	Non-Participating	326145.81	322534.20	0:00	0	0:00	0
839	Commercial Structure	Non-Participating	326342.02	322416.46	0:00	0	0:00	0
840	Commercial Structure	Non-Participating	326350.14	322438.44	0:00	0	0:00	0
841	Commercial Structure	Non-Participating	326469.70	322441.45	0:00	0	0:00	0
842	Commercial Structure	Non-Participating	326376.45	322564.00	0:00	0	0:00	0
843	Commercial Structure	Non-Participating	325759.82	323322.37	0:00	0	0:00	0
844	Commercial Structure	Non-Participating	325740.19	323337.00	0:00	0	0:00	0
845	Commercial Structure	Non-Participating	326753.76	322380.97	0:00	0	0:00	0
846	Commercial Structure	Non-Participating	326842.61	322368.55	0:00	0	0:00	0

Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
847	Commercial Structure	Non-Participating	326909.27	322383.24	0:00	0	0:00	0
848	Commercial Structure	Non-Participating	327096.33	323214.71	0:00	0	0:00	0
849	Commercial Structure	Non-Participating	326918.38	323142.80	0:00	0	0:00	0
850	Commercial Structure	Non-Participating	325668.01	322435.87	0:00	0	0:00	0
851	Commercial Structure	Non-Participating	325458.73	322571.29	0:00	0	0:00	0
852	Commercial Structure	Non-Participating	324850.73	322721.32	0:00	0	0:00	0
853	Commercial Structure	Non-Participating	329943.46	322692.19	0:00	0	0:00	0
854	Commercial Structure	Non-Participating	330223.72	324046.85	0:00	0	0:00	0
855	Commercial Structure	Non-Participating	330195.71	324002.07	0:00	0	0:00	0
856	Commercial Structure	Non-Participating	329907.28	325246.13	0:00	0	0:00	0
857	Commercial Structure	Non-Participating	329917.99	325197.62	0:00	0	0:00	0
858	Commercial Structure	Non-Participating	330577.78	324980.78	0:00	0	0:00	0
868	Commercial Structure	Non-Participating	327979.96	326127.99	0:00	0	0:00	0
869	Commercial Structure	Non-Participating	328439.34	322877.77	0:00	0	0:00	0
870	Commercial Structure	Non-Participating	328882.40	327283.22	0:00	0	0:00	0
871	Commercial Structure	Non-Participating	328117.17	327710.65	0:00	0	0:00	0
872	Commercial Structure	Non-Participating	327896.27	327050.13	0:00	0	0:00	0
873	Commercial Structure	Non-Participating	327869.74	327131.21	0:00	0	0:00	0
874	Commercial Structure	Non-Participating	327840.67	326878.11	0:00	0	0:00	0
875	Commercial Structure	Non-Participating	327924.85	327031.61	0:00	0	0:00	0
876	Commercial Structure	Non-Participating	327824.72	327032.53	0:00	0	0:00	0
877	Commercial Structure	Non-Participating	327834.39	327014.23	0:00	0	0:00	0
879	Commercial Structure	Non-Participating	325821.88	326863.09	0:00	0	0:00	0
880	Commercial Structure	Non-Participating	325860.85	326827.94	0:00	0	0:00	0
881	Commercial Structure	Non-Participating	325203.08	326885.94	0:00	0	0:00	0
882	Commercial Structure	Non-Participating	325255.52	326965.72	0:00	0	0:00	0
883	Commercial Structure	Non-Participating	325194.43	326807.16	0:00	0	0:00	0
884	Commercial Structure	Non-Participating	325264.53	326847.48	0:00	0	0:00	0
885	Commercial Structure	Non-Participating	324639.52	328386.11	0:00	0	0:00	0
909	Commercial Structure	Non-Participating	328315.41	323063.47	0:00	0	0:00	0
963	Commercial Structure	Non-Participating	325967.74	322498.16	0:00	0	0:00	0
964	Commercial Structure	Non-Participating	325980.82	322484.18	0:00	0	0:00	0
1091	Commercial Structure	Non-Participating	326254.60	326996.09	0:00	0	0:00	0
1092	Commercial Structure	Non-Participating	326224.07	327002.47	0:00	0	0:00	0
1184	Commercial Structure	Non-Participating	313440.44	327280.88	0:00	0	0:00	0
1185	Commercial Structure	Non-Participating	313466.59	327293.46	0:00	0	0:00	0
1186	Commercial Structure	Non-Participating	313875.09	328028.41	0:00	0	0:00	0
1187	Commercial Structure	Non-Participating	313829.70	328062.45	0:00	0	0:00	0
1188	Commercial Structure	Non-Participating	313761.74	329753.26	0:00	0	0:00	0
1189	Commercial Structure	Non-Participating	313729.73	329837.71	0:00	0	0:00	0
1190	Commercial Structure	Non-Participating	314929.54	330726.91	0:00	0	0:00	0
1191	Commercial Structure	Non-Participating	315060.14	330720.79	0:00	0	0:00	0



Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1192	Commercial Structure	Non-Participating	315658.34	331965.19	0:00	0	0:00	0
1193	Commercial Structure	Non-Participating	316935.91	332273.03	0:00	0	0:00	0
1194	Commercial Structure	Non-Participating	316947.95	332422.86	0:00	0	0:00	0
1195	Commercial Structure	Non-Participating	316169.44	332965.45	0:00	0	0:00	0
1196	Commercial Structure	Non-Participating	316758.90	332876.22	0:00	0	0:00	0
1197	Commercial Structure	Non-Participating	317197.05	333339.40	0:00	0	0:00	0
1198	Commercial Structure	Non-Participating	317174.52	332854.00	0:00	0	0:00	0
1199	Commercial Structure	Non-Participating	316386.66	332488.33	0:00	0	0:00	0
1200	Commercial Structure	Non-Participating	316519.11	332189.24	0:00	0	0:00	0
1201	Commercial Structure	Non-Participating	317054.67	332356.94	0:00	0	0:00	0
1202	Commercial Structure	Non-Participating	317497.42	332389.27	0:00	0	0:00	0
1203	Commercial Structure	Non-Participating	317129.72	332005.52	0:00	0	0:00	0
1205	Commercial Structure	Non-Participating	316552.94	331350.55	0:00	0	0:00	0
1206	Commercial Structure	Non-Participating	318548.81	333570.65	0:00	0	0:00	0
1207	Commercial Structure	Non-Participating	318550.86	333520.27	0:00	0	0:00	0
1208	Commercial Structure	Non-Participating	318757.04	333535.63	0:00	0	0:00	0
1209	Commercial Structure	Non-Participating	318798.66	333529.18	0:00	0	0:00	0
1210	Commercial Structure	Non-Participating	317665.63	333371.85	0:00	0	0:00	0
1211	Commercial Structure	Non-Participating	317574.33	333443.39	0:00	0	0:00	0
1212	Commercial Structure	Non-Participating	317577.64	333567.28	0:00	0	0:00	0
1213	Commercial Structure	Non-Participating	319043.12	332018.21	0:00	0	0:00	0
1214	Commercial Structure	Non-Participating	318984.47	331982.38	0:00	0	0:00	0
1215	Commercial Structure	Non-Participating	319043.72	331989.19	0:00	0	0:00	0
1216	Commercial Structure	Non-Participating	318829.00	331235.83	0:00	0	0:00	0
1217	Commercial Structure	Non-Participating	318930.79	331010.26	0:00	0	0:00	0
1218	Commercial Structure	Non-Participating	318521.86	331385.19	0:00	0	0:00	0
1219	Commercial Structure	Non-Participating	316990.07	331355.74	0:00	0	0:00	0
1220	Commercial Structure	Non-Participating	317153.31	330927.47	0:00	0	0:00	0
1221	Commercial Structure	Non-Participating	316516.58	330767.62	0:00	0	0:00	0
1222	Commercial Structure	Non-Participating	317197.42	330681.04	0:00	0	0:00	0
1223	Commercial Structure	Non-Participating	317170.45	330328.82	0:00	0	0:00	0
1227	Commercial Structure	Non-Participating	314934.15	329075.60	0:00	0	0:00	0
1228	Commercial Structure	Non-Participating	314955.60	329149.14	0:00	0	0:00	0
1229	Commercial Structure	Non-Participating	314939.80	329460.45	0:00	0	0:00	0
1230	Commercial Structure	Non-Participating	314927.75	329518.35	0:00	0	0:00	0
1238	Commercial Structure	Non-Participating	315170.59	325499.32	0:00	0	0:00	0
1239	Commercial Structure	Non-Participating	314348.20	324591.35	0:00	0	0:00	0
1240	Commercial Structure	Non-Participating	315314.13	324313.46	0:00	0	0:00	0
1241	Commercial Structure	Non-Participating	315349.01	324311.26	0:00	0	0:00	0
1242	Commercial Structure	Non-Participating	315390.10	324283.71	0:00	0	0:00	0
1243	Commercial Structure	Non-Participating	315428.70	324266.54	0:00	0	0:00	0
1244	Commercial Structure	Non-Participating	315476.27	324367.27	0:00	0	0:00	0

Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1245	Commercial Structure	Non-Participating	315542.15	324354.33	0:00	0	0:00	0
1246	Commercial Structure	Non-Participating	315543.10	324285.40	0:00	0	0:00	0
1247	Commercial Structure	Non-Participating	315844.26	324258.42	0:00	0	0:00	0
1248	Commercial Structure	Non-Participating	315843.30	324326.60	0:00	0	0:00	0
1249	Commercial Structure	Non-Participating	315918.14	324134.88	0:00	0	0:00	0
1250	Commercial Structure	Non-Participating	316135.11	323349.77	0:00	0	0:00	0
1251	Commercial Structure	Non-Participating	315371.50	323262.12	0:00	0	0:00	0
1252	Commercial Structure	Non-Participating	317400.15	323519.27	0:00	0	0:00	0
1253	Commercial Structure	Non-Participating	317118.13	322733.94	0:00	0	0:00	0
1254	Commercial Structure	Non-Participating	317125.92	322799.87	0:00	0	0:00	0
1262	Commercial Structure	Non-Participating	320700.29	331210.19	0:00	0	0:00	0
1263	Commercial Structure	Non-Participating	319738.61	331519.96	0:00	0	0:00	0
1264	Commercial Structure	Non-Participating	319904.31	332434.29	0:00	0	0:00	0
1265	Commercial Structure	Non-Participating	321173.65	329286.32	0:00	0	0:00	0
1266	Commercial Structure	Non-Participating	323278.07	329951.57	0:00	0	0:00	0
1267	Commercial Structure	Non-Participating	323707.57	329330.15	0:00	0	0:00	0
1268	Commercial Structure	Non-Participating	324679.73	328352.22	0:00	0	0:00	0
1269	Commercial Structure	Non-Participating	323395.26	327982.27	0:00	0	0:00	0
1270	Commercial Structure	Non-Participating	323084.83	328686.47	0:00	0	0:00	0
1271	Commercial Structure	Non-Participating	323080.35	328736.99	0:00	0	0:00	0
1272	Commercial Structure	Non-Participating	323039.78	329283.93	0:00	0	0:00	0
1273	Commercial Structure	Non-Participating	322020.22	327682.87	0:00	0	0:00	0
1274	Commercial Structure	Non-Participating	322047.77	327725.22	0:00	0	0:00	0
1284	Commercial Structure	Non-Participating	320397.03	325135.64	0:00	0	0:00	0
1285	Commercial Structure	Non-Participating	318552.58	323442.70	0:00	0	0:00	0
1287	Commercial Structure	Non-Participating	322320.89	320900.09	0:00	0	0:00	0
1288	Commercial Structure	Non-Participating	322369.45	320902.64	0:00	0	0:00	0
1492	Commercial Structure	Non-Participating	313894.23	327969.57	0:00	0	0:00	0
1527	Commercial Structure	Non-Participating	315658.45	332008.55	0:00	0	0:00	0
1627	Commercial Structure	Non-Participating	314945.39	329533.34	0:00	0	0:00	0
1987	Commercial Structure	Non-Participating	323098.47	329854.20	0:00	0	0:00	0
2206	Commercial Structure	Non-Participating	317327.51	323518.52	0:00	0	0:00	0
2208	Commercial Structure	Non-Participating	320100.68	321879.73	0:00	0	0:00	0
2213	Commercial Structure	Non-Participating	323193.95	320263.88	0:00	0	0:00	0
2216	Commercial Structure	Non-Participating	321249.84	322604.17	0:00	0	0:00	0
2217	Commercial Structure	Non-Participating	322343.19	320869.37	0:00	0	0:00	0
2229	Commercial Structure	Non-Participating	315921.17	324146.19	0:00	0	0:00	0
2230	Commercial Structure	Non-Participating	316975.16	322730.67	0:00	0	0:00	0
2240	Commercial Structure	Non-Participating	315969.51	324133.00	0:00	0	0:00	0
2243	Commercial Structure	Non-Participating	315914.55	324121.56	0:00	0	0:00	0
2251	Commercial Structure	Non-Participating	315896.11	324135.52	0:00	0	0:00	0
2257	Commercial Structure	Non-Participating	320099.24	321915.01	0:00	0	0:00	0

**Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108**

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2258	Commercial Structure	Non-Participating	315364.83	323338.76	0:00	0	0:00	0
2270	Commercial Structure	Non-Participating	315430.40	323269.90	0:00	0	0:00	0
2286	Commercial Structure	Non-Participating	315437.58	323321.57	0:00	0	0:00	0
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Commercial Receptors								
<b>1260</b>	<b>Commercial Structure</b>	<b>Non-Participating</b>	<b>319529.03</b>	<b>328095.53</b>	<b>264:40</b>	<b>88</b>	<b>59:11</b>	<b>3551</b>
<b>1280</b>	<b>Commercial Structure</b>	<b>Non-Participating</b>	<b>321254.53</b>	<b>325534.53</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-2.g: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
863	Commercial Structure	Participating	326938.34	324133.53	148:09	82	45:12	2712
864	Commercial Structure	Participating	326936.63	324109.24	122:34	77	37:19	2239
865	Commercial Structure	Participating	326890.63	324202.23	182:15	74	55:31	3331
866	Commercial Structure	Participating	326722.74	324654.27	173:53	61	46:46	2806
891	Commercial Structure	Participating	325020.34	323873.12	15:09	29	4:43	283
892	Commercial Structure	Participating	325072.97	323854.29	16:57	31	5:19	319
893	Commercial Structure	Participating	325088.85	323872.96	17:13	31	5:23	323
894	Commercial Structure	Participating	325043.35	323895.90	15:34	30	4:49	289
1255	Commercial Structure	Participating	316600.41	326929.55	67:07	51	13:32	812
1256	Commercial Structure	Participating	316643.98	326988.51	74:32	52	14:00	840
1276	Commercial Structure	Participating	322673.89	326481.58	185:05	90	50:42	3042
1277	Commercial Structure	Participating	322695.59	326402.22	177:35	84	52:03	3123
1278	Commercial Structure	Participating	321024.39	326811.30	79:58	42	20:32	1232
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0
1879	Commercial Structure	Participating	318832.28	328834.77	198:49	103	58:29	3509
Summary of Maximum and Minimum Shadow Flicker for Participating Commercial Receptors								
<b>1879</b>	<b>Commercial Structure</b>	<b>Participating</b>	<b>318832.28</b>	<b>328834.77</b>	<b>198:49</b>	<b>103</b>	<b>58:29</b>	<b>3509</b>
<b>1283</b>	<b>Commercial Structure</b>	<b>Participating</b>	<b>321581.82</b>	<b>325517.59</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-2.h: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1879	Commercial Structure	Participating	318832.28	328834.77	198:49	103	58:29	3509
865	Commercial Structure	Participating	326890.63	324202.23	182:15	74	55:31	3331
1277	Commercial Structure	Participating	322695.59	326402.22	177:35	84	52:03	3123
1276	Commercial Structure	Participating	322673.89	326481.58	185:05	90	50:42	3042
866	Commercial Structure	Participating	326722.74	324654.27	173:53	61	46:46	2806
863	Commercial Structure	Participating	326938.34	324133.53	148:09	82	45:12	2712
864	Commercial Structure	Participating	326936.63	324109.24	122:34	77	37:19	2239
1278	Commercial Structure	Participating	321024.39	326811.30	79:58	42	20:32	1232
1256	Commercial Structure	Participating	316643.98	326988.51	74:32	52	14:00	840
1255	Commercial Structure	Participating	316600.41	326929.55	67:07	51	13:32	812
893	Commercial Structure	Participating	325088.85	323872.96	17:13	31	5:23	323
892	Commercial Structure	Participating	325072.97	323854.29	16:57	31	5:19	319
894	Commercial Structure	Participating	325043.35	323895.90	15:34	30	4:49	289
891	Commercial Structure	Participating	325020.34	323873.12	15:09	29	4:43	283
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Commercial Receptors								
<b>1879</b>	<b>Commercial Structure</b>	<b>Participating</b>	<b>318832.28</b>	<b>328834.77</b>	<b>198:49</b>	<b>103</b>	<b>58:29</b>	<b>3509</b>
<b>1283</b>	<b>Commercial Structure</b>	<b>Participating</b>	<b>321581.82</b>	<b>325517.59</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-2.i: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Unknown and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
898	Unknown Structure	Non-Participating	326322.80	321709.65	0:00	0	0:00	0
1083	Unknown Structure	Non-Participating	328546.33	327053.66	0:00	0	0:00	0
1146	Unknown Structure	Non-Participating	329683.95	322204.83	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Unknown Receptors								
<b>525</b>	<b>Unknown Structure</b>	<b>Non-Participating</b>	<b>329848.51</b>	<b>324884.15</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>
<b>525</b>	<b>Unknown Structure</b>	<b>Non-Participating</b>	<b>329848.51</b>	<b>324884.15</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-2.j: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Unknown and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
898	Unknown Structure	Non-Participating	326322.80	321709.65	0:00	0	0:00	0
1083	Unknown Structure	Non-Participating	328546.33	327053.66	0:00	0	0:00	0
1146	Unknown Structure	Non-Participating	329683.95	322204.83	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Unknown Receptors								
<b>525</b>	<b>Unknown Structure</b>	<b>Non-Participating</b>	<b>329848.51</b>	<b>324884.15</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>
<b>525</b>	<b>Unknown Structure</b>	<b>Non-Participating</b>	<b>329848.51</b>	<b>324884.15</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
118	Other Structure	Non-Participating	327569.77	320414.73	0:00	0	0:00	0
412	Other Structure	Non-Participating	324040.99	321207.79	0:00	0	0:00	0
462	Other Structure	Non-Participating	329939.45	323374.80	0:00	0	0:00	0
481	Other Structure	Non-Participating	330069.15	325088.93	0:00	0	0:00	0
484	Uninhabitable Residence	Non-Participating	330020.52	325091.57	0:00	0	0:00	0
491	Uninhabitable Residence	Non-Participating	330035.16	325306.41	0:00	0	0:00	0
589	Other Structure	Non-Participating	329922.72	326463.19	0:00	0	0:00	0
602	Other Structure	Non-Participating	328697.73	327290.64	0:00	0	0:00	0
620	Other Structure	Non-Participating	326649.95	325722.39	81:33	67	13:06	786
680	Other Structure	Non-Participating	324991.12	327110.03	0:00	0	0:00	0
695	Other Structure	Non-Participating	324019.12	325983.44	0:00	0	0:00	0
749	Uninhabitable Residence	Non-Participating	325427.50	322587.59	0:00	0	0:00	0
750	Uninhabitable Residence	Non-Participating	326658.78	325974.90	5:46	18	0:45	45
911	Other Structure	Non-Participating	325747.79	321829.83	0:00	0	0:00	0
912	Other Structure	Non-Participating	325960.03	322090.44	0:00	0	0:00	0
913	Other Structure	Non-Participating	325499.84	322229.46	0:00	0	0:00	0
914	Other Structure	Non-Participating	326295.10	322331.28	0:00	0	0:00	0
915	Other Structure	Non-Participating	326388.80	322259.82	0:00	0	0:00	0
916	Other Structure	Non-Participating	326429.68	322190.25	0:00	0	0:00	0
917	Other Structure	Non-Participating	326399.39	322105.37	0:00	0	0:00	0
918	Other Structure	Non-Participating	326563.95	322013.34	0:00	0	0:00	0
919	Other Structure	Non-Participating	326537.42	321888.32	0:00	0	0:00	0
920	Other Structure	Non-Participating	326174.55	321181.43	0:00	0	0:00	0
921	Other Structure	Non-Participating	326695.44	320839.11	0:00	0	0:00	0
922	Other Structure	Non-Participating	326433.16	320452.94	0:00	0	0:00	0
923	Other Structure	Non-Participating	326392.99	320462.32	0:00	0	0:00	0
924	Other Structure	Non-Participating	326312.09	320527.43	0:00	0	0:00	0
925	Other Structure	Non-Participating	326299.87	320512.13	0:00	0	0:00	0
926	Other Structure	Non-Participating	326433.12	320563.38	0:00	0	0:00	0
927	Other Structure	Non-Participating	326419.88	320541.47	0:00	0	0:00	0
928	Other Structure	Non-Participating	326720.68	320546.98	0:00	0	0:00	0
929	Other Structure	Non-Participating	326830.93	320538.82	0:00	0	0:00	0
930	Other Structure	Non-Participating	326792.98	320808.69	0:00	0	0:00	0
931	Other Structure	Non-Participating	326848.21	321346.14	0:00	0	0:00	0
932	Other Structure	Non-Participating	326780.51	321324.08	0:00	0	0:00	0
933	Other Structure	Non-Participating	326687.19	321466.29	0:00	0	0:00	0
934	Other Structure	Non-Participating	326712.29	321464.80	0:00	0	0:00	0
935	Other Structure	Non-Participating	327396.16	321276.88	0:00	0	0:00	0
936	Other Structure	Non-Participating	327362.15	320889.53	0:00	0	0:00	0
937	Other Structure	Non-Participating	327412.58	320667.15	0:00	0	0:00	0
938	Other Structure	Non-Participating	327449.21	320721.84	0:00	0	0:00	0
939	Other Structure	Non-Participating	327312.78	320545.75	0:00	0	0:00	0



Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
941	Other Structure	Non-Participating	327390.99	320332.02	0:00	0	0:00	0
942	Other Structure	Non-Participating	327919.48	320363.21	0:00	0	0:00	0
943	Other Structure	Non-Participating	328257.65	320555.28	0:00	0	0:00	0
944	Other Structure	Non-Participating	328149.72	320630.22	0:00	0	0:00	0
945	Other Structure	Non-Participating	328309.79	320741.05	0:00	0	0:00	0
946	Other Structure	Non-Participating	328233.43	320990.58	0:00	0	0:00	0
947	Other Structure	Non-Participating	328235.42	321359.05	0:00	0	0:00	0
948	Other Structure	Non-Participating	328286.16	321910.65	0:00	0	0:00	0
949	Other Structure	Non-Participating	328288.12	322112.27	0:00	0	0:00	0
950	Other Structure	Non-Participating	328226.29	322129.06	0:00	0	0:00	0
951	Other Structure	Non-Participating	326739.25	322251.25	0:00	0	0:00	0
952	Other Structure	Non-Participating	326828.03	322230.17	0:00	0	0:00	0
953	Other Structure	Non-Participating	326827.94	322215.81	0:00	0	0:00	0
954	Other Structure	Non-Participating	326824.93	322048.39	0:00	0	0:00	0
955	Other Structure	Non-Participating	326714.74	322072.12	0:00	0	0:00	0
956	Other Structure	Non-Participating	326656.71	322061.58	0:00	0	0:00	0
957	Other Structure	Non-Participating	326693.96	322078.13	0:00	0	0:00	0
958	Other Structure	Non-Participating	326519.94	322211.94	0:00	0	0:00	0
959	Other Structure	Non-Participating	326630.13	322222.25	0:00	0	0:00	0
960	Other Structure	Non-Participating	326632.01	322281.28	0:00	0	0:00	0
961	Other Structure	Non-Participating	326633.24	322312.83	0:00	0	0:00	0
962	Other Structure	Non-Participating	326665.42	322305.33	0:00	0	0:00	0
965	Other Structure	Non-Participating	326196.23	322564.38	0:00	0	0:00	0
966	Other Structure	Non-Participating	326383.45	322524.57	0:00	0	0:00	0
967	Other Structure	Non-Participating	326324.75	322541.18	0:00	0	0:00	0
968	Other Structure	Non-Participating	326550.76	322425.15	0:00	0	0:00	0
970	Other Structure	Non-Participating	326730.97	322488.43	0:00	0	0:00	0
971	Other Structure	Non-Participating	326995.35	322437.26	0:00	0	0:00	0
972	Other Structure	Non-Participating	327041.02	322689.95	0:00	0	0:00	0
973	Other Structure	Non-Participating	327002.98	322848.57	0:00	0	0:00	0
974	Other Structure	Non-Participating	327078.81	323018.33	0:00	0	0:00	0
975	Other Structure	Non-Participating	327112.66	323288.45	0:00	0	0:00	0
976	Other Structure	Non-Participating	327115.74	322224.52	0:00	0	0:00	0
977	Other Structure	Non-Participating	327222.72	322271.45	0:00	0	0:00	0
978	Other Structure	Non-Participating	327125.55	322375.49	0:00	0	0:00	0
979	Other Structure	Non-Participating	327215.16	322375.70	0:00	0	0:00	0
980	Other Structure	Non-Participating	327276.94	322360.52	0:00	0	0:00	0
981	Other Structure	Non-Participating	327411.08	322406.05	0:00	0	0:00	0
982	Other Structure	Non-Participating	327465.45	322338.70	0:00	0	0:00	0
983	Other Structure	Non-Participating	327627.60	322413.81	0:00	0	0:00	0
984	Other Structure	Non-Participating	327790.78	322121.55	0:00	0	0:00	0
985	Other Structure	Non-Participating	327833.48	322215.18	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
986	Other Structure	Non-Participating	327788.28	322178.27	0:00	0	0:00	0
987	Other Structure	Non-Participating	328207.05	322302.38	0:00	0	0:00	0
988	Other Structure	Non-Participating	328602.70	322447.82	0:00	0	0:00	0
989	Other Structure	Non-Participating	329035.18	322249.44	0:00	0	0:00	0
990	Other Structure	Non-Participating	329252.46	322156.17	0:00	0	0:00	0
991	Other Structure	Non-Participating	329914.09	321570.03	0:00	0	0:00	0
992	Other Structure	Non-Participating	329968.23	321343.49	0:00	0	0:00	0
993	Other Structure	Non-Participating	325120.41	322599.65	0:00	0	0:00	0
994	Other Structure	Non-Participating	324446.37	322763.30	0:00	0	0:00	0
995	Other Structure	Non-Participating	324374.20	322447.69	0:00	0	0:00	0
996	Other Structure	Non-Participating	324339.02	322221.96	0:00	0	0:00	0
997	Other Structure	Non-Participating	324148.28	321742.60	0:00	0	0:00	0
999	Other Structure	Non-Participating	324301.43	321524.92	0:00	0	0:00	0
1000	Other Structure	Non-Participating	324271.58	321564.88	0:00	0	0:00	0
1001	Other Structure	Non-Participating	324229.01	321561.68	0:00	0	0:00	0
1002	Other Structure	Non-Participating	324338.95	321479.73	0:00	0	0:00	0
1004	Other Structure	Non-Participating	323941.87	321372.15	0:00	0	0:00	0
1005	Other Structure	Non-Participating	325147.48	321608.38	0:00	0	0:00	0
1006	Other Structure	Non-Participating	324722.36	321815.03	0:00	0	0:00	0
1007	Other Structure	Non-Participating	325728.29	321416.90	0:00	0	0:00	0
1008	Other Structure	Non-Participating	324178.87	322397.91	0:00	0	0:00	0
1009	Other Structure	Non-Participating	323718.82	322666.55	0:00	0	0:00	0
1010	Other Structure	Non-Participating	323730.40	322622.06	0:00	0	0:00	0
1011	Other Structure	Non-Participating	323958.93	323146.08	0:00	0	0:00	0
1012	Other Structure	Non-Participating	324001.40	322885.14	0:00	0	0:00	0
1013	Other Structure	Non-Participating	323766.56	323030.05	0:00	0	0:00	0
1014	Other Structure	Non-Participating	323889.82	323141.21	0:00	0	0:00	0
1015	Other Structure	Non-Participating	323840.09	323165.41	0:00	0	0:00	0
1016	Other Structure	Non-Participating	323567.31	323030.20	0:00	0	0:00	0
1018	Other Structure	Non-Participating	322768.96	323596.52	120:30	69	38:08	2288
1019	Other Structure	Non-Participating	322667.63	323521.29	84:56	57	26:59	1619
1020	Other Structure	Non-Participating	329973.81	321926.85	0:00	0	0:00	0
1021	Other Structure	Non-Participating	329911.73	322977.07	0:00	0	0:00	0
1022	Other Structure	Non-Participating	329829.87	322944.56	0:00	0	0:00	0
1023	Other Structure	Non-Participating	330306.05	323247.13	0:00	0	0:00	0
1024	Other Structure	Non-Participating	330322.99	323252.16	0:00	0	0:00	0
1026	Other Structure	Non-Participating	330023.95	323915.34	0:00	0	0:00	0
1027	Other Structure	Non-Participating	329976.66	323989.52	0:00	0	0:00	0
1028	Other Structure	Non-Participating	330015.41	325006.53	0:00	0	0:00	0
1029	Other Structure	Non-Participating	330021.35	325107.16	0:00	0	0:00	0
1030	Other Structure	Non-Participating	330000.97	325150.51	0:00	0	0:00	0
1031	Other Structure	Non-Participating	329998.76	325266.03	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1032	Other Structure	Non-Participating	330083.43	325328.10	0:00	0	0:00	0
1033	Other Structure	Non-Participating	330162.79	325409.00	0:00	0	0:00	0
1034	Other Structure	Non-Participating	330097.74	325547.50	0:00	0	0:00	0
1035	Other Structure	Non-Participating	330164.32	325727.51	0:00	0	0:00	0
1036	Other Structure	Non-Participating	330665.24	326426.28	0:00	0	0:00	0
1037	Other Structure	Non-Participating	330197.33	325127.39	0:00	0	0:00	0
1038	Other Structure	Non-Participating	330594.93	325074.13	0:00	0	0:00	0
1039	Other Structure	Non-Participating	330604.94	324953.69	0:00	0	0:00	0
1040	Other Structure	Non-Participating	331068.24	325078.89	0:00	0	0:00	0
1041	Other Structure	Non-Participating	331033.86	324866.56	0:00	0	0:00	0
1042	Other Structure	Non-Participating	329945.40	323560.42	0:00	0	0:00	0
1043	Other Structure	Non-Participating	329311.77	323906.07	0:00	0	0:00	0
1044	Other Structure	Non-Participating	329797.34	325002.99	0:00	0	0:00	0
1045	Other Structure	Non-Participating	329873.77	324933.14	0:00	0	0:00	0
1046	Other Structure	Non-Participating	328568.33	325013.85	28:47	31	7:11	431
1047	Other Structure	Non-Participating	328487.87	324838.03	36:01	34	10:07	607
1048	Other Structure	Non-Participating	328548.19	324997.78	29:56	32	7:35	455
1050	Other Structure	Non-Participating	328658.47	325378.76	12:35	27	3:00	180
1051	Other Structure	Non-Participating	327116.80	323472.60	11:41	24	3:57	237
1052	Other Structure	Non-Participating	326987.84	323478.50	0:00	0	0:00	0
1058	Other Structure	Non-Participating	326771.44	325364.16	74:48	45	16:47	1007
1062	Other Structure	Non-Participating	328096.09	325350.20	39:36	47	8:38	518
1063	Other Structure	Non-Participating	327897.56	325767.53	0:00	0	0:00	0
1064	Other Structure	Non-Participating	328026.71	326100.95	0:00	0	0:00	0
1065	Other Structure	Non-Participating	327522.50	326326.75	0:00	0	0:00	0
1066	Other Structure	Non-Participating	327019.84	326783.77	0:00	0	0:00	0
1067	Other Structure	Non-Participating	327016.51	326842.12	0:00	0	0:00	0
1068	Other Structure	Non-Participating	326579.85	326875.91	0:00	0	0:00	0
1069	Other Structure	Non-Participating	326457.74	326912.81	0:00	0	0:00	0
1070	Other Structure	Non-Participating	326827.72	327124.85	0:00	0	0:00	0
1071	Other Structure	Non-Participating	326671.04	327339.74	0:00	0	0:00	0
1072	Other Structure	Non-Participating	326851.00	327525.88	0:00	0	0:00	0
1073	Other Structure	Non-Participating	328550.01	322612.44	0:00	0	0:00	0
1074	Other Structure	Non-Participating	328499.86	322743.78	0:00	0	0:00	0
1075	Other Structure	Non-Participating	328582.36	322871.75	0:00	0	0:00	0
1076	Other Structure	Non-Participating	328465.75	323063.51	0:00	0	0:00	0
1077	Other Structure	Non-Participating	330076.16	326323.82	0:00	0	0:00	0
1078	Other Structure	Non-Participating	329857.22	326326.74	0:00	0	0:00	0
1079	Other Structure	Non-Participating	329661.00	326892.42	0:00	0	0:00	0
1080	Other Structure	Non-Participating	329781.42	327276.00	0:00	0	0:00	0
1081	Other Structure	Non-Participating	329670.12	327432.08	0:00	0	0:00	0
1082	Other Structure	Non-Participating	329769.86	327548.61	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1084	Other Structure	Non-Participating	327890.07	327531.14	0:00	0	0:00	0
1085	Other Structure	Non-Participating	327745.99	327175.04	0:00	0	0:00	0
1086	Other Structure	Non-Participating	327712.03	327144.66	0:00	0	0:00	0
1087	Other Structure	Non-Participating	327403.30	326820.12	0:00	0	0:00	0
1088	Other Structure	Non-Participating	326599.31	326178.73	0:00	0	0:00	0
1089	Other Structure	Non-Participating	326398.66	326636.40	0:00	0	0:00	0
1090	Other Structure	Non-Participating	326339.69	326934.82	0:00	0	0:00	0
1093	Other Structure	Non-Participating	325895.39	326973.96	0:00	0	0:00	0
1094	Other Structure	Non-Participating	325744.51	327209.49	0:00	0	0:00	0
1095	Other Structure	Non-Participating	325742.99	327549.78	0:00	0	0:00	0
1096	Other Structure	Non-Participating	325606.79	328054.27	0:00	0	0:00	0
1097	Other Structure	Non-Participating	325665.49	328119.62	0:00	0	0:00	0
1098	Other Structure	Non-Participating	325679.50	328218.76	0:00	0	0:00	0
1099	Other Structure	Non-Participating	325753.53	328312.85	0:00	0	0:00	0
1100	Other Structure	Non-Participating	325765.49	328284.83	0:00	0	0:00	0
1101	Other Structure	Non-Participating	325750.43	328267.35	0:00	0	0:00	0
1102	Other Structure	Non-Participating	325463.26	326968.72	0:00	0	0:00	0
1103	Other Structure	Non-Participating	325665.82	328395.13	0:00	0	0:00	0
1104	Other Structure	Non-Participating	325628.64	328532.60	0:00	0	0:00	0
1105	Other Structure	Non-Participating	326366.82	328532.77	0:00	0	0:00	0
1106	Other Structure	Non-Participating	326866.25	328429.98	0:00	0	0:00	0
1107	Other Structure	Non-Participating	326870.82	328466.60	0:00	0	0:00	0
1108	Other Structure	Non-Participating	326022.61	325718.83	0:00	0	0:00	0
1109	Other Structure	Non-Participating	325639.01	326011.45	0:00	0	0:00	0
1110	Other Structure	Non-Participating	325723.58	326051.31	0:00	0	0:00	0
1111	Other Structure	Non-Participating	325729.76	326112.44	0:00	0	0:00	0
1112	Other Structure	Non-Participating	325741.40	326218.44	0:00	0	0:00	0
1113	Other Structure	Non-Participating	325644.77	326799.79	0:00	0	0:00	0
1114	Other Structure	Non-Participating	325254.34	326799.37	0:00	0	0:00	0
1115	Other Structure	Non-Participating	325240.75	326892.41	0:00	0	0:00	0
1116	Other Structure	Non-Participating	325367.16	326963.48	0:00	0	0:00	0
1117	Other Structure	Non-Participating	324636.50	328365.31	0:00	0	0:00	0
1118	Other Structure	Non-Participating	323920.13	328066.70	0:00	0	0:00	0
1119	Other Structure	Non-Participating	324098.99	327992.87	0:00	0	0:00	0
1120	Other Structure	Non-Participating	324300.97	327935.49	0:00	0	0:00	0
1121	Other Structure	Non-Participating	324342.93	327561.64	27:16	28	4:07	247
1123	Other Structure	Non-Participating	325323.70	325582.46	45:57	66	9:57	597
1124	Other Structure	Non-Participating	323667.05	327394.95	0:00	0	0:00	0
1125	Other Structure	Non-Participating	323751.58	327372.87	6:13	21	0:47	47
1126	Other Structure	Non-Participating	323881.70	326742.76	62:28	60	18:58	1138
1127	Other Structure	Non-Participating	323892.51	326704.72	65:03	59	20:26	1226
1128	Other Structure	Non-Participating	323967.35	326704.37	50:05	53	15:39	939

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1130	Other Structure	Non-Participating	324323.73	325521.34	50:20	55	7:21	441
1131	Other Structure	Non-Participating	322882.40	326117.48	57:36	46	18:28	1108
1132	Other Structure	Non-Participating	323089.76	325454.68	31:45	35	6:04	364
1133	Other Structure	Non-Participating	323114.97	325565.48	39:03	35	7:18	438
1134	Other Structure	Non-Participating	324362.59	323896.97	15:35	31	4:22	262
1135	Other Structure	Non-Participating	324442.51	323849.41	13:58	29	4:02	242
1136	Other Structure	Non-Participating	324417.97	323839.93	14:32	30	4:13	253
1137	Other Structure	Non-Participating	324361.51	323988.16	15:14	30	3:59	239
1142	Other Structure	Non-Participating	325531.74	326674.47	0:00	0	0:00	0
1143	Other Structure	Non-Participating	328104.06	320425.18	0:00	0	0:00	0
1149	Other Structure	Non-Participating	329968.54	325124.57	0:00	0	0:00	0
1151	Other Structure	Non-Participating	330048.73	326332.33	0:00	0	0:00	0
1154	Other Structure	Non-Participating	325855.64	326639.69	0:00	0	0:00	0
1155	Other Structure	Non-Participating	325009.86	326305.83	0:00	0	0:00	0
1158	Other Structure	Non-Participating	324390.06	323878.53	15:02	30	4:16	256
1159	Other Structure	Non-Participating	324387.15	323987.08	14:33	30	3:49	229
1160	Other Structure	Non-Participating	323107.91	324885.25	57:20	50	15:56	956
1162	Other Structure	Non-Participating	323271.75	324925.88	75:49	48	21:00	1260
1170	Uninhabitable Residence	Non-Participating	329676.46	327804.52	0:00	0	0:00	0
1172	Other Structure	Non-Participating	327209.81	325397.87	141:15	99	24:50	1490
1180	Other Structure	Non-Participating	323341.35	322399.75	0:00	0	0:00	0
1181	Other Structure	Non-Participating	326889.51	320634.53	0:00	0	0:00	0
1182	Other Structure	Non-Participating	326888.51	320657.54	0:00	0	0:00	0
1204	Other Structure	Non-Participating	315578.61	331517.42	0:00	0	0:00	0
1286	Other Structure	Non-Participating	322378.49	323100.70	0:00	0	0:00	0
1302	Other Structure	Non-Participating	313003.01	327003.84	0:00	0	0:00	0
1303	Other Structure	Non-Participating	314724.48	331396.45	0:00	0	0:00	0
1304	Other Structure	Non-Participating	314236.77	327373.63	0:00	0	0:00	0
1305	Other Structure	Non-Participating	313962.55	327631.86	0:00	0	0:00	0
1306	Other Structure	Non-Participating	313478.52	328774.88	0:00	0	0:00	0
1307	Other Structure	Non-Participating	314359.62	330014.40	0:00	0	0:00	0
1308	Other Structure	Non-Participating	315753.64	332138.16	0:00	0	0:00	0
1309	Other Structure	Non-Participating	317146.03	332061.13	0:00	0	0:00	0
1310	Other Structure	Non-Participating	318050.11	332095.73	0:00	0	0:00	0
1311	Other Structure	Non-Participating	318861.46	332982.28	0:00	0	0:00	0
1312	Other Structure	Non-Participating	318701.47	333470.70	0:00	0	0:00	0
1313	Other Structure	Non-Participating	318830.31	333476.40	0:00	0	0:00	0
1314	Other Structure	Non-Participating	319219.03	333313.90	0:00	0	0:00	0
1315	Other Structure	Non-Participating	319558.52	333306.26	0:00	0	0:00	0
1316	Other Structure	Non-Participating	317317.04	333551.41	0:00	0	0:00	0
1317	Other Structure	Non-Participating	318928.89	332985.76	0:00	0	0:00	0
1318	Other Structure	Non-Participating	318940.58	332181.83	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1319	Other Structure	Non-Participating	319002.13	332103.01	0:00	0	0:00	0
1320	Other Structure	Non-Participating	318928.16	331682.94	0:00	0	0:00	0
1321	Other Structure	Non-Participating	318457.26	331635.95	0:00	0	0:00	0
1322	Other Structure	Non-Participating	318283.85	331698.53	0:00	0	0:00	0
1323	Other Structure	Non-Participating	316854.34	330952.33	0:00	0	0:00	0
1324	Other Structure	Non-Participating	316842.78	330513.60	0:00	0	0:00	0
1325	Other Structure	Non-Participating	315338.46	330221.76	0:00	0	0:00	0
1326	Other Structure	Non-Participating	315769.32	330184.48	0:00	0	0:00	0
1327	Other Structure	Non-Participating	316879.42	329389.63	9:46	24	2:39	159
1328	Other Structure	Non-Participating	316758.86	329357.41	0:00	0	0:00	0
1329	Other Structure	Non-Participating	314783.24	328597.48	0:00	0	0:00	0
1330	Other Structure	Non-Participating	314820.52	328833.90	0:00	0	0:00	0
1331	Other Structure	Non-Participating	314731.75	328934.19	0:00	0	0:00	0
1332	Other Structure	Non-Participating	314635.73	327847.18	9:30	24	2:46	166
1333	Other Structure	Non-Participating	315252.38	325610.21	0:00	0	0:00	0
1334	Other Structure	Non-Participating	315252.83	324271.48	0:00	0	0:00	0
1335	Other Structure	Non-Participating	315888.75	324226.64	0:00	0	0:00	0
1336	Other Structure	Non-Participating	315942.67	324199.68	0:00	0	0:00	0
1337	Other Structure	Non-Participating	315832.35	324123.20	0:00	0	0:00	0
1338	Other Structure	Non-Participating	315751.58	323624.11	0:00	0	0:00	0
1339	Other Structure	Non-Participating	316078.36	323937.35	0:00	0	0:00	0
1340	Other Structure	Non-Participating	316142.51	323662.02	0:00	0	0:00	0
1341	Other Structure	Non-Participating	316235.27	323668.24	0:00	0	0:00	0
1342	Other Structure	Non-Participating	316592.95	323519.61	0:00	0	0:00	0
1343	Other Structure	Non-Participating	315928.09	324319.75	0:00	0	0:00	0
1344	Other Structure	Non-Participating	316204.61	324208.18	0:00	0	0:00	0
1345	Other Structure	Non-Participating	318285.87	324060.86	0:00	0	0:00	0
1346	Other Structure	Non-Participating	318330.71	323924.89	0:00	0	0:00	0
1347	Other Structure	Non-Participating	317924.80	323615.41	0:00	0	0:00	0
1348	Other Structure	Non-Participating	317967.87	326252.19	104:36	52	32:02	1922
1349	Other Structure	Non-Participating	318025.94	326293.06	78:55	47	23:23	1403
1350	Other Structure	Non-Participating	318007.03	326758.44	57:07	40	10:57	657
1351	Other Structure	Non-Participating	317830.57	326862.15	46:53	48	10:53	653
1352	Other Structure	Non-Participating	317483.34	327547.59	73:24	37	22:00	1320
1353	Uninhabitable Residence	Non-Participating	317445.26	327510.19	71:45	35	21:27	1287
1354	Other Structure	Non-Participating	317083.62	327325.03	109:58	57	34:12	2052
1355	Other Structure	Non-Participating	316895.66	327118.47	122:54	82	38:03	2283
1356	Other Structure	Non-Participating	317248.23	329173.60	35:09	34	9:19	559
1357	Other Structure	Non-Participating	317584.54	329007.81	107:02	50	29:51	1791
1358	Other Structure	Non-Participating	318279.50	329674.45	45:43	75	6:59	419
1359	Other Structure	Non-Participating	319039.03	329746.32	28:35	37	5:10	310
1360	Other Structure	Non-Participating	319121.20	329629.43	33:13	36	6:30	390

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1361	Other Structure	Non-Participating	319775.99	329464.40	53:24	44	8:10	490
1362	Other Structure	Non-Participating	319914.74	329076.51	52:33	46	11:53	713
1363	Other Structure	Non-Participating	319950.57	328307.72	52:56	41	11:12	672
1364	Other Structure	Non-Participating	317668.43	327310.91	12:04	29	3:28	208
1366	Other Structure	Non-Participating	320578.83	331496.39	0:00	0	0:00	0
1367	Other Structure	Non-Participating	320240.75	331397.70	0:00	0	0:00	0
1368	Other Structure	Non-Participating	319933.28	332566.55	0:00	0	0:00	0
1369	Other Structure	Non-Participating	321023.01	331014.06	0:00	0	0:00	0
1370	Other Structure	Non-Participating	321929.28	329227.03	0:00	0	0:00	0
1371	Other Structure	Non-Participating	322288.73	329298.61	0:00	0	0:00	0
1372	Other Structure	Non-Participating	323180.50	329372.93	0:00	0	0:00	0
1373	Other Structure	Non-Participating	322775.23	330114.71	0:00	0	0:00	0
1374	Other Structure	Non-Participating	322703.97	330871.45	0:00	0	0:00	0
1375	Other Structure	Non-Participating	323270.92	329761.67	0:00	0	0:00	0
1376	Other Structure	Non-Participating	323329.15	329708.23	0:00	0	0:00	0
1377	Other Structure	Non-Participating	323498.59	329812.09	0:00	0	0:00	0
1378	Other Structure	Non-Participating	323290.46	329840.43	0:00	0	0:00	0
1379	Other Structure	Non-Participating	324572.39	329653.98	0:00	0	0:00	0
1380	Other Structure	Non-Participating	323764.61	329463.24	0:00	0	0:00	0
1381	Other Structure	Non-Participating	324000.09	329100.09	0:00	0	0:00	0
1382	Other Structure	Non-Participating	323469.68	328122.91	0:00	0	0:00	0
1383	Other Structure	Non-Participating	323305.27	328251.07	0:00	0	0:00	0
1384	Other Structure	Non-Participating	322996.15	329319.66	0:00	0	0:00	0
1385	Other Structure	Non-Participating	322485.59	327517.32	16:13	28	2:35	155
1386	Other Structure	Non-Participating	322467.53	327513.85	18:23	29	2:58	178
1387	Other Structure	Non-Participating	320994.33	327539.98	43:22	54	6:36	396
1388	Other Structure	Non-Participating	321924.39	327555.91	0:00	0	0:00	0
1389	Other Structure	Non-Participating	322047.05	327592.90	0:00	0	0:00	0
1390	Other Structure	Non-Participating	322378.05	327831.14	0:00	0	0:00	0
1393	Other Structure	Non-Participating	320974.93	326062.30	50:55	52	15:52	952
1394	Other Structure	Non-Participating	320571.35	325988.92	56:39	46	18:31	1111
1395	Other Structure	Non-Participating	320707.00	326260.82	48:12	52	14:05	845
1396	Other Structure	Non-Participating	321561.34	325443.95	0:00	0	0:00	0
1398	Other Structure	Non-Participating	319828.35	325368.69	0:00	0	0:00	0
1399	Other Structure	Non-Participating	319408.77	323882.38	0:00	0	0:00	0
1400	Other Structure	Non-Participating	319369.46	323944.70	0:00	0	0:00	0
1401	Other Structure	Non-Participating	319340.92	323904.95	0:00	0	0:00	0
1402	Other Structure	Non-Participating	319610.74	323757.30	0:00	0	0:00	0
1403	Other Structure	Non-Participating	319775.51	323580.80	0:00	0	0:00	0
1404	Other Structure	Non-Participating	319084.50	322427.86	0:00	0	0:00	0
1405	Other Structure	Non-Participating	319110.58	322696.95	0:00	0	0:00	0
1407	Other Structure	Non-Participating	320562.51	322376.65	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1408	Other Structure	Non-Participating	321285.77	322609.63	0:00	0	0:00	0
1420	Other Structure	Non-Participating	314397.28	329980.92	0:00	0	0:00	0
1424	Other Structure	Non-Participating	316379.15	328938.57	0:00	0	0:00	0
1435	Uninhabitable Residence	Non-Participating	323164.68	329684.71	0:00	0	0:00	0
1436	Uninhabitable Residence	Non-Participating	323216.50	329943.53	0:00	0	0:00	0
1437	Uninhabitable Residence	Non-Participating	320795.04	323737.37	0:00	0	0:00	0
1495	Uninhabitable Residence	Non-Participating	313666.97	328664.44	0:00	0	0:00	0
1518	Other Structure	Non-Participating	314311.74	330093.18	0:00	0	0:00	0
1560	Uninhabitable Residence	Non-Participating	318770.01	333472.83	0:00	0	0:00	0
1591	Other Structure	Non-Participating	316752.13	330029.39	0:00	0	0:00	0
1594	Other Structure	Non-Participating	315955.43	329955.99	0:00	0	0:00	0
1596	Other Structure	Non-Participating	315780.10	330089.50	0:00	0	0:00	0
1663	Other Structure	Non-Participating	315191.09	325642.82	0:00	0	0:00	0
1798	Other Structure	Non-Participating	318265.60	324749.32	0:00	0	0:00	0
1854	Other Structure	Non-Participating	316794.89	328352.51	52:46	41	8:23	503
1923	Other Structure	Non-Participating	320514.55	330716.65	0:00	0	0:00	0
1924	Uninhabitable Residence	Non-Participating	320473.96	330853.12	0:00	0	0:00	0
1951	Uninhabitable Residence	Non-Participating	320317.19	331577.43	0:00	0	0:00	0
1972	Uninhabitable Residence	Non-Participating	323048.61	329386.03	0:00	0	0:00	0
2017	Uninhabitable Residence	Non-Participating	323350.10	329873.49	0:00	0	0:00	0
2025	Uninhabitable Residence	Non-Participating	323147.65	329856.55	0:00	0	0:00	0
2035	Other Structure	Non-Participating	323505.03	330037.11	0:00	0	0:00	0
2070	Uninhabitable Residence	Non-Participating	323188.70	328677.66	0:00	0	0:00	0
2115	Other Structure	Non-Participating	320833.86	326112.17	68:11	44	21:21	1281
2123	Other Structure	Non-Participating	320035.74	325178.46	0:00	0	0:00	0
2145	Uninhabitable Residence	Non-Participating	321305.89	324003.25	0:00	0	0:00	0
2146	Uninhabitable Residence	Non-Participating	321296.68	324239.95	29:29	43	9:18	558
2205	Other Structure	Non-Participating	317703.22	322971.96	0:00	0	0:00	0
2207	Other Structure	Non-Participating	317058.07	322752.09	0:00	0	0:00	0
2209	Other Structure	Non-Participating	319843.13	322657.14	0:00	0	0:00	0
2211	Other Structure	Non-Participating	320289.45	322217.39	0:00	0	0:00	0
2212	Other Structure	Non-Participating	318987.54	322594.00	0:00	0	0:00	0
2214	Other Structure	Non-Participating	321418.73	322722.89	0:00	0	0:00	0
2215	Other Structure	Non-Participating	319010.06	322564.76	0:00	0	0:00	0
2218	Other Structure	Non-Participating	315662.22	322967.73	0:00	0	0:00	0
2219	Other Structure	Non-Participating	321413.78	322721.42	0:00	0	0:00	0
2220	Other Structure	Non-Participating	317067.96	322775.05	0:00	0	0:00	0
2221	Other Structure	Non-Participating	319476.95	322635.90	0:00	0	0:00	0
2222	Other Structure	Non-Participating	320050.92	322098.04	0:00	0	0:00	0
2223	Other Structure	Non-Participating	317340.93	323389.67	0:00	0	0:00	0
2224	Other Structure	Non-Participating	315711.98	323081.80	0:00	0	0:00	0
2225	Other Structure	Non-Participating	320647.91	322381.46	0:00	0	0:00	0



Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2226	Other Structure	Non-Participating	319656.17	322701.60	0:00	0	0:00	0
2227	Other Structure	Non-Participating	315593.95	323354.67	0:00	0	0:00	0
2228	Other Structure	Non-Participating	315896.91	324200.07	0:00	0	0:00	0
2231	Other Structure	Non-Participating	322305.25	321259.93	0:00	0	0:00	0
2232	Other Structure	Non-Participating	323657.16	320828.94	0:00	0	0:00	0
2233	Other Structure	Non-Participating	320154.78	322581.04	0:00	0	0:00	0
2234	Other Structure	Non-Participating	321055.55	322623.34	0:00	0	0:00	0
2235	Other Structure	Non-Participating	321579.55	322766.04	0:00	0	0:00	0
2236	Other Structure	Non-Participating	316996.72	322864.03	0:00	0	0:00	0
2237	Other Structure	Non-Participating	319687.26	322630.79	0:00	0	0:00	0
2238	Other Structure	Non-Participating	322327.98	321131.09	0:00	0	0:00	0
2239	Other Structure	Non-Participating	315608.16	323422.04	0:00	0	0:00	0
2241	Other Structure	Non-Participating	320864.63	322486.69	0:00	0	0:00	0
2242	Other Structure	Non-Participating	322360.26	321455.91	0:00	0	0:00	0
2244	Other Structure	Non-Participating	315691.63	323065.30	0:00	0	0:00	0
2245	Other Structure	Non-Participating	320140.82	322597.03	0:00	0	0:00	0
2246	Other Structure	Non-Participating	320049.57	322080.52	0:00	0	0:00	0
2247	Other Structure	Non-Participating	318127.33	322688.93	0:00	0	0:00	0
2248	Other Structure	Non-Participating	317000.80	322821.30	0:00	0	0:00	0
2249	Other Structure	Non-Participating	317501.17	323331.39	0:00	0	0:00	0
2250	Other Structure	Non-Participating	320284.65	322219.83	0:00	0	0:00	0
2252	Other Structure	Non-Participating	314311.30	323836.85	0:00	0	0:00	0
2253	Other Structure	Non-Participating	321448.05	322679.46	0:00	0	0:00	0
2254	Other Structure	Non-Participating	322454.19	321494.32	0:00	0	0:00	0
2255	Other Structure	Non-Participating	322788.16	320590.09	0:00	0	0:00	0
2256	Other Structure	Non-Participating	321506.83	322735.91	0:00	0	0:00	0
2259	Other Structure	Non-Participating	319480.80	322537.90	0:00	0	0:00	0
2260	Other Structure	Non-Participating	315825.24	323999.20	0:00	0	0:00	0
2261	Other Structure	Non-Participating	319734.70	322582.16	0:00	0	0:00	0
2262	Other Structure	Non-Participating	320005.93	322720.19	0:00	0	0:00	0
2263	Other Structure	Non-Participating	323644.09	320846.32	0:00	0	0:00	0
2264	Other Structure	Non-Participating	315589.26	323539.59	0:00	0	0:00	0
2265	Other Structure	Non-Participating	319101.18	322547.51	0:00	0	0:00	0
2266	Other Structure	Non-Participating	314015.93	324412.05	0:00	0	0:00	0
2267	Other Structure	Non-Participating	315834.15	324000.79	0:00	0	0:00	0
2268	Other Structure	Non-Participating	321670.28	322746.73	0:00	0	0:00	0
2269	Other Structure	Non-Participating	319813.07	322633.01	0:00	0	0:00	0
2271	Other Structure	Non-Participating	321518.86	322735.63	0:00	0	0:00	0
2274	Other Structure	Non-Participating	320123.08	322442.56	0:00	0	0:00	0
2275	Other Structure	Non-Participating	320622.75	322395.61	0:00	0	0:00	0
2276	Other Structure	Non-Participating	317639.38	322691.29	0:00	0	0:00	0
2277	Other Structure	Non-Participating	319527.20	322513.06	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2279	Other Structure	Non-Participating	315815.59	324151.20	0:00	0	0:00	0
2280	Other Structure	Non-Participating	314356.99	324372.35	0:00	0	0:00	0
2281	Other Structure	Non-Participating	323007.40	320666.72	0:00	0	0:00	0
2283	Other Structure	Non-Participating	320698.38	322515.38	0:00	0	0:00	0
2284	Other Structure	Non-Participating	319080.34	322576.24	0:00	0	0:00	0
2287	Other Structure	Non-Participating	319349.55	323904.91	0:00	0	0:00	0
2291	Other Structure	Non-Participating	320780.79	326136.43	59:53	41	18:42	1122
2299	Uninhabitable Residence	Non-Participating	318489.23	333474.94	0:00	0	0:00	0
2303	Other Structure	Non-Participating	322825.06	330139.69	0:00	0	0:00	0
2305	Other Structure	Non-Participating	315298.19	331494.85	0:00	0	0:00	0
2309	Other Structure	Non-Participating	315245.36	326638.79	23:19	27	7:22	442
2313	Other Structure	Non-Participating	314837.21	330359.69	0:00	0	0:00	0
2314	Other Structure	Non-Participating	317450.15	323827.68	0:00	0	0:00	0
2315	Other Structure	Non-Participating	317494.63	323738.77	0:00	0	0:00	0
2316	Other Structure	Non-Participating	317498.91	323727.25	0:00	0	0:00	0
2317	Other Structure	Non-Participating	317528.86	323754.60	0:00	0	0:00	0
2318	Other Structure	Non-Participating	315993.28	324226.41	0:00	0	0:00	0
2319	Other Structure	Non-Participating	315970.96	324225.32	0:00	0	0:00	0
2320	Other Structure	Non-Participating	316133.42	324212.00	0:00	0	0:00	0
2321	Other Structure	Non-Participating	316164.61	324281.24	0:00	0	0:00	0
2322	Other Structure	Non-Participating	316151.82	324289.84	0:00	0	0:00	0
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0
2330	Other Structure	Non-Participating	317822.66	328416.47	134:22	58	34:25	2065
2332	Other Structure	Non-Participating	317647.41	329132.20	110:42	54	27:44	1664
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Other Receptors								
<b>1018</b>	<b>Other Structure</b>	<b>Non-Participating</b>	<b>322768.96</b>	<b>323596.52</b>	<b>120:30</b>	<b>69</b>	<b>38:08</b>	<b>2288</b>
<b>118</b>	<b>Other Structure</b>	<b>Non-Participating</b>	<b>327569.77</b>	<b>320414.73</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1018	Other Structure	Non-Participating	322768.96	323596.52	120:30	69	38:08	2288
1355	Other Structure	Non-Participating	316895.66	327118.47	122:54	82	38:03	2283
2330	Other Structure	Non-Participating	317822.66	328416.47	134:22	58	34:25	2065
1354	Other Structure	Non-Participating	317083.62	327325.03	109:58	57	34:12	2052
1348	Other Structure	Non-Participating	317967.87	326252.19	104:36	52	32:02	1922
1357	Other Structure	Non-Participating	317584.54	329007.81	107:02	50	29:51	1791
2332	Other Structure	Non-Participating	317647.41	329132.20	110:42	54	27:44	1664
1019	Other Structure	Non-Participating	322667.63	323521.29	84:56	57	26:59	1619
1172	Other Structure	Non-Participating	327209.81	325397.87	141:15	99	24:50	1490
1349	Other Structure	Non-Participating	318025.94	326293.06	78:55	47	23:23	1403
1352	Other Structure	Non-Participating	317483.34	327547.59	73:24	37	22:00	1320
1353	Uninhabitable Residence	Non-Participating	317445.26	327510.19	71:45	35	21:27	1287
2115	Other Structure	Non-Participating	320833.86	326112.17	68:11	44	21:21	1281
1162	Other Structure	Non-Participating	323271.75	324925.88	75:49	48	21:00	1260
1127	Other Structure	Non-Participating	323892.51	326704.72	65:03	59	20:26	1226
1126	Other Structure	Non-Participating	323881.70	326742.76	62:28	60	18:58	1138
2291	Other Structure	Non-Participating	320780.79	326136.43	59:53	41	18:42	1122
1394	Other Structure	Non-Participating	320571.35	325988.92	56:39	46	18:31	1111
1131	Other Structure	Non-Participating	322882.40	326117.48	57:36	46	18:28	1108
1058	Other Structure	Non-Participating	326771.44	325364.16	74:48	45	16:47	1007
1160	Other Structure	Non-Participating	323107.91	324885.25	57:20	50	15:56	956
1393	Other Structure	Non-Participating	320974.93	326062.30	50:55	52	15:52	952
1128	Other Structure	Non-Participating	323967.35	326704.37	50:05	53	15:39	939
1395	Other Structure	Non-Participating	320707.00	326260.82	48:12	52	14:05	845
620	Other Structure	Non-Participating	326649.95	325722.39	81:33	67	13:06	786
1362	Other Structure	Non-Participating	319914.74	329076.51	52:33	46	11:53	713
1363	Other Structure	Non-Participating	319950.57	328307.72	52:56	41	11:12	672
1350	Other Structure	Non-Participating	318007.03	326758.44	57:07	40	10:57	657
1351	Other Structure	Non-Participating	317830.57	326862.15	46:53	48	10:53	653
1047	Other Structure	Non-Participating	328487.87	324838.03	36:01	34	10:07	607
1123	Other Structure	Non-Participating	325323.70	325582.46	45:57	66	9:57	597
1356	Other Structure	Non-Participating	317248.23	329173.60	35:09	34	9:19	559
2146	Uninhabitable Residence	Non-Participating	321296.68	324239.95	29:29	43	9:18	558
1062	Other Structure	Non-Participating	328096.09	325350.20	39:36	47	8:38	518
1854	Other Structure	Non-Participating	316794.89	328352.51	52:46	41	8:23	503
1361	Other Structure	Non-Participating	319775.99	329464.40	53:24	44	8:10	490
1048	Other Structure	Non-Participating	328548.19	324997.78	29:56	32	7:35	455
2309	Other Structure	Non-Participating	315245.36	326638.79	23:19	27	7:22	442
1130	Other Structure	Non-Participating	324323.73	325521.34	50:20	55	7:21	441
1133	Other Structure	Non-Participating	323114.97	325565.48	39:03	35	7:18	438
1046	Other Structure	Non-Participating	328568.33	325013.85	28:47	31	7:11	431
1358	Other Structure	Non-Participating	318279.50	329674.45	45:43	75	6:59	419

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1387	Other Structure	Non-Participating	320994.33	327539.98	43:22	54	6:36	396
1360	Other Structure	Non-Participating	319121.20	329629.43	33:13	36	6:30	390
1132	Other Structure	Non-Participating	323089.76	325454.68	31:45	35	6:04	364
1359	Other Structure	Non-Participating	319039.03	329746.32	28:35	37	5:10	310
1134	Other Structure	Non-Participating	324362.59	323896.97	15:35	31	4:22	262
1158	Other Structure	Non-Participating	324390.06	323878.53	15:02	30	4:16	256
1136	Other Structure	Non-Participating	324417.97	323839.93	14:32	30	4:13	253
1121	Other Structure	Non-Participating	324342.93	327561.64	27:16	28	4:07	247
1135	Other Structure	Non-Participating	324442.51	323849.41	13:58	29	4:02	242
1137	Other Structure	Non-Participating	324361.51	323988.16	15:14	30	3:59	239
1051	Other Structure	Non-Participating	327116.80	323472.60	11:41	24	3:57	237
1159	Other Structure	Non-Participating	324387.15	323987.08	14:33	30	3:49	229
1364	Other Structure	Non-Participating	317668.43	327310.91	12:04	29	3:28	208
1050	Other Structure	Non-Participating	328658.47	325378.76	12:35	27	3:00	180
1386	Other Structure	Non-Participating	322467.53	327513.85	18:23	29	2:58	178
1332	Other Structure	Non-Participating	314635.73	327847.18	9:30	24	2:46	166
1327	Other Structure	Non-Participating	316879.42	329389.63	9:46	24	2:39	159
1385	Other Structure	Non-Participating	322485.59	327517.32	16:13	28	2:35	155
1125	Other Structure	Non-Participating	323751.58	327372.87	6:13	21	0:47	47
750	Uninhabitable Residence	Non-Participating	326658.78	325974.90	5:46	18	0:45	45
1389	Other Structure	Non-Participating	322047.05	327592.90	0:00	0	0:00	0
1329	Other Structure	Non-Participating	314783.24	328597.48	0:00	0	0:00	0
1328	Other Structure	Non-Participating	316758.86	329357.41	0:00	0	0:00	0
118	Other Structure	Non-Participating	327569.77	320414.73	0:00	0	0:00	0
412	Other Structure	Non-Participating	324040.99	321207.79	0:00	0	0:00	0
462	Other Structure	Non-Participating	329939.45	323374.80	0:00	0	0:00	0
481	Other Structure	Non-Participating	330069.15	325088.93	0:00	0	0:00	0
484	Uninhabitable Residence	Non-Participating	330020.52	325091.57	0:00	0	0:00	0
491	Uninhabitable Residence	Non-Participating	330035.16	325306.41	0:00	0	0:00	0
589	Other Structure	Non-Participating	329922.72	326463.19	0:00	0	0:00	0
602	Other Structure	Non-Participating	328697.73	327290.64	0:00	0	0:00	0
680	Other Structure	Non-Participating	324991.12	327110.03	0:00	0	0:00	0
695	Other Structure	Non-Participating	324019.12	325983.44	0:00	0	0:00	0
749	Uninhabitable Residence	Non-Participating	325427.50	322587.59	0:00	0	0:00	0
911	Other Structure	Non-Participating	325747.79	321829.83	0:00	0	0:00	0
912	Other Structure	Non-Participating	325960.03	322090.44	0:00	0	0:00	0
913	Other Structure	Non-Participating	325499.84	322229.46	0:00	0	0:00	0
914	Other Structure	Non-Participating	326295.10	322331.28	0:00	0	0:00	0
915	Other Structure	Non-Participating	326388.80	322259.82	0:00	0	0:00	0
916	Other Structure	Non-Participating	326429.68	322190.25	0:00	0	0:00	0
917	Other Structure	Non-Participating	326399.39	322105.37	0:00	0	0:00	0
918	Other Structure	Non-Participating	326563.95	322013.34	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
919	Other Structure	Non-Participating	326537.42	321888.32	0:00	0	0:00	0
920	Other Structure	Non-Participating	326174.55	321181.43	0:00	0	0:00	0
921	Other Structure	Non-Participating	326695.44	320839.11	0:00	0	0:00	0
922	Other Structure	Non-Participating	326433.16	320452.94	0:00	0	0:00	0
923	Other Structure	Non-Participating	326392.99	320462.32	0:00	0	0:00	0
924	Other Structure	Non-Participating	326312.09	320527.43	0:00	0	0:00	0
925	Other Structure	Non-Participating	326299.87	320512.13	0:00	0	0:00	0
926	Other Structure	Non-Participating	326433.12	320563.38	0:00	0	0:00	0
927	Other Structure	Non-Participating	326419.88	320541.47	0:00	0	0:00	0
928	Other Structure	Non-Participating	326720.68	320546.98	0:00	0	0:00	0
929	Other Structure	Non-Participating	326830.93	320538.82	0:00	0	0:00	0
930	Other Structure	Non-Participating	326792.98	320808.69	0:00	0	0:00	0
931	Other Structure	Non-Participating	326848.21	321346.14	0:00	0	0:00	0
932	Other Structure	Non-Participating	326780.51	321324.08	0:00	0	0:00	0
933	Other Structure	Non-Participating	326687.19	321466.29	0:00	0	0:00	0
934	Other Structure	Non-Participating	326712.29	321464.80	0:00	0	0:00	0
935	Other Structure	Non-Participating	327396.16	321276.88	0:00	0	0:00	0
936	Other Structure	Non-Participating	327362.15	320889.53	0:00	0	0:00	0
937	Other Structure	Non-Participating	327412.58	320667.15	0:00	0	0:00	0
938	Other Structure	Non-Participating	327449.21	320721.84	0:00	0	0:00	0
939	Other Structure	Non-Participating	327312.78	320545.75	0:00	0	0:00	0
941	Other Structure	Non-Participating	327390.99	320332.02	0:00	0	0:00	0
942	Other Structure	Non-Participating	327919.48	320363.21	0:00	0	0:00	0
943	Other Structure	Non-Participating	328257.65	320555.28	0:00	0	0:00	0
944	Other Structure	Non-Participating	328149.72	320630.22	0:00	0	0:00	0
945	Other Structure	Non-Participating	328309.79	320741.05	0:00	0	0:00	0
946	Other Structure	Non-Participating	328233.43	320990.58	0:00	0	0:00	0
947	Other Structure	Non-Participating	328235.42	321359.05	0:00	0	0:00	0
948	Other Structure	Non-Participating	328286.16	321910.65	0:00	0	0:00	0
949	Other Structure	Non-Participating	328288.12	322112.27	0:00	0	0:00	0
950	Other Structure	Non-Participating	328226.29	322129.06	0:00	0	0:00	0
951	Other Structure	Non-Participating	326739.25	322251.25	0:00	0	0:00	0
952	Other Structure	Non-Participating	326828.03	322230.17	0:00	0	0:00	0
953	Other Structure	Non-Participating	326827.94	322215.81	0:00	0	0:00	0
954	Other Structure	Non-Participating	326824.93	322048.39	0:00	0	0:00	0
955	Other Structure	Non-Participating	326714.74	322072.12	0:00	0	0:00	0
956	Other Structure	Non-Participating	326656.71	322061.58	0:00	0	0:00	0
957	Other Structure	Non-Participating	326693.96	322078.13	0:00	0	0:00	0
958	Other Structure	Non-Participating	326519.94	322211.94	0:00	0	0:00	0
959	Other Structure	Non-Participating	326630.13	322222.25	0:00	0	0:00	0
960	Other Structure	Non-Participating	326632.01	322281.28	0:00	0	0:00	0
961	Other Structure	Non-Participating	326633.24	322312.83	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
962	Other Structure	Non-Participating	326665.42	322305.33	0:00	0	0:00	0
965	Other Structure	Non-Participating	326196.23	322564.38	0:00	0	0:00	0
966	Other Structure	Non-Participating	326383.45	322524.57	0:00	0	0:00	0
967	Other Structure	Non-Participating	326324.75	322541.18	0:00	0	0:00	0
968	Other Structure	Non-Participating	326550.76	322425.15	0:00	0	0:00	0
970	Other Structure	Non-Participating	326730.97	322488.43	0:00	0	0:00	0
971	Other Structure	Non-Participating	326995.35	322437.26	0:00	0	0:00	0
972	Other Structure	Non-Participating	327041.02	322689.95	0:00	0	0:00	0
973	Other Structure	Non-Participating	327002.98	322848.57	0:00	0	0:00	0
974	Other Structure	Non-Participating	327078.81	323018.33	0:00	0	0:00	0
975	Other Structure	Non-Participating	327112.66	323288.45	0:00	0	0:00	0
976	Other Structure	Non-Participating	327115.74	322224.52	0:00	0	0:00	0
977	Other Structure	Non-Participating	327222.72	322271.45	0:00	0	0:00	0
978	Other Structure	Non-Participating	327125.55	322375.49	0:00	0	0:00	0
979	Other Structure	Non-Participating	327215.16	322375.70	0:00	0	0:00	0
980	Other Structure	Non-Participating	327276.94	322360.52	0:00	0	0:00	0
981	Other Structure	Non-Participating	327411.08	322406.05	0:00	0	0:00	0
982	Other Structure	Non-Participating	327465.45	322338.70	0:00	0	0:00	0
983	Other Structure	Non-Participating	327627.60	322413.81	0:00	0	0:00	0
984	Other Structure	Non-Participating	327790.78	322121.55	0:00	0	0:00	0
985	Other Structure	Non-Participating	327833.48	322215.18	0:00	0	0:00	0
986	Other Structure	Non-Participating	327788.28	322178.27	0:00	0	0:00	0
987	Other Structure	Non-Participating	328207.05	322302.38	0:00	0	0:00	0
988	Other Structure	Non-Participating	328602.70	322447.82	0:00	0	0:00	0
989	Other Structure	Non-Participating	329035.18	322249.44	0:00	0	0:00	0
990	Other Structure	Non-Participating	329252.46	322156.17	0:00	0	0:00	0
991	Other Structure	Non-Participating	329914.09	321570.03	0:00	0	0:00	0
992	Other Structure	Non-Participating	329968.23	321343.49	0:00	0	0:00	0
993	Other Structure	Non-Participating	325120.41	322599.65	0:00	0	0:00	0
994	Other Structure	Non-Participating	324446.37	322763.30	0:00	0	0:00	0
995	Other Structure	Non-Participating	324374.20	322447.69	0:00	0	0:00	0
996	Other Structure	Non-Participating	324339.02	322221.96	0:00	0	0:00	0
997	Other Structure	Non-Participating	324148.28	321742.60	0:00	0	0:00	0
999	Other Structure	Non-Participating	324301.43	321524.92	0:00	0	0:00	0
1000	Other Structure	Non-Participating	324271.58	321564.88	0:00	0	0:00	0
1001	Other Structure	Non-Participating	324229.01	321561.68	0:00	0	0:00	0
1002	Other Structure	Non-Participating	324338.95	321479.73	0:00	0	0:00	0
1004	Other Structure	Non-Participating	323941.87	321372.15	0:00	0	0:00	0
1005	Other Structure	Non-Participating	325147.48	321608.38	0:00	0	0:00	0
1006	Other Structure	Non-Participating	324722.36	321815.03	0:00	0	0:00	0
1007	Other Structure	Non-Participating	325728.29	321416.90	0:00	0	0:00	0
1008	Other Structure	Non-Participating	324178.87	322397.91	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1009	Other Structure	Non-Participating	323718.82	322666.55	0:00	0	0:00	0
1010	Other Structure	Non-Participating	323730.40	322622.06	0:00	0	0:00	0
1011	Other Structure	Non-Participating	323958.93	323146.08	0:00	0	0:00	0
1012	Other Structure	Non-Participating	324001.40	322885.14	0:00	0	0:00	0
1013	Other Structure	Non-Participating	323766.56	323030.05	0:00	0	0:00	0
1014	Other Structure	Non-Participating	323889.82	323141.21	0:00	0	0:00	0
1015	Other Structure	Non-Participating	323840.09	323165.41	0:00	0	0:00	0
1016	Other Structure	Non-Participating	323567.31	323030.20	0:00	0	0:00	0
1020	Other Structure	Non-Participating	329973.81	321926.85	0:00	0	0:00	0
1021	Other Structure	Non-Participating	329911.73	322977.07	0:00	0	0:00	0
1022	Other Structure	Non-Participating	329829.87	322944.56	0:00	0	0:00	0
1023	Other Structure	Non-Participating	330306.05	323247.13	0:00	0	0:00	0
1024	Other Structure	Non-Participating	330322.99	323252.16	0:00	0	0:00	0
1026	Other Structure	Non-Participating	330023.95	323915.34	0:00	0	0:00	0
1027	Other Structure	Non-Participating	329976.66	323989.52	0:00	0	0:00	0
1028	Other Structure	Non-Participating	330015.41	325006.53	0:00	0	0:00	0
1029	Other Structure	Non-Participating	330021.35	325107.16	0:00	0	0:00	0
1030	Other Structure	Non-Participating	330000.97	325150.51	0:00	0	0:00	0
1031	Other Structure	Non-Participating	329998.76	325266.03	0:00	0	0:00	0
1032	Other Structure	Non-Participating	330083.43	325328.10	0:00	0	0:00	0
1033	Other Structure	Non-Participating	330162.79	325409.00	0:00	0	0:00	0
1034	Other Structure	Non-Participating	330097.74	325547.50	0:00	0	0:00	0
1035	Other Structure	Non-Participating	330164.32	325727.51	0:00	0	0:00	0
1036	Other Structure	Non-Participating	330665.24	326426.28	0:00	0	0:00	0
1037	Other Structure	Non-Participating	330197.33	325127.39	0:00	0	0:00	0
1038	Other Structure	Non-Participating	330594.93	325074.13	0:00	0	0:00	0
1039	Other Structure	Non-Participating	330604.94	324953.69	0:00	0	0:00	0
1040	Other Structure	Non-Participating	331068.24	325078.89	0:00	0	0:00	0
1041	Other Structure	Non-Participating	331033.86	324866.56	0:00	0	0:00	0
1042	Other Structure	Non-Participating	329945.40	323560.42	0:00	0	0:00	0
1043	Other Structure	Non-Participating	329311.77	323906.07	0:00	0	0:00	0
1044	Other Structure	Non-Participating	329797.34	325002.99	0:00	0	0:00	0
1045	Other Structure	Non-Participating	329873.77	324933.14	0:00	0	0:00	0
1052	Other Structure	Non-Participating	326987.84	323478.50	0:00	0	0:00	0
1063	Other Structure	Non-Participating	327897.56	325767.53	0:00	0	0:00	0
1064	Other Structure	Non-Participating	328026.71	326100.95	0:00	0	0:00	0
1065	Other Structure	Non-Participating	327522.50	326326.75	0:00	0	0:00	0
1066	Other Structure	Non-Participating	327019.84	326783.77	0:00	0	0:00	0
1067	Other Structure	Non-Participating	327016.51	326842.12	0:00	0	0:00	0
1068	Other Structure	Non-Participating	326579.85	326875.91	0:00	0	0:00	0
1069	Other Structure	Non-Participating	326457.74	326912.81	0:00	0	0:00	0
1070	Other Structure	Non-Participating	326827.72	327124.85	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1071	Other Structure	Non-Participating	326671.04	327339.74	0:00	0	0:00	0
1072	Other Structure	Non-Participating	326851.00	327525.88	0:00	0	0:00	0
1073	Other Structure	Non-Participating	328550.01	322612.44	0:00	0	0:00	0
1074	Other Structure	Non-Participating	328499.86	322743.78	0:00	0	0:00	0
1075	Other Structure	Non-Participating	328582.36	322871.75	0:00	0	0:00	0
1076	Other Structure	Non-Participating	328465.75	323063.51	0:00	0	0:00	0
1077	Other Structure	Non-Participating	330076.16	326323.82	0:00	0	0:00	0
1078	Other Structure	Non-Participating	329857.22	326326.74	0:00	0	0:00	0
1079	Other Structure	Non-Participating	329661.00	326892.42	0:00	0	0:00	0
1080	Other Structure	Non-Participating	329781.42	327276.00	0:00	0	0:00	0
1081	Other Structure	Non-Participating	329670.12	327432.08	0:00	0	0:00	0
1082	Other Structure	Non-Participating	329769.86	327548.61	0:00	0	0:00	0
1084	Other Structure	Non-Participating	327890.07	327531.14	0:00	0	0:00	0
1085	Other Structure	Non-Participating	327745.99	327175.04	0:00	0	0:00	0
1086	Other Structure	Non-Participating	327712.03	327144.66	0:00	0	0:00	0
1087	Other Structure	Non-Participating	327403.30	326820.12	0:00	0	0:00	0
1088	Other Structure	Non-Participating	326599.31	326178.73	0:00	0	0:00	0
1089	Other Structure	Non-Participating	326398.66	326636.40	0:00	0	0:00	0
1090	Other Structure	Non-Participating	326339.69	326934.82	0:00	0	0:00	0
1093	Other Structure	Non-Participating	325895.39	326973.96	0:00	0	0:00	0
1094	Other Structure	Non-Participating	325744.51	327209.49	0:00	0	0:00	0
1095	Other Structure	Non-Participating	325742.99	327549.78	0:00	0	0:00	0
1096	Other Structure	Non-Participating	325606.79	328054.27	0:00	0	0:00	0
1097	Other Structure	Non-Participating	325665.49	328119.62	0:00	0	0:00	0
1098	Other Structure	Non-Participating	325679.50	328218.76	0:00	0	0:00	0
1099	Other Structure	Non-Participating	325753.53	328312.85	0:00	0	0:00	0
1100	Other Structure	Non-Participating	325765.49	328284.83	0:00	0	0:00	0
1101	Other Structure	Non-Participating	325750.43	328267.35	0:00	0	0:00	0
1102	Other Structure	Non-Participating	325463.26	326968.72	0:00	0	0:00	0
1103	Other Structure	Non-Participating	325665.82	328395.13	0:00	0	0:00	0
1104	Other Structure	Non-Participating	325628.64	328532.60	0:00	0	0:00	0
1105	Other Structure	Non-Participating	326366.82	328532.77	0:00	0	0:00	0
1106	Other Structure	Non-Participating	326866.25	328429.98	0:00	0	0:00	0
1107	Other Structure	Non-Participating	326870.82	328466.60	0:00	0	0:00	0
1108	Other Structure	Non-Participating	326022.61	325718.83	0:00	0	0:00	0
1109	Other Structure	Non-Participating	325639.01	326011.45	0:00	0	0:00	0
1110	Other Structure	Non-Participating	325723.58	326051.31	0:00	0	0:00	0
1111	Other Structure	Non-Participating	325729.76	326112.44	0:00	0	0:00	0
1112	Other Structure	Non-Participating	325741.40	326218.44	0:00	0	0:00	0
1113	Other Structure	Non-Participating	325644.77	326799.79	0:00	0	0:00	0
1114	Other Structure	Non-Participating	325254.34	326799.37	0:00	0	0:00	0
1115	Other Structure	Non-Participating	325240.75	326892.41	0:00	0	0:00	0



Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1116	Other Structure	Non-Participating	325367.16	326963.48	0:00	0	0:00	0
1117	Other Structure	Non-Participating	324636.50	328365.31	0:00	0	0:00	0
1118	Other Structure	Non-Participating	323920.13	328066.70	0:00	0	0:00	0
1119	Other Structure	Non-Participating	324098.99	327992.87	0:00	0	0:00	0
1120	Other Structure	Non-Participating	324300.97	327935.49	0:00	0	0:00	0
1124	Other Structure	Non-Participating	323667.05	327394.95	0:00	0	0:00	0
1142	Other Structure	Non-Participating	325531.74	326674.47	0:00	0	0:00	0
1143	Other Structure	Non-Participating	328104.06	320425.18	0:00	0	0:00	0
1149	Other Structure	Non-Participating	329968.54	325124.57	0:00	0	0:00	0
1151	Other Structure	Non-Participating	330048.73	326332.33	0:00	0	0:00	0
1154	Other Structure	Non-Participating	325855.64	326639.69	0:00	0	0:00	0
1155	Other Structure	Non-Participating	325009.86	326305.83	0:00	0	0:00	0
1170	Uninhabitable Residence	Non-Participating	329676.46	327804.52	0:00	0	0:00	0
1180	Other Structure	Non-Participating	323341.35	322399.75	0:00	0	0:00	0
1181	Other Structure	Non-Participating	326889.51	320634.53	0:00	0	0:00	0
1182	Other Structure	Non-Participating	326888.51	320657.54	0:00	0	0:00	0
1204	Other Structure	Non-Participating	315578.61	331517.42	0:00	0	0:00	0
1286	Other Structure	Non-Participating	322378.49	323100.70	0:00	0	0:00	0
1302	Other Structure	Non-Participating	313003.01	327003.84	0:00	0	0:00	0
1303	Other Structure	Non-Participating	314724.48	331396.45	0:00	0	0:00	0
1304	Other Structure	Non-Participating	314236.77	327373.63	0:00	0	0:00	0
1305	Other Structure	Non-Participating	313962.55	327631.86	0:00	0	0:00	0
1306	Other Structure	Non-Participating	313478.52	328774.88	0:00	0	0:00	0
1307	Other Structure	Non-Participating	314359.62	330014.40	0:00	0	0:00	0
1308	Other Structure	Non-Participating	315753.64	332138.16	0:00	0	0:00	0
1309	Other Structure	Non-Participating	317146.03	332061.13	0:00	0	0:00	0
1310	Other Structure	Non-Participating	318050.11	332095.73	0:00	0	0:00	0
1311	Other Structure	Non-Participating	318861.46	332982.28	0:00	0	0:00	0
1312	Other Structure	Non-Participating	318701.47	333470.70	0:00	0	0:00	0
1313	Other Structure	Non-Participating	318830.31	333476.40	0:00	0	0:00	0
1314	Other Structure	Non-Participating	319219.03	333313.90	0:00	0	0:00	0
1315	Other Structure	Non-Participating	319558.52	333306.26	0:00	0	0:00	0
1316	Other Structure	Non-Participating	317317.04	333551.41	0:00	0	0:00	0
1317	Other Structure	Non-Participating	318928.89	332985.76	0:00	0	0:00	0
1318	Other Structure	Non-Participating	318940.58	332181.83	0:00	0	0:00	0
1319	Other Structure	Non-Participating	319002.13	332103.01	0:00	0	0:00	0
1320	Other Structure	Non-Participating	318928.16	331682.94	0:00	0	0:00	0
1321	Other Structure	Non-Participating	318457.26	331635.95	0:00	0	0:00	0
1322	Other Structure	Non-Participating	318283.85	331698.53	0:00	0	0:00	0
1323	Other Structure	Non-Participating	316854.34	330952.33	0:00	0	0:00	0
1324	Other Structure	Non-Participating	316842.78	330513.60	0:00	0	0:00	0
1325	Other Structure	Non-Participating	315338.46	330221.76	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1326	Other Structure	Non-Participating	315769.32	330184.48	0:00	0	0:00	0
1330	Other Structure	Non-Participating	314820.52	328833.90	0:00	0	0:00	0
1331	Other Structure	Non-Participating	314731.75	328934.19	0:00	0	0:00	0
1333	Other Structure	Non-Participating	315252.38	325610.21	0:00	0	0:00	0
1334	Other Structure	Non-Participating	315252.83	324271.48	0:00	0	0:00	0
1335	Other Structure	Non-Participating	315888.75	324226.64	0:00	0	0:00	0
1336	Other Structure	Non-Participating	315942.67	324199.68	0:00	0	0:00	0
1337	Other Structure	Non-Participating	315832.35	324123.20	0:00	0	0:00	0
1338	Other Structure	Non-Participating	315751.58	323624.11	0:00	0	0:00	0
1339	Other Structure	Non-Participating	316078.36	323937.35	0:00	0	0:00	0
1340	Other Structure	Non-Participating	316142.51	323662.02	0:00	0	0:00	0
1341	Other Structure	Non-Participating	316235.27	323668.24	0:00	0	0:00	0
1342	Other Structure	Non-Participating	316592.95	323519.61	0:00	0	0:00	0
1343	Other Structure	Non-Participating	315928.09	324319.75	0:00	0	0:00	0
1344	Other Structure	Non-Participating	316204.61	324208.18	0:00	0	0:00	0
1345	Other Structure	Non-Participating	318285.87	324060.86	0:00	0	0:00	0
1346	Other Structure	Non-Participating	318330.71	323924.89	0:00	0	0:00	0
1347	Other Structure	Non-Participating	317924.80	323615.41	0:00	0	0:00	0
1366	Other Structure	Non-Participating	320578.83	331496.39	0:00	0	0:00	0
1367	Other Structure	Non-Participating	320240.75	331397.70	0:00	0	0:00	0
1368	Other Structure	Non-Participating	319933.28	332566.55	0:00	0	0:00	0
1369	Other Structure	Non-Participating	321023.01	331014.06	0:00	0	0:00	0
1370	Other Structure	Non-Participating	321929.28	329227.03	0:00	0	0:00	0
1371	Other Structure	Non-Participating	322288.73	329298.61	0:00	0	0:00	0
1372	Other Structure	Non-Participating	323180.50	329372.93	0:00	0	0:00	0
1373	Other Structure	Non-Participating	322775.23	330114.71	0:00	0	0:00	0
1374	Other Structure	Non-Participating	322703.97	330871.45	0:00	0	0:00	0
1375	Other Structure	Non-Participating	323270.92	329761.67	0:00	0	0:00	0
1376	Other Structure	Non-Participating	323329.15	329708.23	0:00	0	0:00	0
1377	Other Structure	Non-Participating	323498.59	329812.09	0:00	0	0:00	0
1378	Other Structure	Non-Participating	323290.46	329840.43	0:00	0	0:00	0
1379	Other Structure	Non-Participating	324572.39	329653.98	0:00	0	0:00	0
1380	Other Structure	Non-Participating	323764.61	329463.24	0:00	0	0:00	0
1381	Other Structure	Non-Participating	324000.09	329100.09	0:00	0	0:00	0
1382	Other Structure	Non-Participating	323469.68	328122.91	0:00	0	0:00	0
1383	Other Structure	Non-Participating	323305.27	328251.07	0:00	0	0:00	0
1384	Other Structure	Non-Participating	322996.15	329319.66	0:00	0	0:00	0
1388	Other Structure	Non-Participating	321924.39	327555.91	0:00	0	0:00	0
1390	Other Structure	Non-Participating	322378.05	327831.14	0:00	0	0:00	0
1396	Other Structure	Non-Participating	321561.34	325443.95	0:00	0	0:00	0
1398	Other Structure	Non-Participating	319828.35	325368.69	0:00	0	0:00	0
1399	Other Structure	Non-Participating	319408.77	323882.38	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1400	Other Structure	Non-Participating	319369.46	323944.70	0:00	0	0:00	0
1401	Other Structure	Non-Participating	319340.92	323904.95	0:00	0	0:00	0
1402	Other Structure	Non-Participating	319610.74	323757.30	0:00	0	0:00	0
1403	Other Structure	Non-Participating	319775.51	323580.80	0:00	0	0:00	0
1404	Other Structure	Non-Participating	319084.50	322427.86	0:00	0	0:00	0
1405	Other Structure	Non-Participating	319110.58	322696.95	0:00	0	0:00	0
1407	Other Structure	Non-Participating	320562.51	322376.65	0:00	0	0:00	0
1408	Other Structure	Non-Participating	321285.77	322609.63	0:00	0	0:00	0
1420	Other Structure	Non-Participating	314397.28	329980.92	0:00	0	0:00	0
1424	Other Structure	Non-Participating	316379.15	328938.57	0:00	0	0:00	0
1435	Uninhabitable Residence	Non-Participating	323164.68	329684.71	0:00	0	0:00	0
1436	Uninhabitable Residence	Non-Participating	323216.50	329943.53	0:00	0	0:00	0
1437	Uninhabitable Residence	Non-Participating	320795.04	323737.37	0:00	0	0:00	0
1495	Uninhabitable Residence	Non-Participating	313666.97	328664.44	0:00	0	0:00	0
1518	Other Structure	Non-Participating	314311.74	330093.18	0:00	0	0:00	0
1560	Uninhabitable Residence	Non-Participating	318770.01	333472.83	0:00	0	0:00	0
1591	Other Structure	Non-Participating	316752.13	330029.39	0:00	0	0:00	0
1594	Other Structure	Non-Participating	315955.43	329955.99	0:00	0	0:00	0
1596	Other Structure	Non-Participating	315780.10	330089.50	0:00	0	0:00	0
1663	Other Structure	Non-Participating	315191.09	325642.82	0:00	0	0:00	0
1798	Other Structure	Non-Participating	318265.60	324749.32	0:00	0	0:00	0
1923	Other Structure	Non-Participating	320514.55	330716.65	0:00	0	0:00	0
1924	Uninhabitable Residence	Non-Participating	320473.96	330853.12	0:00	0	0:00	0
1951	Uninhabitable Residence	Non-Participating	320317.19	331577.43	0:00	0	0:00	0
1972	Uninhabitable Residence	Non-Participating	323048.61	329386.03	0:00	0	0:00	0
2017	Uninhabitable Residence	Non-Participating	323350.10	329873.49	0:00	0	0:00	0
2025	Uninhabitable Residence	Non-Participating	323147.65	329856.55	0:00	0	0:00	0
2035	Other Structure	Non-Participating	323505.03	330037.11	0:00	0	0:00	0
2070	Uninhabitable Residence	Non-Participating	323188.70	328677.66	0:00	0	0:00	0
2123	Other Structure	Non-Participating	320035.74	325178.46	0:00	0	0:00	0
2145	Uninhabitable Residence	Non-Participating	321305.89	324003.25	0:00	0	0:00	0
2205	Other Structure	Non-Participating	317703.22	322971.96	0:00	0	0:00	0
2207	Other Structure	Non-Participating	317058.07	322752.09	0:00	0	0:00	0
2209	Other Structure	Non-Participating	319843.13	322657.14	0:00	0	0:00	0
2211	Other Structure	Non-Participating	320289.45	322217.39	0:00	0	0:00	0
2212	Other Structure	Non-Participating	318987.54	322594.00	0:00	0	0:00	0
2214	Other Structure	Non-Participating	321418.73	322722.89	0:00	0	0:00	0
2215	Other Structure	Non-Participating	319010.06	322564.76	0:00	0	0:00	0
2218	Other Structure	Non-Participating	315662.22	322967.73	0:00	0	0:00	0
2219	Other Structure	Non-Participating	321413.78	322721.42	0:00	0	0:00	0
2220	Other Structure	Non-Participating	317067.96	322775.05	0:00	0	0:00	0
2221	Other Structure	Non-Participating	319476.95	322635.90	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2222	Other Structure	Non-Participating	320050.92	322098.04	0:00	0	0:00	0
2223	Other Structure	Non-Participating	317340.93	323389.67	0:00	0	0:00	0
2224	Other Structure	Non-Participating	315711.98	323081.80	0:00	0	0:00	0
2225	Other Structure	Non-Participating	320647.91	322381.46	0:00	0	0:00	0
2226	Other Structure	Non-Participating	319656.17	322701.60	0:00	0	0:00	0
2227	Other Structure	Non-Participating	315593.95	323354.67	0:00	0	0:00	0
2228	Other Structure	Non-Participating	315896.91	324200.07	0:00	0	0:00	0
2231	Other Structure	Non-Participating	322305.25	321259.93	0:00	0	0:00	0
2232	Other Structure	Non-Participating	323657.16	320828.94	0:00	0	0:00	0
2233	Other Structure	Non-Participating	320154.78	322581.04	0:00	0	0:00	0
2234	Other Structure	Non-Participating	321055.55	322623.34	0:00	0	0:00	0
2235	Other Structure	Non-Participating	321579.55	322766.04	0:00	0	0:00	0
2236	Other Structure	Non-Participating	316996.72	322864.03	0:00	0	0:00	0
2237	Other Structure	Non-Participating	319687.26	322630.79	0:00	0	0:00	0
2238	Other Structure	Non-Participating	322327.98	321131.09	0:00	0	0:00	0
2239	Other Structure	Non-Participating	315608.16	323422.04	0:00	0	0:00	0
2241	Other Structure	Non-Participating	320864.63	322486.69	0:00	0	0:00	0
2242	Other Structure	Non-Participating	322360.26	321455.91	0:00	0	0:00	0
2244	Other Structure	Non-Participating	315691.63	323065.30	0:00	0	0:00	0
2245	Other Structure	Non-Participating	320140.82	322597.03	0:00	0	0:00	0
2246	Other Structure	Non-Participating	320049.57	322080.52	0:00	0	0:00	0
2247	Other Structure	Non-Participating	318127.33	322688.93	0:00	0	0:00	0
2248	Other Structure	Non-Participating	317000.80	322821.30	0:00	0	0:00	0
2249	Other Structure	Non-Participating	317501.17	323331.39	0:00	0	0:00	0
2250	Other Structure	Non-Participating	320284.65	322219.83	0:00	0	0:00	0
2252	Other Structure	Non-Participating	314311.30	323836.85	0:00	0	0:00	0
2253	Other Structure	Non-Participating	321448.05	322679.46	0:00	0	0:00	0
2254	Other Structure	Non-Participating	322454.19	321494.32	0:00	0	0:00	0
2255	Other Structure	Non-Participating	322788.16	320590.09	0:00	0	0:00	0
2256	Other Structure	Non-Participating	321506.83	322735.91	0:00	0	0:00	0
2259	Other Structure	Non-Participating	319480.80	322537.90	0:00	0	0:00	0
2260	Other Structure	Non-Participating	315825.24	323999.20	0:00	0	0:00	0
2261	Other Structure	Non-Participating	319734.70	322582.16	0:00	0	0:00	0
2262	Other Structure	Non-Participating	320005.93	322720.19	0:00	0	0:00	0
2263	Other Structure	Non-Participating	323644.09	320846.32	0:00	0	0:00	0
2264	Other Structure	Non-Participating	315589.26	323539.59	0:00	0	0:00	0
2265	Other Structure	Non-Participating	319101.18	322547.51	0:00	0	0:00	0
2266	Other Structure	Non-Participating	314015.93	324412.05	0:00	0	0:00	0
2267	Other Structure	Non-Participating	315834.15	324000.79	0:00	0	0:00	0
2268	Other Structure	Non-Participating	321670.28	322746.73	0:00	0	0:00	0
2269	Other Structure	Non-Participating	319813.07	322633.01	0:00	0	0:00	0
2271	Other Structure	Non-Participating	321518.86	322735.63	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2274	Other Structure	Non-Participating	320123.08	322442.56	0:00	0	0:00	0
2275	Other Structure	Non-Participating	320622.75	322395.61	0:00	0	0:00	0
2276	Other Structure	Non-Participating	317639.38	322691.29	0:00	0	0:00	0
2277	Other Structure	Non-Participating	319527.20	322513.06	0:00	0	0:00	0
2279	Other Structure	Non-Participating	315815.59	324151.20	0:00	0	0:00	0
2280	Other Structure	Non-Participating	314356.99	324372.35	0:00	0	0:00	0
2281	Other Structure	Non-Participating	323007.40	320666.72	0:00	0	0:00	0
2283	Other Structure	Non-Participating	320698.38	322515.38	0:00	0	0:00	0
2284	Other Structure	Non-Participating	319080.34	322576.24	0:00	0	0:00	0
2287	Other Structure	Non-Participating	319349.55	323904.91	0:00	0	0:00	0
2299	Uninhabitable Residence	Non-Participating	318489.23	333474.94	0:00	0	0:00	0
2303	Other Structure	Non-Participating	322825.06	330139.69	0:00	0	0:00	0
2305	Other Structure	Non-Participating	315298.19	331494.85	0:00	0	0:00	0
2313	Other Structure	Non-Participating	314837.21	330359.69	0:00	0	0:00	0
2314	Other Structure	Non-Participating	317450.15	323827.68	0:00	0	0:00	0
2315	Other Structure	Non-Participating	317494.63	323738.77	0:00	0	0:00	0
2316	Other Structure	Non-Participating	317498.91	323727.25	0:00	0	0:00	0
2317	Other Structure	Non-Participating	317528.86	323754.60	0:00	0	0:00	0
2318	Other Structure	Non-Participating	315993.28	324226.41	0:00	0	0:00	0
2319	Other Structure	Non-Participating	315970.96	324225.32	0:00	0	0:00	0
2320	Other Structure	Non-Participating	316133.42	324212.00	0:00	0	0:00	0
2321	Other Structure	Non-Participating	316164.61	324281.24	0:00	0	0:00	0
2322	Other Structure	Non-Participating	316151.82	324289.84	0:00	0	0:00	0
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Other Receptors								
<b>1018</b>	<b>Other Structure</b>	<b>Non-Participating</b>	<b>322768.96</b>	<b>323596.52</b>	<b>120:30</b>	<b>69</b>	<b>38:08</b>	<b>2288</b>
<b>1389</b>	<b>Other Structure</b>	<b>Non-Participating</b>	<b>322047.05</b>	<b>327592.90</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-2.m: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0
707	Other Structure	Participating	323572.23	324755.20	70:23	54	19:06	1146
1053	Other Structure	Participating	326779.34	323994.06	103:47	56	32:05	1925
1054	Other Structure	Participating	326890.60	324140.60	164:27	74	49:50	2990
1055	Other Structure	Participating	326833.84	324582.29	166:19	66	37:44	2264
1056	Other Structure	Participating	326765.97	324596.30	170:42	58	42:38	2558
1057	Other Structure	Participating	326699.29	324617.22	173:27	64	47:26	2846
1138	Other Structure	Participating	322569.89	325206.55	49:53	39	8:26	506
1139	Other Structure	Participating	323024.33	325025.50	49:36	53	12:35	755
1140	Other Structure	Participating	323002.26	324993.56	48:48	55	12:35	755
1141	Other Structure	Participating	323039.52	324978.30	50:52	52	13:18	798
1161	Other Structure	Participating	323275.69	324990.73	74:17	48	19:30	1170
1391	Other Structure	Participating	321500.12	326342.74	69:41	50	20:00	1200
1392	Other Structure	Participating	321496.88	326287.98	66:45	51	19:50	1190
1397	Other Structure	Participating	322548.01	325197.20	50:17	40	8:28	508
1429	Uninhabitable Residence	Participating	317886.55	328175.99	96:29	68	24:13	1453
2086	Other Structure	Participating	322663.70	326721.51	119:29	93	28:30	1710
2292	Other Structure	Participating	317835.45	326202.77	105:34	66	31:01	1861
2328	Other Structure	Participating	316592.56	326974.92	59:34	49	11:39	699
2331	Other Structure	Participating	318820.70	328960.73	230:54	113	64:07	3847
Summary of Maximum and Minimum Shadow Flicker for Participating Other Receptors								
<b>2331</b>	<b>Other Structure</b>	<b>Participating</b>	<b>318820.70</b>	<b>328960.73</b>	<b>230:54</b>	<b>113</b>	<b>64:07</b>	<b>3847</b>
<b>450</b>	<b>Other Structure</b>	<b>Participating</b>	<b>323252.83</b>	<b>323325.13</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-2.n: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2331	Other Structure	Participating	318820.70	328960.73	230:54	113	64:07	3847
1054	Other Structure	Participating	326890.60	324140.60	164:27	74	49:50	2990
1057	Other Structure	Participating	326699.29	324617.22	173:27	64	47:26	2846
1056	Other Structure	Participating	326765.97	324596.30	170:42	58	42:38	2558
1055	Other Structure	Participating	326833.84	324582.29	166:19	66	37:44	2264
1053	Other Structure	Participating	326779.34	323994.06	103:47	56	32:05	1925
2292	Other Structure	Participating	317835.45	326202.77	105:34	66	31:01	1861
2086	Other Structure	Participating	322663.70	326721.51	119:29	93	28:30	1710
1429	Uninhabitable Residence	Participating	317886.55	328175.99	96:29	68	24:13	1453
1391	Other Structure	Participating	321500.12	326342.74	69:41	50	20:00	1200
1392	Other Structure	Participating	321496.88	326287.98	66:45	51	19:50	1190
1161	Other Structure	Participating	323275.69	324990.73	74:17	48	19:30	1170
707	Other Structure	Participating	323572.23	324755.20	70:23	54	19:06	1146
1141	Other Structure	Participating	323039.52	324978.30	50:52	52	13:18	798
1139	Other Structure	Participating	323024.33	325025.50	49:36	53	12:35	755
1140	Other Structure	Participating	323002.26	324993.56	48:48	55	12:35	755
2328	Other Structure	Participating	316592.56	326974.92	59:34	49	11:39	699
1397	Other Structure	Participating	322548.01	325197.20	50:17	40	8:28	508
1138	Other Structure	Participating	322569.89	325206.55	49:53	39	8:26	506
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Other Receptors								
<b>2331</b>	<b>Other Structure</b>	<b>Participating</b>	<b>318820.70</b>	<b>328960.73</b>	<b>230:54</b>	<b>113</b>	<b>64:07</b>	<b>3847</b>
<b>450</b>	<b>Other Structure</b>	<b>Participating</b>	<b>323252.83</b>	<b>323325.13</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-2.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0
752	Institutional Structure	Non-Participating	326598.11	321723.67	0:00	0	0:00	0
753	Institutional Structure	Non-Participating	326613.84	321752.77	0:00	0	0:00	0
754	Institutional Structure	Non-Participating	326618.79	321616.43	0:00	0	0:00	0
755	Institutional Structure	Non-Participating	326589.98	321656.57	0:00	0	0:00	0
756	Institutional Structure	Non-Participating	326564.38	321654.53	0:00	0	0:00	0
757	Institutional Structure	Non-Participating	326596.02	321586.60	0:00	0	0:00	0
758	Institutional Structure	Non-Participating	326623.24	321565.50	0:00	0	0:00	0
759	Institutional Structure	Non-Participating	326798.25	321543.40	0:00	0	0:00	0
760	Institutional Structure	Non-Participating	326760.18	321454.92	0:00	0	0:00	0
761	Institutional Structure	Non-Participating	326701.75	321565.69	0:00	0	0:00	0
762	Institutional Structure	Non-Participating	326673.45	321531.69	0:00	0	0:00	0
763	Institutional Structure	Non-Participating	326901.13	321538.15	0:00	0	0:00	0
764	Institutional Structure	Non-Participating	326834.36	321398.28	0:00	0	0:00	0
765	Institutional Structure	Non-Participating	327100.23	321344.02	0:00	0	0:00	0
766	Institutional Structure	Non-Participating	327087.21	321511.41	0:00	0	0:00	0
767	Institutional Structure	Non-Participating	327051.80	321624.76	0:00	0	0:00	0
768	Institutional Structure	Non-Participating	327029.55	321706.30	0:00	0	0:00	0
769	Institutional Structure	Non-Participating	327286.72	321632.83	0:00	0	0:00	0
770	Institutional Structure	Non-Participating	326692.24	321996.52	0:00	0	0:00	0
771	Institutional Structure	Non-Participating	327003.37	321818.98	0:00	0	0:00	0
772	Institutional Structure	Non-Participating	327063.02	321775.07	0:00	0	0:00	0
773	Institutional Structure	Non-Participating	327084.35	321815.47	0:00	0	0:00	0
774	Institutional Structure	Non-Participating	326974.23	321894.22	0:00	0	0:00	0
775	Institutional Structure	Non-Participating	326976.43	321971.91	0:00	0	0:00	0
776	Institutional Structure	Non-Participating	326927.65	322036.24	0:00	0	0:00	0
777	Institutional Structure	Non-Participating	327032.06	322056.30	0:00	0	0:00	0
778	Institutional Structure	Non-Participating	327031.01	322122.27	0:00	0	0:00	0
779	Institutional Structure	Non-Participating	326887.89	322211.67	0:00	0	0:00	0
780	Institutional Structure	Non-Participating	326992.09	322280.69	0:00	0	0:00	0
781	Institutional Structure	Non-Participating	326928.32	322296.76	0:00	0	0:00	0
782	Institutional Structure	Non-Participating	326903.79	322305.84	0:00	0	0:00	0
783	Institutional Structure	Non-Participating	326925.87	322121.48	0:00	0	0:00	0
784	Institutional Structure	Non-Participating	326766.88	322318.91	0:00	0	0:00	0
785	Institutional Structure	Non-Participating	326528.49	322292.14	0:00	0	0:00	0
787	Institutional Structure	Non-Participating	326364.70	322416.29	0:00	0	0:00	0
788	Institutional Structure	Non-Participating	326540.00	322397.40	0:00	0	0:00	0
789	Institutional Structure	Non-Participating	326397.84	322532.17	0:00	0	0:00	0
790	Institutional Structure	Non-Participating	326367.57	322592.43	0:00	0	0:00	0
791	Institutional Structure	Non-Participating	326316.09	322606.67	0:00	0	0:00	0
792	Institutional Structure	Non-Participating	326088.51	322986.36	0:00	0	0:00	0
793	Institutional Structure	Non-Participating	325982.02	322971.49	0:00	0	0:00	0
794	Institutional Structure	Non-Participating	325926.09	322989.02	0:00	0	0:00	0
795	Institutional Structure	Non-Participating	326953.44	322387.37	0:00	0	0:00	0
796	Institutional Structure	Non-Participating	327251.12	322318.82	0:00	0	0:00	0



Table B-2.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
797	Institutional Structure	Non-Participating	325662.43	327220.47	0:00	0	0:00	0
798	Institutional Structure	Non-Participating	325390.01	327360.59	0:00	0	0:00	0
799	Institutional Structure	Non-Participating	326904.24	321787.37	0:00	0	0:00	0
800	Institutional Structure	Non-Participating	325623.37	327287.76	0:00	0	0:00	0
897	Public Structure	Non-Participating	326518.73	322018.50	0:00	0	0:00	0
899	Public Structure	Non-Participating	327353.35	321189.97	0:00	0	0:00	0
900	Public Structure	Non-Participating	327307.02	321232.57	0:00	0	0:00	0
901	Public Structure	Non-Participating	327420.46	320737.79	0:00	0	0:00	0
902	Public Structure	Non-Participating	326003.51	322594.76	0:00	0	0:00	0
903	Public Structure	Non-Participating	326212.43	322681.19	0:00	0	0:00	0
904	Public Structure	Non-Participating	326002.69	323272.01	0:00	0	0:00	0
905	Public Structure	Non-Participating	326820.18	322383.87	0:00	0	0:00	0
906	Public Structure	Non-Participating	326872.15	322362.33	0:00	0	0:00	0
907	Public Structure	Non-Participating	330033.99	325044.25	0:00	0	0:00	0
910	Public Structure	Non-Participating	325503.34	327956.06	0:00	0	0:00	0
969	Institutional Structure	Non-Participating	326116.55	322942.50	0:00	0	0:00	0
1165	Public Structure	Non-Participating	325651.25	327979.21	0:00	0	0:00	0
1175	Public Structure	Non-Participating	328798.91	325209.24	10:34	25	2:52	172
1289	Institutional Structure	Non-Participating	315012.62	330104.68	0:00	0	0:00	0
1290	Institutional Structure	Non-Participating	315047.62	330114.33	0:00	0	0:00	0
1291	Institutional Structure	Non-Participating	315755.50	324703.34	0:00	0	0:00	0
1292	Institutional Structure	Non-Participating	323037.97	329735.76	0:00	0	0:00	0
1293	Institutional Structure	Non-Participating	323481.48	329915.56	0:00	0	0:00	0
1294	Institutional Structure	Non-Participating	323452.15	329906.01	0:00	0	0:00	0
1295	Institutional Structure	Non-Participating	323233.49	329944.11	0:00	0	0:00	0
1296	Institutional Structure	Non-Participating	323343.80	329957.91	0:00	0	0:00	0
1297	Institutional Structure	Non-Participating	323305.69	330058.02	0:00	0	0:00	0
1298	Institutional Structure	Non-Participating	323345.87	330059.13	0:00	0	0:00	0
1299	Institutional Structure	Non-Participating	322059.40	323672.65	9:40	25	2:53	173
1300	Institutional Structure	Non-Participating	322008.16	323597.31	9:09	24	2:47	167
1301	Institutional Structure	Non-Participating	322088.91	323628.57	10:50	26	3:18	198
1410	Public Structure	Non-Participating	314166.02	327544.44	0:00	0	0:00	0
1411	Public Structure	Non-Participating	319293.81	333340.96	0:00	0	0:00	0
1412	Public Structure	Non-Participating	316009.20	324300.01	0:00	0	0:00	0
1413	Public Structure	Non-Participating	316259.98	326540.25	39:54	38	11:24	684
1414	Public Structure	Non-Participating	322869.47	330265.73	0:00	0	0:00	0
1415	Public Structure	Non-Participating	323115.11	329964.65	0:00	0	0:00	0
1416	Public Structure	Non-Participating	323102.00	329679.12	0:00	0	0:00	0
1417	Public Structure	Non-Participating	321254.77	324520.60	49:52	52	15:38	938
1418	Public Structure	Non-Participating	322411.64	320448.65	0:00	0	0:00	0
1510	Public Structure	Non-Participating	314892.40	330042.63	0:00	0	0:00	0
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Public Receptors								
1417	Public Structure	Non-Participating	321254.77	324520.60	49:52	52	15:38	938
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0

Table B-2.p: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Public and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1417	Public Structure	Non-Participating	321254.77	324520.60	49:52	52	15:38	938
1413	Public Structure	Non-Participating	316259.98	326540.25	39:54	38	11:24	684
1301	Institutional Structure	Non-Participating	322088.91	323628.57	10:50	26	3:18	198
1299	Institutional Structure	Non-Participating	322059.40	323672.65	9:40	25	2:53	173
1300	Institutional Structure	Non-Participating	322008.16	323597.31	9:09	24	2:47	167
1175	Public Structure	Non-Participating	328798.91	325209.24	10:34	25	2:52	172
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0
752	Institutional Structure	Non-Participating	326598.11	321723.67	0:00	0	0:00	0
753	Institutional Structure	Non-Participating	326613.84	321752.77	0:00	0	0:00	0
754	Institutional Structure	Non-Participating	326618.79	321616.43	0:00	0	0:00	0
755	Institutional Structure	Non-Participating	326589.98	321656.57	0:00	0	0:00	0
756	Institutional Structure	Non-Participating	326564.38	321654.53	0:00	0	0:00	0
757	Institutional Structure	Non-Participating	326596.02	321586.60	0:00	0	0:00	0
758	Institutional Structure	Non-Participating	326623.24	321565.50	0:00	0	0:00	0
759	Institutional Structure	Non-Participating	326798.25	321543.40	0:00	0	0:00	0
760	Institutional Structure	Non-Participating	326760.18	321454.92	0:00	0	0:00	0
761	Institutional Structure	Non-Participating	326701.75	321565.69	0:00	0	0:00	0
762	Institutional Structure	Non-Participating	326673.45	321531.69	0:00	0	0:00	0
763	Institutional Structure	Non-Participating	326901.13	321538.15	0:00	0	0:00	0
764	Institutional Structure	Non-Participating	326834.36	321398.28	0:00	0	0:00	0
765	Institutional Structure	Non-Participating	327100.23	321344.02	0:00	0	0:00	0
766	Institutional Structure	Non-Participating	327087.21	321511.41	0:00	0	0:00	0
767	Institutional Structure	Non-Participating	327051.80	321624.76	0:00	0	0:00	0
768	Institutional Structure	Non-Participating	327029.55	321706.30	0:00	0	0:00	0
769	Institutional Structure	Non-Participating	327286.72	321632.83	0:00	0	0:00	0
770	Institutional Structure	Non-Participating	326692.24	321996.52	0:00	0	0:00	0
771	Institutional Structure	Non-Participating	327003.37	321818.98	0:00	0	0:00	0
772	Institutional Structure	Non-Participating	327063.02	321775.07	0:00	0	0:00	0
773	Institutional Structure	Non-Participating	327084.35	321815.47	0:00	0	0:00	0
774	Institutional Structure	Non-Participating	326974.23	321894.22	0:00	0	0:00	0
775	Institutional Structure	Non-Participating	326976.43	321971.91	0:00	0	0:00	0
776	Institutional Structure	Non-Participating	326927.65	322036.24	0:00	0	0:00	0
777	Institutional Structure	Non-Participating	327032.06	322056.30	0:00	0	0:00	0
778	Institutional Structure	Non-Participating	327031.01	322122.27	0:00	0	0:00	0
779	Institutional Structure	Non-Participating	326887.89	322211.67	0:00	0	0:00	0
780	Institutional Structure	Non-Participating	326992.09	322280.69	0:00	0	0:00	0
781	Institutional Structure	Non-Participating	326928.32	322296.76	0:00	0	0:00	0
782	Institutional Structure	Non-Participating	326903.79	322305.84	0:00	0	0:00	0
783	Institutional Structure	Non-Participating	326925.87	322121.48	0:00	0	0:00	0
784	Institutional Structure	Non-Participating	326766.88	322318.91	0:00	0	0:00	0
785	Institutional Structure	Non-Participating	326528.49	322292.14	0:00	0	0:00	0
787	Institutional Structure	Non-Participating	326364.70	322416.29	0:00	0	0:00	0
788	Institutional Structure	Non-Participating	326540.00	322397.40	0:00	0	0:00	0
789	Institutional Structure	Non-Participating	326397.84	322532.17	0:00	0	0:00	0
790	Institutional Structure	Non-Participating	326367.57	322592.43	0:00	0	0:00	0

Table B-2.p: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Public and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
791	Institutional Structure	Non-Participating	326316.09	322606.67	0:00	0	0:00	0
792	Institutional Structure	Non-Participating	326088.51	322986.36	0:00	0	0:00	0
793	Institutional Structure	Non-Participating	325982.02	322971.49	0:00	0	0:00	0
794	Institutional Structure	Non-Participating	325926.09	322989.02	0:00	0	0:00	0
795	Institutional Structure	Non-Participating	326953.44	322387.37	0:00	0	0:00	0
796	Institutional Structure	Non-Participating	327251.12	322318.82	0:00	0	0:00	0
797	Institutional Structure	Non-Participating	325662.43	327220.47	0:00	0	0:00	0
798	Institutional Structure	Non-Participating	325390.01	327360.59	0:00	0	0:00	0
799	Institutional Structure	Non-Participating	326904.24	321787.37	0:00	0	0:00	0
800	Institutional Structure	Non-Participating	325623.37	327287.76	0:00	0	0:00	0
897	Public Structure	Non-Participating	326518.73	322018.50	0:00	0	0:00	0
899	Public Structure	Non-Participating	327353.35	321189.97	0:00	0	0:00	0
900	Public Structure	Non-Participating	327307.02	321232.57	0:00	0	0:00	0
901	Public Structure	Non-Participating	327420.46	320737.79	0:00	0	0:00	0
902	Public Structure	Non-Participating	326003.51	322594.76	0:00	0	0:00	0
903	Public Structure	Non-Participating	326212.43	322681.19	0:00	0	0:00	0
904	Public Structure	Non-Participating	326002.69	323272.01	0:00	0	0:00	0
905	Public Structure	Non-Participating	326820.18	322383.87	0:00	0	0:00	0
906	Public Structure	Non-Participating	326872.15	322362.33	0:00	0	0:00	0
907	Public Structure	Non-Participating	330033.99	325044.25	0:00	0	0:00	0
910	Public Structure	Non-Participating	325503.34	327956.06	0:00	0	0:00	0
969	Institutional Structure	Non-Participating	326116.55	322942.50	0:00	0	0:00	0
1165	Public Structure	Non-Participating	325651.25	327979.21	0:00	0	0:00	0
1289	Institutional Structure	Non-Participating	315012.62	330104.68	0:00	0	0:00	0
1290	Institutional Structure	Non-Participating	315047.62	330114.33	0:00	0	0:00	0
1291	Institutional Structure	Non-Participating	315755.50	324703.34	0:00	0	0:00	0
1292	Institutional Structure	Non-Participating	323037.97	329735.76	0:00	0	0:00	0
1293	Institutional Structure	Non-Participating	323481.48	329915.56	0:00	0	0:00	0
1294	Institutional Structure	Non-Participating	323452.15	329906.01	0:00	0	0:00	0
1295	Institutional Structure	Non-Participating	323233.49	329944.11	0:00	0	0:00	0
1296	Institutional Structure	Non-Participating	323343.80	329957.91	0:00	0	0:00	0
1297	Institutional Structure	Non-Participating	323305.69	330058.02	0:00	0	0:00	0
1298	Institutional Structure	Non-Participating	323345.87	330059.13	0:00	0	0:00	0
1410	Public Structure	Non-Participating	314166.02	327544.44	0:00	0	0:00	0
1411	Public Structure	Non-Participating	319293.81	333340.96	0:00	0	0:00	0
1412	Public Structure	Non-Participating	316009.20	324300.01	0:00	0	0:00	0
1414	Public Structure	Non-Participating	322869.47	330265.73	0:00	0	0:00	0
1415	Public Structure	Non-Participating	323115.11	329964.65	0:00	0	0:00	0
1416	Public Structure	Non-Participating	323102.00	329679.12	0:00	0	0:00	0
1418	Public Structure	Non-Participating	322411.64	320448.65	0:00	0	0:00	0
1510	Public Structure	Non-Participating	314892.40	330042.63	0:00	0	0:00	0
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Public Receptors								
1417	Public Structure	Non-Participating	321254.77	324520.60	49:52	52	15:38	938
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1	Year-Round Residence	Non-Participating	325840.23	321460.84	0:00	0	0:00	0
2	Year-Round Residence	Non-Participating	325754.47	321507.92	0:00	0	0:00	0
3	Year-Round Residence	Non-Participating	325773.13	321554.04	0:00	0	0:00	0
4	Year-Round Residence	Non-Participating	325850.26	321518.33	0:00	0	0:00	0
5	Year-Round Residence	Non-Participating	325787.58	321592.73	0:00	0	0:00	0
6	Year-Round Residence	Non-Participating	325858.58	321556.18	0:00	0	0:00	0
7	Year-Round Residence	Non-Participating	325791.13	321644.33	0:00	0	0:00	0
8	Year-Round Residence	Non-Participating	325882.95	321657.48	0:00	0	0:00	0
9	Year-Round Residence	Non-Participating	325793.62	321691.48	0:00	0	0:00	0
10	Year-Round Residence	Non-Participating	325877.89	321704.54	0:00	0	0:00	0
11	Year-Round Residence	Non-Participating	325847.64	321863.82	0:00	0	0:00	0
12	Year-Round Residence	Non-Participating	325851.42	321801.66	0:00	0	0:00	0
13	Year-Round Residence	Non-Participating	325790.73	321841.34	0:00	0	0:00	0
14	Year-Round Residence	Non-Participating	325780.07	321788.11	0:00	0	0:00	0
15	Year-Round Residence	Non-Participating	325640.85	321775.66	0:00	0	0:00	0
16	Year-Round Residence	Non-Participating	325636.37	321819.21	0:00	0	0:00	0
17	Year-Round Residence	Non-Participating	325637.21	321903.43	0:00	0	0:00	0
18	Year-Round Residence	Non-Participating	325704.43	321882.47	0:00	0	0:00	0
19	Year-Round Residence	Non-Participating	325613.58	321953.56	0:00	0	0:00	0
20	Year-Round Residence	Non-Participating	325707.94	321947.63	0:00	0	0:00	0
21	Year-Round Residence	Non-Participating	325721.23	322023.73	0:00	0	0:00	0
22	Year-Round Residence	Non-Participating	325727.19	322101.93	0:00	0	0:00	0
23	Year-Round Residence	Non-Participating	325773.25	322129.89	0:00	0	0:00	0
24	Year-Round Residence	Non-Participating	325778.46	322081.10	0:00	0	0:00	0
25	Year-Round Residence	Non-Participating	325779.27	322052.74	0:00	0	0:00	0
26	Year-Round Residence	Non-Participating	325782.01	322010.36	0:00	0	0:00	0
27	Year-Round Residence	Non-Participating	325591.17	322111.22	0:00	0	0:00	0
28	Year-Round Residence	Non-Participating	325563.80	322171.01	0:00	0	0:00	0
29	Year-Round Residence	Non-Participating	325745.99	322175.13	0:00	0	0:00	0
30	Year-Round Residence	Non-Participating	325836.88	322187.94	0:00	0	0:00	0
31	Year-Round Residence	Non-Participating	325863.10	322130.59	0:00	0	0:00	0
32	Year-Round Residence	Non-Participating	325881.08	322045.14	0:00	0	0:00	0
33	Year-Round Residence	Non-Participating	325941.38	322140.98	0:00	0	0:00	0
34	Year-Round Residence	Non-Participating	325981.28	322146.33	0:00	0	0:00	0
35	Year-Round Residence	Non-Participating	326022.01	322147.17	0:00	0	0:00	0
36	Year-Round Residence	Non-Participating	326026.29	322059.61	0:00	0	0:00	0
37	Year-Round Residence	Non-Participating	326026.98	322021.16	0:00	0	0:00	0
38	Year-Round Residence	Non-Participating	326084.58	321982.60	0:00	0	0:00	0
39	Year-Round Residence	Non-Participating	326077.80	322025.57	0:00	0	0:00	0
40	Year-Round Residence	Non-Participating	326082.63	322074.42	0:00	0	0:00	0
41	Year-Round Residence	Non-Participating	326023.60	322102.89	0:00	0	0:00	0
42	Year-Round Residence	Non-Participating	326068.32	322158.70	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
43	Year-Round Residence	Non-Participating	325979.48	322191.19	0:00	0	0:00	0
44	Year-Round Residence	Non-Participating	325946.34	322191.13	0:00	0	0:00	0
45	Year-Round Residence	Non-Participating	325947.77	321421.23	0:00	0	0:00	0
46	Year-Round Residence	Non-Participating	326213.99	322125.65	0:00	0	0:00	0
47	Year-Round Residence	Non-Participating	326197.40	322181.67	0:00	0	0:00	0
48	Year-Round Residence	Non-Participating	326173.76	322218.06	0:00	0	0:00	0
49	Year-Round Residence	Non-Participating	326151.94	322249.53	0:00	0	0:00	0
50	Year-Round Residence	Non-Participating	326123.63	322274.56	0:00	0	0:00	0
51	Year-Round Residence	Non-Participating	326082.28	322306.20	0:00	0	0:00	0
52	Year-Round Residence	Non-Participating	326037.96	322338.50	0:00	0	0:00	0
53	Year-Round Residence	Non-Participating	325987.99	322331.51	0:00	0	0:00	0
54	Year-Round Residence	Non-Participating	325985.59	322296.49	0:00	0	0:00	0
55	Year-Round Residence	Non-Participating	325939.18	322348.81	0:00	0	0:00	0
56	Year-Round Residence	Non-Participating	325897.37	322363.57	0:00	0	0:00	0
57	Year-Round Residence	Non-Participating	325866.71	322380.49	0:00	0	0:00	0
58	Year-Round Residence	Non-Participating	325829.44	322403.08	0:00	0	0:00	0
59	Year-Round Residence	Non-Participating	325778.09	322332.39	0:00	0	0:00	0
60	Year-Round Residence	Non-Participating	325486.42	322292.36	0:00	0	0:00	0
61	Year-Round Residence	Non-Participating	325428.67	322164.74	0:00	0	0:00	0
62	Year-Round Residence	Non-Participating	325277.25	322199.50	0:00	0	0:00	0
63	Year-Round Residence	Non-Participating	325378.12	322262.74	0:00	0	0:00	0
64	Year-Round Residence	Non-Participating	326105.29	322385.39	0:00	0	0:00	0
65	Year-Round Residence	Non-Participating	326120.83	322384.71	0:00	0	0:00	0
66	Year-Round Residence	Non-Participating	326146.44	322374.59	0:00	0	0:00	0
67	Year-Round Residence	Non-Participating	326163.79	322374.25	0:00	0	0:00	0
68	Year-Round Residence	Non-Participating	326189.85	322371.42	0:00	0	0:00	0
69	Year-Round Residence	Non-Participating	326227.52	322364.74	0:00	0	0:00	0
70	Year-Round Residence	Non-Participating	326258.55	322365.89	0:00	0	0:00	0
71	Year-Round Residence	Non-Participating	326274.10	322366.04	0:00	0	0:00	0
72	Year-Round Residence	Non-Participating	326289.72	322363.96	0:00	0	0:00	0
73	Year-Round Residence	Non-Participating	326324.44	322357.26	0:00	0	0:00	0
74	Year-Round Residence	Non-Participating	326340.61	322356.42	0:00	0	0:00	0
75	Year-Round Residence	Non-Participating	326447.94	322350.46	0:00	0	0:00	0
76	Year-Round Residence	Non-Participating	326434.67	322307.60	0:00	0	0:00	0
77	Year-Round Residence	Non-Participating	326433.90	322272.44	0:00	0	0:00	0
78	Year-Round Residence	Non-Participating	326467.63	322276.77	0:00	0	0:00	0
79	Year-Round Residence	Non-Participating	326464.91	322261.83	0:00	0	0:00	0
80	Year-Round Residence	Non-Participating	326460.67	322242.56	0:00	0	0:00	0
81	Year-Round Residence	Non-Participating	326456.49	322225.21	0:00	0	0:00	0
82	Year-Round Residence	Non-Participating	326422.04	322244.97	0:00	0	0:00	0
83	Year-Round Residence	Non-Participating	326456.47	322199.61	0:00	0	0:00	0
84	Year-Round Residence	Non-Participating	326426.47	322156.51	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
85	Year-Round Residence	Non-Participating	326455.56	322162.38	0:00	0	0:00	0
86	Year-Round Residence	Non-Participating	326474.82	322156.62	0:00	0	0:00	0
87	Year-Round Residence	Non-Participating	326473.89	322115.97	0:00	0	0:00	0
88	Year-Round Residence	Non-Participating	326494.70	322112.35	0:00	0	0:00	0
89	Year-Round Residence	Non-Participating	326521.89	322144.46	0:00	0	0:00	0
90	Year-Round Residence	Non-Participating	326525.65	322104.25	0:00	0	0:00	0
91	Year-Round Residence	Non-Participating	326559.22	322146.14	0:00	0	0:00	0
92	Year-Round Residence	Non-Participating	326560.55	322091.34	0:00	0	0:00	0
93	Year-Round Residence	Non-Participating	326565.70	322063.03	0:00	0	0:00	0
94	Year-Round Residence	Non-Participating	326577.01	322030.21	0:00	0	0:00	0
95	Year-Round Residence	Non-Participating	326586.64	321981.91	0:00	0	0:00	0
96	Year-Round Residence	Non-Participating	326621.58	322088.64	0:00	0	0:00	0
97	Year-Round Residence	Non-Participating	326623.57	322067.67	0:00	0	0:00	0
98	Year-Round Residence	Non-Participating	326453.54	322029.49	0:00	0	0:00	0
99	Year-Round Residence	Non-Participating	326476.38	322069.06	0:00	0	0:00	0
100	Year-Round Residence	Non-Participating	326356.15	321103.43	0:00	0	0:00	0
101	Year-Round Residence	Non-Participating	326204.28	321144.93	0:00	0	0:00	0
102	Year-Round Residence	Non-Participating	326675.85	320987.68	0:00	0	0:00	0
103	Year-Round Residence	Non-Participating	326680.94	320911.11	0:00	0	0:00	0
104	Year-Round Residence	Non-Participating	325631.11	321860.97	0:00	0	0:00	0
105	Year-Round Residence	Non-Participating	326747.88	320537.56	0:00	0	0:00	0
106	Year-Round Residence	Non-Participating	326769.58	320439.49	0:00	0	0:00	0
107	Year-Round Residence	Non-Participating	326757.47	320235.12	0:00	0	0:00	0
108	Year-Round Residence	Non-Participating	326649.77	320166.94	0:00	0	0:00	0
109	Year-Round Residence	Non-Participating	327107.05	321131.14	0:00	0	0:00	0
110	Year-Round Residence	Non-Participating	327100.78	321247.79	0:00	0	0:00	0
111	Year-Round Residence	Non-Participating	327260.08	321399.60	0:00	0	0:00	0
112	Year-Round Residence	Non-Participating	327356.80	320935.66	0:00	0	0:00	0
113	Year-Round Residence	Non-Participating	327370.63	320842.44	0:00	0	0:00	0
114	Year-Round Residence	Non-Participating	327352.24	320589.74	0:00	0	0:00	0
115	Year-Round Residence	Non-Participating	327283.70	320473.78	0:00	0	0:00	0
116	Year-Round Residence	Non-Participating	328217.19	321536.54	0:00	0	0:00	0
117	Year-Round Residence	Non-Participating	327395.38	320405.93	0:00	0	0:00	0
119	Year-Round Residence	Non-Participating	327443.98	320312.92	0:00	0	0:00	0
120	Year-Round Residence	Non-Participating	327877.12	320375.91	0:00	0	0:00	0
121	Year-Round Residence	Non-Participating	328174.72	320513.45	0:00	0	0:00	0
122	Year-Round Residence	Non-Participating	328253.83	320518.27	0:00	0	0:00	0
123	Year-Round Residence	Non-Participating	328180.55	320592.48	0:00	0	0:00	0
124	Year-Round Residence	Non-Participating	328172.35	320650.31	0:00	0	0:00	0
125	Year-Round Residence	Non-Participating	328299.81	320709.53	0:00	0	0:00	0
126	Year-Round Residence	Non-Participating	328419.92	320612.14	0:00	0	0:00	0
127	Year-Round Residence	Non-Participating	328508.22	320631.35	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
128	Year-Round Residence	Non-Participating	328148.73	320791.41	0:00	0	0:00	0
129	Year-Round Residence	Non-Participating	328152.43	320966.12	0:00	0	0:00	0
130	Year-Round Residence	Non-Participating	328226.95	320966.84	0:00	0	0:00	0
131	Year-Round Residence	Non-Participating	328214.86	321037.02	0:00	0	0:00	0
132	Year-Round Residence	Non-Participating	328195.35	321178.43	0:00	0	0:00	0
133	Year-Round Residence	Non-Participating	328248.10	321412.38	0:00	0	0:00	0
134	Year-Round Residence	Non-Participating	328163.61	321566.66	0:00	0	0:00	0
135	Year-Round Residence	Non-Participating	328293.42	321676.93	0:00	0	0:00	0
136	Year-Round Residence	Non-Participating	328296.22	321835.79	0:00	0	0:00	0
137	Year-Round Residence	Non-Participating	328289.17	321931.08	0:00	0	0:00	0
138	Year-Round Residence	Non-Participating	328303.17	322063.21	0:00	0	0:00	0
139	Year-Round Residence	Non-Participating	328284.81	322165.67	0:00	0	0:00	0
140	Year-Round Residence	Non-Participating	328410.05	322337.42	0:00	0	0:00	0
141	Year-Round Residence	Non-Participating	327224.97	321852.31	0:00	0	0:00	0
142	Year-Round Residence	Non-Participating	327284.95	321823.71	0:00	0	0:00	0
143	Year-Round Residence	Non-Participating	327302.32	321753.34	0:00	0	0:00	0
144	Year-Round Residence	Non-Participating	327354.12	321805.50	0:00	0	0:00	0
145	Year-Round Residence	Non-Participating	327377.69	321739.49	0:00	0	0:00	0
146	Year-Round Residence	Non-Participating	327130.85	321870.42	0:00	0	0:00	0
147	Year-Round Residence	Non-Participating	327101.69	321856.91	0:00	0	0:00	0
148	Year-Round Residence	Non-Participating	327113.65	321933.39	0:00	0	0:00	0
149	Year-Round Residence	Non-Participating	327051.71	321915.43	0:00	0	0:00	0
150	Year-Round Residence	Non-Participating	327089.10	322008.66	0:00	0	0:00	0
151	Year-Round Residence	Non-Participating	327051.28	322233.31	0:00	0	0:00	0
152	Year-Round Residence	Non-Participating	326831.30	322304.31	0:00	0	0:00	0
153	Year-Round Residence	Non-Participating	326815.90	322295.53	0:00	0	0:00	0
154	Year-Round Residence	Non-Participating	326768.36	322265.85	0:00	0	0:00	0
155	Year-Round Residence	Non-Participating	326807.24	322258.82	0:00	0	0:00	0
156	Year-Round Residence	Non-Participating	326762.58	322244.21	0:00	0	0:00	0
157	Year-Round Residence	Non-Participating	326803.42	322240.18	0:00	0	0:00	0
158	Year-Round Residence	Non-Participating	326761.36	322228.10	0:00	0	0:00	0
159	Year-Round Residence	Non-Participating	326759.92	322208.76	0:00	0	0:00	0
160	Year-Round Residence	Non-Participating	326803.67	322214.09	0:00	0	0:00	0
161	Year-Round Residence	Non-Participating	326760.72	322189.95	0:00	0	0:00	0
162	Year-Round Residence	Non-Participating	326800.15	322193.17	0:00	0	0:00	0
163	Year-Round Residence	Non-Participating	326753.85	322133.68	0:00	0	0:00	0
164	Year-Round Residence	Non-Participating	326759.84	322170.90	0:00	0	0:00	0
165	Year-Round Residence	Non-Participating	326796.75	322159.18	0:00	0	0:00	0
166	Year-Round Residence	Non-Participating	326797.74	322136.79	0:00	0	0:00	0
167	Year-Round Residence	Non-Participating	326775.14	322096.60	0:00	0	0:00	0
168	Year-Round Residence	Non-Participating	326755.65	322092.66	0:00	0	0:00	0
169	Year-Round Residence	Non-Participating	326716.36	322125.75	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
170	Year-Round Residence	Non-Participating	326730.36	322090.96	0:00	0	0:00	0
171	Year-Round Residence	Non-Participating	326706.98	322089.66	0:00	0	0:00	0
172	Year-Round Residence	Non-Participating	326684.02	322087.28	0:00	0	0:00	0
173	Year-Round Residence	Non-Participating	326670.84	322131.14	0:00	0	0:00	0
174	Year-Round Residence	Non-Participating	326667.40	322092.29	0:00	0	0:00	0
175	Year-Round Residence	Non-Participating	326650.10	322130.53	0:00	0	0:00	0
176	Year-Round Residence	Non-Participating	326649.80	322085.32	0:00	0	0:00	0
177	Year-Round Residence	Non-Participating	326620.03	322126.48	0:00	0	0:00	0
178	Year-Round Residence	Non-Participating	326634.00	322027.99	0:00	0	0:00	0
179	Year-Round Residence	Non-Participating	326554.28	322171.11	0:00	0	0:00	0
180	Year-Round Residence	Non-Participating	326612.56	322157.50	0:00	0	0:00	0
181	Year-Round Residence	Non-Participating	326610.46	322190.73	0:00	0	0:00	0
182	Year-Round Residence	Non-Participating	326553.32	322184.81	0:00	0	0:00	0
183	Year-Round Residence	Non-Participating	326540.47	322207.94	0:00	0	0:00	0
184	Year-Round Residence	Non-Participating	326539.82	322232.56	0:00	0	0:00	0
185	Year-Round Residence	Non-Participating	326611.16	322219.14	0:00	0	0:00	0
186	Year-Round Residence	Non-Participating	326533.84	322249.58	0:00	0	0:00	0
187	Year-Round Residence	Non-Participating	326603.48	322270.14	0:00	0	0:00	0
188	Year-Round Residence	Non-Participating	326532.28	322270.93	0:00	0	0:00	0
189	Year-Round Residence	Non-Participating	326598.50	322294.71	0:00	0	0:00	0
190	Year-Round Residence	Non-Participating	326591.79	322323.24	0:00	0	0:00	0
191	Year-Round Residence	Non-Participating	326595.31	322308.98	0:00	0	0:00	0
192	Year-Round Residence	Non-Participating	326589.55	322341.41	0:00	0	0:00	0
193	Year-Round Residence	Non-Participating	326676.31	322332.50	0:00	0	0:00	0
194	Year-Round Residence	Non-Participating	326161.71	322430.19	0:00	0	0:00	0
195	Year-Round Residence	Non-Participating	326044.14	322473.88	0:00	0	0:00	0
196	Year-Round Residence	Non-Participating	326071.94	322443.89	0:00	0	0:00	0
197	Year-Round Residence	Non-Participating	326095.46	322575.69	0:00	0	0:00	0
198	Year-Round Residence	Non-Participating	326082.16	322599.71	0:00	0	0:00	0
199	Year-Round Residence	Non-Participating	326067.54	322628.39	0:00	0	0:00	0
200	Year-Round Residence	Non-Participating	326049.40	322661.58	0:00	0	0:00	0
201	Year-Round Residence	Non-Participating	325919.00	322545.91	0:00	0	0:00	0
202	Year-Round Residence	Non-Participating	325916.89	322592.99	0:00	0	0:00	0
203	Year-Round Residence	Non-Participating	325949.51	322642.88	0:00	0	0:00	0
204	Year-Round Residence	Non-Participating	325966.22	322666.88	0:00	0	0:00	0
205	Year-Round Residence	Non-Participating	325978.97	322700.94	0:00	0	0:00	0
206	Year-Round Residence	Non-Participating	325963.05	322734.26	0:00	0	0:00	0
207	Year-Round Residence	Non-Participating	326012.30	322736.42	0:00	0	0:00	0
208	Year-Round Residence	Non-Participating	326002.32	322766.84	0:00	0	0:00	0
209	Year-Round Residence	Non-Participating	325989.38	322800.52	0:00	0	0:00	0
210	Year-Round Residence	Non-Participating	325940.04	322785.35	0:00	0	0:00	0
211	Year-Round Residence	Non-Participating	325929.00	322813.48	0:00	0	0:00	0



Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
212	Year-Round Residence	Non-Participating	325976.43	322838.28	0:00	0	0:00	0
213	Year-Round Residence	Non-Participating	325920.05	322841.49	0:00	0	0:00	0
214	Year-Round Residence	Non-Participating	325959.23	322897.52	0:00	0	0:00	0
215	Year-Round Residence	Non-Participating	325996.76	322899.21	0:00	0	0:00	0
216	Year-Round Residence	Non-Participating	326031.60	322899.82	0:00	0	0:00	0
217	Year-Round Residence	Non-Participating	326035.96	322851.06	0:00	0	0:00	0
218	Year-Round Residence	Non-Participating	326067.37	322899.13	0:00	0	0:00	0
219	Year-Round Residence	Non-Participating	326094.56	322884.30	0:00	0	0:00	0
220	Year-Round Residence	Non-Participating	326109.80	322858.36	0:00	0	0:00	0
221	Year-Round Residence	Non-Participating	326128.03	322827.51	0:00	0	0:00	0
222	Year-Round Residence	Non-Participating	326071.83	322823.57	0:00	0	0:00	0
223	Year-Round Residence	Non-Participating	326087.69	322800.28	0:00	0	0:00	0
224	Year-Round Residence	Non-Participating	326146.78	322798.12	0:00	0	0:00	0
225	Year-Round Residence	Non-Participating	326160.23	322776.80	0:00	0	0:00	0
226	Year-Round Residence	Non-Participating	326109.75	322757.54	0:00	0	0:00	0
227	Year-Round Residence	Non-Participating	326084.61	322741.57	0:00	0	0:00	0
228	Year-Round Residence	Non-Participating	326056.12	322728.81	0:00	0	0:00	0
229	Year-Round Residence	Non-Participating	326078.93	322686.95	0:00	0	0:00	0
230	Year-Round Residence	Non-Participating	326251.05	322539.98	0:00	0	0:00	0
231	Year-Round Residence	Non-Participating	326253.25	322493.34	0:00	0	0:00	0
232	Year-Round Residence	Non-Participating	326212.36	322492.36	0:00	0	0:00	0
233	Year-Round Residence	Non-Participating	326249.71	322480.17	0:00	0	0:00	0
234	Year-Round Residence	Non-Participating	326214.01	322463.60	0:00	0	0:00	0
235	Year-Round Residence	Non-Participating	326213.45	322446.02	0:00	0	0:00	0
236	Year-Round Residence	Non-Participating	326199.53	322419.61	0:00	0	0:00	0
237	Year-Round Residence	Non-Participating	326304.35	322414.17	0:00	0	0:00	0
238	Year-Round Residence	Non-Participating	326327.43	322421.74	0:00	0	0:00	0
239	Year-Round Residence	Non-Participating	326397.02	322404.89	0:00	0	0:00	0
240	Year-Round Residence	Non-Participating	326432.58	322409.06	0:00	0	0:00	0
241	Year-Round Residence	Non-Participating	326460.49	322404.68	0:00	0	0:00	0
242	Year-Round Residence	Non-Participating	326529.08	322442.66	0:00	0	0:00	0
243	Year-Round Residence	Non-Participating	326504.26	322458.88	0:00	0	0:00	0
244	Year-Round Residence	Non-Participating	326453.62	322467.47	0:00	0	0:00	0
245	Year-Round Residence	Non-Participating	326489.87	322481.50	0:00	0	0:00	0
246	Year-Round Residence	Non-Participating	326442.42	322485.27	0:00	0	0:00	0
247	Year-Round Residence	Non-Participating	326479.68	322503.72	0:00	0	0:00	0
248	Year-Round Residence	Non-Participating	326426.41	322501.31	0:00	0	0:00	0
249	Year-Round Residence	Non-Participating	326456.19	322530.61	0:00	0	0:00	0
250	Year-Round Residence	Non-Participating	326466.70	322517.63	0:00	0	0:00	0
251	Year-Round Residence	Non-Participating	326416.00	322520.18	0:00	0	0:00	0
252	Year-Round Residence	Non-Participating	326227.00	322806.51	0:00	0	0:00	0
253	Year-Round Residence	Non-Participating	326210.33	322834.24	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
254	Year-Round Residence	Non-Participating	326195.41	322861.34	0:00	0	0:00	0
255	Year-Round Residence	Non-Participating	326177.72	322888.26	0:00	0	0:00	0
256	Year-Round Residence	Non-Participating	326191.78	322947.31	0:00	0	0:00	0
257	Year-Round Residence	Non-Participating	326150.47	323023.01	0:00	0	0:00	0
258	Year-Round Residence	Non-Participating	326109.80	323093.80	0:00	0	0:00	0
259	Year-Round Residence	Non-Participating	326072.00	323131.30	0:00	0	0:00	0
260	Year-Round Residence	Non-Participating	326035.11	323102.98	0:00	0	0:00	0
261	Year-Round Residence	Non-Participating	326056.55	323076.44	0:00	0	0:00	0
262	Year-Round Residence	Non-Participating	325970.90	323084.49	0:00	0	0:00	0
263	Year-Round Residence	Non-Participating	325936.56	323044.95	0:00	0	0:00	0
264	Year-Round Residence	Non-Participating	325904.31	323193.03	0:00	0	0:00	0
265	Year-Round Residence	Non-Participating	325943.43	323165.91	0:00	0	0:00	0
266	Year-Round Residence	Non-Participating	325688.94	323400.19	0:00	0	0:00	0
267	Year-Round Residence	Non-Participating	325817.19	323510.11	0:00	0	0:00	0
268	Year-Round Residence	Non-Participating	326764.17	322468.57	0:00	0	0:00	0
269	Year-Round Residence	Non-Participating	326667.97	322524.18	0:00	0	0:00	0
270	Year-Round Residence	Non-Participating	326667.19	322500.74	0:00	0	0:00	0
271	Year-Round Residence	Non-Participating	326667.43	322475.48	0:00	0	0:00	0
272	Year-Round Residence	Non-Participating	326772.46	322375.42	0:00	0	0:00	0
273	Year-Round Residence	Non-Participating	326794.69	322378.47	0:00	0	0:00	0
274	Year-Round Residence	Non-Participating	326835.43	322373.90	0:00	0	0:00	0
275	Year-Round Residence	Non-Participating	326857.51	322364.40	0:00	0	0:00	0
276	Year-Round Residence	Non-Participating	327017.05	322368.48	0:00	0	0:00	0
277	Year-Round Residence	Non-Participating	327014.10	322408.47	0:00	0	0:00	0
278	Year-Round Residence	Non-Participating	327070.14	322361.95	0:00	0	0:00	0
279	Year-Round Residence	Non-Participating	327064.61	322406.58	0:00	0	0:00	0
280	Year-Round Residence	Non-Participating	327062.33	322434.71	0:00	0	0:00	0
281	Year-Round Residence	Non-Participating	327012.01	322453.20	0:00	0	0:00	0
282	Year-Round Residence	Non-Participating	327052.19	322456.35	0:00	0	0:00	0
283	Year-Round Residence	Non-Participating	327011.15	322470.72	0:00	0	0:00	0
284	Year-Round Residence	Non-Participating	327049.08	322486.06	0:00	0	0:00	0
285	Year-Round Residence	Non-Participating	327006.93	322488.90	0:00	0	0:00	0
286	Year-Round Residence	Non-Participating	327009.30	322509.29	0:00	0	0:00	0
287	Year-Round Residence	Non-Participating	327049.92	322507.28	0:00	0	0:00	0
288	Year-Round Residence	Non-Participating	327047.19	322527.68	0:00	0	0:00	0
289	Year-Round Residence	Non-Participating	327010.17	322539.49	0:00	0	0:00	0
290	Year-Round Residence	Non-Participating	327048.54	322557.17	0:00	0	0:00	0
291	Year-Round Residence	Non-Participating	327008.82	322564.09	0:00	0	0:00	0
292	Year-Round Residence	Non-Participating	327007.63	322604.11	0:00	0	0:00	0
293	Year-Round Residence	Non-Participating	327045.16	322605.78	0:00	0	0:00	0
294	Year-Round Residence	Non-Participating	327036.80	322645.48	0:00	0	0:00	0
295	Year-Round Residence	Non-Participating	326993.27	322655.28	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
296	Year-Round Residence	Non-Participating	326996.76	322700.81	0:00	0	0:00	0
297	Year-Round Residence	Non-Participating	327036.11	322748.56	0:00	0	0:00	0
298	Year-Round Residence	Non-Participating	327035.61	322730.62	0:00	0	0:00	0
299	Year-Round Residence	Non-Participating	327000.50	322800.86	0:00	0	0:00	0
300	Year-Round Residence	Non-Participating	326998.44	322835.24	0:00	0	0:00	0
301	Year-Round Residence	Non-Participating	327005.40	322897.63	0:00	0	0:00	0
302	Year-Round Residence	Non-Participating	327001.16	322943.95	0:00	0	0:00	0
303	Year-Round Residence	Non-Participating	326998.03	322995.17	0:00	0	0:00	0
304	Year-Round Residence	Non-Participating	327057.28	322984.81	0:00	0	0:00	0
305	Year-Round Residence	Non-Participating	327063.23	323118.10	0:00	0	0:00	0
306	Year-Round Residence	Non-Participating	327084.97	322277.60	0:00	0	0:00	0
307	Year-Round Residence	Non-Participating	327101.06	322276.03	0:00	0	0:00	0
308	Year-Round Residence	Non-Participating	327092.26	322255.75	0:00	0	0:00	0
309	Year-Round Residence	Non-Participating	327118.07	322271.47	0:00	0	0:00	0
310	Year-Round Residence	Non-Participating	327107.75	322199.90	0:00	0	0:00	0
311	Year-Round Residence	Non-Participating	327113.54	322169.88	0:00	0	0:00	0
312	Year-Round Residence	Non-Participating	327123.78	322147.08	0:00	0	0:00	0
313	Year-Round Residence	Non-Participating	327125.02	322122.95	0:00	0	0:00	0
314	Year-Round Residence	Non-Participating	327158.31	322084.68	0:00	0	0:00	0
315	Year-Round Residence	Non-Participating	327160.79	322017.54	0:00	0	0:00	0
316	Year-Round Residence	Non-Participating	327165.20	321991.53	0:00	0	0:00	0
317	Year-Round Residence	Non-Participating	327185.01	321918.60	0:00	0	0:00	0
318	Year-Round Residence	Non-Participating	327132.91	322274.37	0:00	0	0:00	0
319	Year-Round Residence	Non-Participating	327162.34	322271.36	0:00	0	0:00	0
320	Year-Round Residence	Non-Participating	327114.11	322352.00	0:00	0	0:00	0
321	Year-Round Residence	Non-Participating	327132.91	322345.07	0:00	0	0:00	0
322	Year-Round Residence	Non-Participating	327148.05	322342.39	0:00	0	0:00	0
323	Year-Round Residence	Non-Participating	327168.67	322343.92	0:00	0	0:00	0
324	Year-Round Residence	Non-Participating	327202.22	322336.59	0:00	0	0:00	0
325	Year-Round Residence	Non-Participating	327319.35	322328.27	0:00	0	0:00	0
326	Year-Round Residence	Non-Participating	327273.31	322243.51	0:00	0	0:00	0
327	Year-Round Residence	Non-Participating	327224.69	322185.11	0:00	0	0:00	0
328	Year-Round Residence	Non-Participating	327289.47	322184.90	0:00	0	0:00	0
329	Year-Round Residence	Non-Participating	327295.13	322148.05	0:00	0	0:00	0
330	Year-Round Residence	Non-Participating	327247.53	322107.59	0:00	0	0:00	0
331	Year-Round Residence	Non-Participating	327297.36	322088.44	0:00	0	0:00	0
332	Year-Round Residence	Non-Participating	327247.87	322075.51	0:00	0	0:00	0
333	Year-Round Residence	Non-Participating	327295.30	322051.27	0:00	0	0:00	0
334	Year-Round Residence	Non-Participating	327246.89	322042.21	0:00	0	0:00	0
335	Year-Round Residence	Non-Participating	327239.89	321980.71	0:00	0	0:00	0
336	Year-Round Residence	Non-Participating	327294.91	322020.27	0:00	0	0:00	0
337	Year-Round Residence	Non-Participating	327295.96	321998.04	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
338	Year-Round Residence	Non-Participating	327317.86	322402.15	0:00	0	0:00	0
339	Year-Round Residence	Non-Participating	327355.37	322379.77	0:00	0	0:00	0
340	Year-Round Residence	Non-Participating	327387.67	322332.34	0:00	0	0:00	0
341	Year-Round Residence	Non-Participating	327436.74	322398.18	0:00	0	0:00	0
342	Year-Round Residence	Non-Participating	327487.04	322406.38	0:00	0	0:00	0
343	Year-Round Residence	Non-Participating	327439.61	322343.42	0:00	0	0:00	0
344	Year-Round Residence	Non-Participating	327578.97	322416.61	0:00	0	0:00	0
345	Year-Round Residence	Non-Participating	327671.56	322409.46	0:00	0	0:00	0
346	Year-Round Residence	Non-Participating	327708.66	322385.94	0:00	0	0:00	0
347	Year-Round Residence	Non-Participating	327737.69	322342.00	0:00	0	0:00	0
348	Year-Round Residence	Non-Participating	327518.29	322232.30	0:00	0	0:00	0
349	Year-Round Residence	Non-Participating	327593.63	322175.43	0:00	0	0:00	0
350	Year-Round Residence	Non-Participating	327774.36	322239.03	0:00	0	0:00	0
351	Year-Round Residence	Non-Participating	327864.16	322252.21	0:00	0	0:00	0
352	Year-Round Residence	Non-Participating	327826.81	322403.84	0:00	0	0:00	0
353	Year-Round Residence	Non-Participating	327746.85	322493.71	0:00	0	0:00	0
354	Year-Round Residence	Non-Participating	327758.44	322544.07	0:00	0	0:00	0
355	Year-Round Residence	Non-Participating	327784.93	322350.08	0:00	0	0:00	0
356	Year-Round Residence	Non-Participating	327875.00	322466.16	0:00	0	0:00	0
357	Year-Round Residence	Non-Participating	327741.07	322620.50	0:00	0	0:00	0
358	Year-Round Residence	Non-Participating	328115.21	322400.23	0:00	0	0:00	0
359	Year-Round Residence	Non-Participating	328080.29	322374.43	0:00	0	0:00	0
360	Year-Round Residence	Non-Participating	328167.59	322441.83	0:00	0	0:00	0
361	Year-Round Residence	Non-Participating	328245.38	322456.12	0:00	0	0:00	0
362	Year-Round Residence	Non-Participating	328243.96	322366.18	0:00	0	0:00	0
363	Year-Round Residence	Non-Participating	328505.63	322591.87	0:00	0	0:00	0
364	Year-Round Residence	Non-Participating	328604.56	322462.73	0:00	0	0:00	0
365	Year-Round Residence	Non-Participating	328657.15	322615.95	0:00	0	0:00	0
366	Year-Round Residence	Non-Participating	328591.63	322598.68	0:00	0	0:00	0
367	Year-Round Residence	Non-Participating	328730.35	322476.93	0:00	0	0:00	0
368	Year-Round Residence	Non-Participating	328765.82	322449.94	0:00	0	0:00	0
369	Year-Round Residence	Non-Participating	328804.74	322411.32	0:00	0	0:00	0
370	Year-Round Residence	Non-Participating	329071.43	322221.22	0:00	0	0:00	0
371	Year-Round Residence	Non-Participating	329113.31	322215.70	0:00	0	0:00	0
372	Year-Round Residence	Non-Participating	329262.00	322182.15	0:00	0	0:00	0
373	Year-Round Residence	Non-Participating	329215.75	322259.64	0:00	0	0:00	0
374	Year-Round Residence	Non-Participating	329242.99	322252.10	0:00	0	0:00	0
375	Year-Round Residence	Non-Participating	329546.99	322190.42	0:00	0	0:00	0
376	Year-Round Residence	Non-Participating	329633.74	322049.85	0:00	0	0:00	0
377	Year-Round Residence	Non-Participating	329680.48	322018.00	0:00	0	0:00	0
378	Year-Round Residence	Non-Participating	329887.83	321957.02	0:00	0	0:00	0
379	Year-Round Residence	Non-Participating	329943.11	321669.34	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
380	Year-Round Residence	Non-Participating	329902.24	321543.82	0:00	0	0:00	0
381	Year-Round Residence	Non-Participating	329960.18	321479.68	0:00	0	0:00	0
382	Year-Round Residence	Non-Participating	330037.86	321542.29	0:00	0	0:00	0
383	Year-Round Residence	Non-Participating	328668.88	320701.85	0:00	0	0:00	0
384	Year-Round Residence	Non-Participating	325747.82	322512.27	0:00	0	0:00	0
385	Year-Round Residence	Non-Participating	325691.36	322432.79	0:00	0	0:00	0
386	Year-Round Residence	Non-Participating	325362.64	322473.94	0:00	0	0:00	0
387	Year-Round Residence	Non-Participating	325260.28	322501.80	0:00	0	0:00	0
388	Year-Round Residence	Non-Participating	325202.18	322562.82	0:00	0	0:00	0
389	Year-Round Residence	Non-Participating	325221.35	322646.99	0:00	0	0:00	0
390	Year-Round Residence	Non-Participating	325131.89	322598.09	0:00	0	0:00	0
391	Year-Round Residence	Non-Participating	325085.68	322631.06	0:00	0	0:00	0
392	Year-Round Residence	Non-Participating	325035.21	322647.49	0:00	0	0:00	0
393	Year-Round Residence	Non-Participating	324888.97	322796.77	0:00	0	0:00	0
394	Year-Round Residence	Non-Participating	324602.97	323042.45	11:00	22	3:44	224
395	Year-Round Residence	Non-Participating	324475.83	322913.65	0:00	0	0:00	0
396	Year-Round Residence	Non-Participating	324407.34	322935.86	0:00	0	0:00	0
397	Year-Round Residence	Non-Participating	324446.86	322724.30	0:00	0	0:00	0
398	Year-Round Residence	Non-Participating	324572.41	322733.08	0:00	0	0:00	0
399	Year-Round Residence	Non-Participating	324536.65	322669.04	0:00	0	0:00	0
400	Year-Round Residence	Non-Participating	324387.22	322517.43	0:00	0	0:00	0
401	Year-Round Residence	Non-Participating	324427.60	322410.56	0:00	0	0:00	0
402	Year-Round Residence	Non-Participating	324386.26	322459.87	0:00	0	0:00	0
403	Year-Round Residence	Non-Participating	324348.99	322205.28	0:00	0	0:00	0
404	Year-Round Residence	Non-Participating	324459.52	322181.24	0:00	0	0:00	0
405	Year-Round Residence	Non-Participating	324372.32	321726.74	0:00	0	0:00	0
406	Year-Round Residence	Non-Participating	324464.71	321669.41	0:00	0	0:00	0
407	Year-Round Residence	Non-Participating	324450.11	321630.16	0:00	0	0:00	0
408	Year-Round Residence	Non-Participating	324352.67	321602.86	0:00	0	0:00	0
409	Year-Round Residence	Non-Participating	324306.07	321611.73	0:00	0	0:00	0
410	Year-Round Residence	Non-Participating	324361.75	321305.73	0:00	0	0:00	0
411	Year-Round Residence	Non-Participating	324279.94	321352.65	0:00	0	0:00	0
413	Year-Round Residence	Non-Participating	323942.85	321399.04	0:00	0	0:00	0
414	Year-Round Residence	Non-Participating	324501.52	321125.51	0:00	0	0:00	0
415	Year-Round Residence	Non-Participating	324752.92	320946.95	0:00	0	0:00	0
416	Year-Round Residence	Non-Participating	324684.12	320689.00	0:00	0	0:00	0
417	Year-Round Residence	Non-Participating	324760.65	320664.49	0:00	0	0:00	0
418	Year-Round Residence	Non-Participating	324945.95	321020.41	0:00	0	0:00	0
419	Year-Round Residence	Non-Participating	325245.51	321354.16	0:00	0	0:00	0
420	Year-Round Residence	Non-Participating	325140.17	321415.46	0:00	0	0:00	0
421	Year-Round Residence	Non-Participating	325273.19	321558.66	0:00	0	0:00	0
422	Year-Round Residence	Non-Participating	325171.43	321725.60	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
423	Year-Round Residence	Non-Participating	325059.93	321691.52	0:00	0	0:00	0
424	Year-Round Residence	Non-Participating	324976.24	321671.63	0:00	0	0:00	0
425	Year-Round Residence	Non-Participating	324901.86	321672.93	0:00	0	0:00	0
426	Year-Round Residence	Non-Participating	324870.24	321730.51	0:00	0	0:00	0
427	Year-Round Residence	Non-Participating	324705.38	321796.47	0:00	0	0:00	0
428	Year-Round Residence	Non-Participating	325411.66	321661.95	0:00	0	0:00	0
429	Year-Round Residence	Non-Participating	325467.09	321646.17	0:00	0	0:00	0
430	Year-Round Residence	Non-Participating	325612.56	321530.12	0:00	0	0:00	0
431	Year-Round Residence	Non-Participating	325714.35	321444.97	0:00	0	0:00	0
432	Year-Round Residence	Non-Participating	324202.08	322439.62	0:00	0	0:00	0
433	Year-Round Residence	Non-Participating	324165.19	322499.02	0:00	0	0:00	0
434	Year-Round Residence	Non-Participating	324085.25	322502.38	0:00	0	0:00	0
435	Year-Round Residence	Non-Participating	324004.12	322420.23	0:00	0	0:00	0
436	Year-Round Residence	Non-Participating	324053.58	322673.73	0:00	0	0:00	0
437	Year-Round Residence	Non-Participating	323896.71	322619.92	0:00	0	0:00	0
438	Year-Round Residence	Non-Participating	323774.65	322524.35	0:00	0	0:00	0
439	Year-Round Residence	Non-Participating	323707.95	322516.51	0:00	0	0:00	0
440	Year-Round Residence	Non-Participating	323304.56	322386.97	0:00	0	0:00	0
441	Year-Round Residence	Non-Participating	323114.67	322510.49	0:00	0	0:00	0
442	Year-Round Residence	Non-Participating	323207.32	322624.29	0:00	0	0:00	0
443	Year-Round Residence	Non-Participating	324004.61	323147.13	0:00	0	0:00	0
444	Year-Round Residence	Non-Participating	324049.94	323026.37	0:00	0	0:00	0
445	Year-Round Residence	Non-Participating	323933.25	323033.44	0:00	0	0:00	0
446	Year-Round Residence	Non-Participating	323780.69	323004.00	0:00	0	0:00	0
447	Year-Round Residence	Non-Participating	323873.40	323154.64	0:00	0	0:00	0
448	Year-Round Residence	Non-Participating	323550.58	323099.41	0:00	0	0:00	0
449	Year-Round Residence	Non-Participating	323317.56	323288.56	0:00	0	0:00	0
452	Year-Round Residence	Non-Participating	322888.01	323483.97	0:00	0	0:00	0
453	Year-Round Residence	Non-Participating	322840.82	323525.82	62:04	67	19:33	1173
454	Year-Round Residence	Non-Participating	322770.63	323572.25	119:04	73	37:47	2267
455	Year-Round Residence	Non-Participating	322644.45	323527.32	91:46	58	29:08	1748
456	Year-Round Residence	Non-Participating	329977.58	321900.83	0:00	0	0:00	0
457	Year-Round Residence	Non-Participating	329948.82	321900.18	0:00	0	0:00	0
458	Year-Round Residence	Non-Participating	329905.24	322409.79	0:00	0	0:00	0
459	Year-Round Residence	Non-Participating	329939.53	322642.37	0:00	0	0:00	0
460	Year-Round Residence	Non-Participating	329857.45	322954.04	0:00	0	0:00	0
461	Year-Round Residence	Non-Participating	329984.68	323336.66	0:00	0	0:00	0
463	Year-Round Residence	Non-Participating	329945.77	323417.71	0:00	0	0:00	0
464	Year-Round Residence	Non-Participating	330011.66	323421.52	0:00	0	0:00	0
465	Year-Round Residence	Non-Participating	330330.72	323227.03	0:00	0	0:00	0
466	Year-Round Residence	Non-Participating	330332.33	322871.69	0:00	0	0:00	0
467	Year-Round Residence	Non-Participating	330441.67	322861.44	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
468	Year-Round Residence	Non-Participating	330083.48	323608.56	0:00	0	0:00	0
469	Year-Round Residence	Non-Participating	330003.59	323684.98	0:00	0	0:00	0
470	Year-Round Residence	Non-Participating	330027.36	323878.58	0:00	0	0:00	0
471	Year-Round Residence	Non-Participating	330020.19	323990.33	0:00	0	0:00	0
472	Year-Round Residence	Non-Participating	330136.74	324043.02	0:00	0	0:00	0
473	Year-Round Residence	Non-Participating	329949.10	324269.09	0:00	0	0:00	0
474	Year-Round Residence	Non-Participating	330124.85	324574.71	0:00	0	0:00	0
475	Year-Round Residence	Non-Participating	330085.38	324828.88	0:00	0	0:00	0
476	Year-Round Residence	Non-Participating	330115.34	324892.78	0:00	0	0:00	0
477	Year-Round Residence	Non-Participating	330103.04	324933.39	0:00	0	0:00	0
478	Year-Round Residence	Non-Participating	330086.62	325001.42	0:00	0	0:00	0
479	Year-Round Residence	Non-Participating	330079.64	325047.71	0:00	0	0:00	0
480	Year-Round Residence	Non-Participating	329997.46	325045.73	0:00	0	0:00	0
482	Year-Round Residence	Non-Participating	330113.43	325099.39	0:00	0	0:00	0
483	Year-Round Residence	Non-Participating	330134.52	325086.91	0:00	0	0:00	0
485	Year-Round Residence	Non-Participating	330018.53	325123.85	0:00	0	0:00	0
486	Year-Round Residence	Non-Participating	330018.26	325137.96	0:00	0	0:00	0
487	Year-Round Residence	Non-Participating	330059.68	325166.72	0:00	0	0:00	0
488	Year-Round Residence	Non-Participating	330013.69	325173.69	0:00	0	0:00	0
489	Year-Round Residence	Non-Participating	330008.05	325238.32	0:00	0	0:00	0
490	Year-Round Residence	Non-Participating	330049.72	325214.38	0:00	0	0:00	0
492	Year-Round Residence	Non-Participating	330026.74	325413.79	0:00	0	0:00	0
493	Year-Round Residence	Non-Participating	330099.09	325334.14	0:00	0	0:00	0
494	Year-Round Residence	Non-Participating	330129.64	325363.92	0:00	0	0:00	0
495	Year-Round Residence	Non-Participating	330088.31	325520.28	0:00	0	0:00	0
496	Year-Round Residence	Non-Participating	330133.94	325713.33	0:00	0	0:00	0
497	Year-Round Residence	Non-Participating	330131.85	325852.80	0:00	0	0:00	0
498	Year-Round Residence	Non-Participating	330634.49	326436.65	0:00	0	0:00	0
499	Year-Round Residence	Non-Participating	330209.52	325108.52	0:00	0	0:00	0
500	Year-Round Residence	Non-Participating	330550.59	325053.24	0:00	0	0:00	0
501	Year-Round Residence	Non-Participating	331113.94	325036.38	0:00	0	0:00	0
502	Year-Round Residence	Non-Participating	331081.03	325125.58	0:00	0	0:00	0
503	Year-Round Residence	Non-Participating	331043.77	324903.13	0:00	0	0:00	0
504	Year-Round Residence	Non-Participating	330005.17	323534.69	0:00	0	0:00	0
505	Year-Round Residence	Non-Participating	329868.36	323565.09	0:00	0	0:00	0
506	Year-Round Residence	Non-Participating	329347.94	323933.87	0:00	0	0:00	0
507	Year-Round Residence	Non-Participating	329261.79	324196.51	0:00	0	0:00	0
508	Year-Round Residence	Non-Participating	327288.39	323447.52	31:36	33	10:49	649
509	Year-Round Residence	Non-Participating	327335.06	323449.52	34:53	32	11:57	717
510	Year-Round Residence	Non-Participating	327391.76	323456.44	35:42	30	12:13	733
511	Year-Round Residence	Non-Participating	327576.50	323465.03	18:03	26	6:06	366
512	Year-Round Residence	Non-Participating	328047.11	323631.85	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
513	Year-Round Residence	Non-Participating	328120.53	323632.51	0:00	0	0:00	0
514	Year-Round Residence	Non-Participating	328089.58	323546.51	0:00	0	0:00	0
515	Year-Round Residence	Non-Participating	328484.82	323537.93	0:00	0	0:00	0
516	Year-Round Residence	Non-Participating	328672.21	323635.95	24:10	27	8:17	497
517	Year-Round Residence	Non-Participating	328845.65	323707.96	0:00	0	0:00	0
518	Year-Round Residence	Non-Participating	329095.79	323724.23	0:00	0	0:00	0
519	Year-Round Residence	Non-Participating	329151.41	324162.39	0:00	0	0:00	0
520	Year-Round Residence	Non-Participating	329226.49	324277.09	0:00	0	0:00	0
521	Year-Round Residence	Non-Participating	329479.82	324404.19	0:00	0	0:00	0
522	Year-Round Residence	Non-Participating	329505.25	324598.68	0:00	0	0:00	0
523	Year-Round Residence	Non-Participating	329552.43	324699.69	0:00	0	0:00	0
524	Year-Round Residence	Non-Participating	329811.75	325017.99	0:00	0	0:00	0
526	Year-Round Residence	Non-Participating	328948.12	324656.34	0:00	0	0:00	0
527	Year-Round Residence	Non-Participating	328542.55	324881.84	35:14	34	9:48	588
528	Year-Round Residence	Non-Participating	328724.14	324956.55	25:15	29	6:48	408
529	Year-Round Residence	Non-Participating	328534.45	324976.61	34:33	34	8:59	539
530	Year-Round Residence	Non-Participating	328333.33	325321.72	38:00	39	7:52	472
531	Year-Round Residence	Non-Participating	328415.82	325312.78	40:45	36	8:05	485
532	Year-Round Residence	Non-Participating	328667.48	325315.61	14:08	29	3:32	212
533	Year-Round Residence	Non-Participating	329056.75	325208.36	0:00	0	0:00	0
534	Year-Round Residence	Non-Participating	329104.31	325224.48	0:00	0	0:00	0
535	Year-Round Residence	Non-Participating	329171.23	325228.41	0:00	0	0:00	0
536	Year-Round Residence	Non-Participating	329416.20	325057.07	0:00	0	0:00	0
537	Year-Round Residence	Non-Participating	327087.71	323490.62	11:15	25	3:48	228
538	Year-Round Residence	Non-Participating	326996.77	323448.82	0:00	0	0:00	0
539	Year-Round Residence	Non-Participating	327028.98	323617.64	46:58	43	16:01	961
540	Year-Round Residence	Non-Participating	327012.42	323661.50	58:17	44	19:46	1186
541	Year-Round Residence	Non-Participating	326962.47	323754.45	71:13	47	23:36	1416
542	Year-Round Residence	Non-Participating	326946.82	323784.39	67:50	48	22:15	1335
543	Year-Round Residence	Non-Participating	326931.48	323842.78	52:22	49	16:55	1015
552	Year-Round Residence	Non-Participating	326755.39	325346.80	90:27	47	20:15	1215
553	Year-Round Residence	Non-Participating	327187.08	325373.13	174:48	109	31:52	1912
554	Year-Round Residence	Non-Participating	327684.86	325423.87	105:35	79	16:10	970
555	Year-Round Residence	Non-Participating	327986.87	325353.51	59:39	56	12:09	729
556	Year-Round Residence	Non-Participating	328153.86	325350.10	37:52	46	8:34	514
557	Year-Round Residence	Non-Participating	328156.33	325593.76	55:24	42	8:49	529
558	Year-Round Residence	Non-Participating	327981.66	325844.33	0:00	0	0:00	0
559	Year-Round Residence	Non-Participating	328020.08	326073.13	0:00	0	0:00	0
560	Year-Round Residence	Non-Participating	327572.80	326269.47	0:00	0	0:00	0
561	Year-Round Residence	Non-Participating	327421.78	326374.56	0:00	0	0:00	0
562	Year-Round Residence	Non-Participating	327466.54	326447.32	0:00	0	0:00	0
563	Year-Round Residence	Non-Participating	327098.61	326609.78	0:00	0	0:00	0



Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
564	Year-Round Residence	Non-Participating	327018.60	326644.87	0:00	0	0:00	0
565	Year-Round Residence	Non-Participating	327038.44	326770.60	0:00	0	0:00	0
566	Year-Round Residence	Non-Participating	326830.62	326745.87	0:00	0	0:00	0
567	Year-Round Residence	Non-Participating	326755.68	326841.46	0:00	0	0:00	0
568	Year-Round Residence	Non-Participating	326594.75	326866.98	0:00	0	0:00	0
569	Year-Round Residence	Non-Participating	326506.05	326868.43	0:00	0	0:00	0
570	Year-Round Residence	Non-Participating	326639.50	326964.12	0:00	0	0:00	0
571	Year-Round Residence	Non-Participating	326564.98	327009.89	0:00	0	0:00	0
572	Year-Round Residence	Non-Participating	326701.57	327022.18	0:00	0	0:00	0
573	Year-Round Residence	Non-Participating	326607.05	327077.44	0:00	0	0:00	0
574	Year-Round Residence	Non-Participating	326739.57	327093.25	0:00	0	0:00	0
575	Year-Round Residence	Non-Participating	326855.73	327172.07	0:00	0	0:00	0
576	Year-Round Residence	Non-Participating	326659.48	327221.49	0:00	0	0:00	0
577	Year-Round Residence	Non-Participating	326775.48	327244.34	0:00	0	0:00	0
578	Year-Round Residence	Non-Participating	326695.98	327292.67	0:00	0	0:00	0
579	Year-Round Residence	Non-Participating	326792.03	327297.26	0:00	0	0:00	0
580	Year-Round Residence	Non-Participating	326896.33	327387.16	0:00	0	0:00	0
581	Year-Round Residence	Non-Participating	326908.21	327453.02	0:00	0	0:00	0
582	Year-Round Residence	Non-Participating	328464.84	322714.81	0:00	0	0:00	0
583	Year-Round Residence	Non-Participating	328548.86	322814.99	0:00	0	0:00	0
584	Year-Round Residence	Non-Participating	328501.26	322867.24	0:00	0	0:00	0
585	Year-Round Residence	Non-Participating	328475.00	323052.29	0:00	0	0:00	0
586	Year-Round Residence	Non-Participating	330070.41	326271.36	0:00	0	0:00	0
587	Year-Round Residence	Non-Participating	329980.77	326335.86	0:00	0	0:00	0
588	Year-Round Residence	Non-Participating	329865.75	326348.73	0:00	0	0:00	0
590	Year-Round Residence	Non-Participating	329909.52	326586.66	0:00	0	0:00	0
591	Year-Round Residence	Non-Participating	329674.57	326862.50	0:00	0	0:00	0
592	Year-Round Residence	Non-Participating	329741.46	327247.66	0:00	0	0:00	0
593	Year-Round Residence	Non-Participating	329667.33	327452.83	0:00	0	0:00	0
594	Year-Round Residence	Non-Participating	329786.61	327570.30	0:00	0	0:00	0
595	Year-Round Residence	Non-Participating	329659.26	327523.82	0:00	0	0:00	0
596	Year-Round Residence	Non-Participating	329665.46	327778.01	0:00	0	0:00	0
597	Year-Round Residence	Non-Participating	329876.60	327713.09	0:00	0	0:00	0
598	Year-Round Residence	Non-Participating	329690.66	326380.12	0:00	0	0:00	0
599	Year-Round Residence	Non-Participating	329493.20	326408.86	0:00	0	0:00	0
600	Year-Round Residence	Non-Participating	329088.24	326818.38	0:00	0	0:00	0
601	Year-Round Residence	Non-Participating	328838.10	327314.44	0:00	0	0:00	0
603	Year-Round Residence	Non-Participating	328540.83	327937.99	0:00	0	0:00	0
604	Year-Round Residence	Non-Participating	328548.14	328125.00	0:00	0	0:00	0
605	Year-Round Residence	Non-Participating	328511.74	328266.48	0:00	0	0:00	0
606	Year-Round Residence	Non-Participating	328475.05	328349.28	0:00	0	0:00	0
607	Year-Round Residence	Non-Participating	328476.55	328401.65	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
608	Year-Round Residence	Non-Participating	328381.01	328457.39	0:00	0	0:00	0
609	Year-Round Residence	Non-Participating	327895.13	327465.04	0:00	0	0:00	0
610	Year-Round Residence	Non-Participating	327415.20	327653.33	0:00	0	0:00	0
611	Year-Round Residence	Non-Participating	327588.98	327484.75	0:00	0	0:00	0
612	Year-Round Residence	Non-Participating	327835.02	327094.72	0:00	0	0:00	0
613	Year-Round Residence	Non-Participating	327781.47	327118.13	0:00	0	0:00	0
614	Year-Round Residence	Non-Participating	327762.70	327142.24	0:00	0	0:00	0
615	Year-Round Residence	Non-Participating	327678.01	326917.60	0:00	0	0:00	0
616	Year-Round Residence	Non-Participating	327470.70	326839.66	0:00	0	0:00	0
617	Year-Round Residence	Non-Participating	326708.71	325510.49	83:51	56	16:54	1014
618	Year-Round Residence	Non-Participating	326712.96	325555.38	90:41	55	17:14	1034
619	Year-Round Residence	Non-Participating	326695.20	325726.06	81:08	63	13:10	790
621	Year-Round Residence	Non-Participating	326701.99	326079.42	0:00	0	0:00	0
622	Year-Round Residence	Non-Participating	326602.66	326054.42	0:00	0	0:00	0
623	Year-Round Residence	Non-Participating	326586.41	326168.23	0:00	0	0:00	0
624	Year-Round Residence	Non-Participating	326584.79	326238.63	0:00	0	0:00	0
625	Year-Round Residence	Non-Participating	326411.39	326280.73	0:00	0	0:00	0
626	Year-Round Residence	Non-Participating	326477.82	326395.59	0:00	0	0:00	0
627	Year-Round Residence	Non-Participating	326441.62	326451.40	0:00	0	0:00	0
628	Year-Round Residence	Non-Participating	326401.74	326599.84	0:00	0	0:00	0
629	Year-Round Residence	Non-Participating	326481.82	326785.91	0:00	0	0:00	0
630	Year-Round Residence	Non-Participating	326414.92	326914.05	0:00	0	0:00	0
631	Year-Round Residence	Non-Participating	326326.64	326919.04	0:00	0	0:00	0
632	Year-Round Residence	Non-Participating	326246.96	326933.13	0:00	0	0:00	0
633	Year-Round Residence	Non-Participating	326142.75	326931.26	0:00	0	0:00	0
634	Year-Round Residence	Non-Participating	325950.33	326982.90	0:00	0	0:00	0
635	Year-Round Residence	Non-Participating	325740.63	327009.10	0:00	0	0:00	0
636	Year-Round Residence	Non-Participating	325672.13	327507.94	0:00	0	0:00	0
637	Year-Round Residence	Non-Participating	325700.00	327630.91	0:00	0	0:00	0
638	Year-Round Residence	Non-Participating	325672.34	328040.57	0:00	0	0:00	0
639	Year-Round Residence	Non-Participating	325746.08	328063.11	0:00	0	0:00	0
640	Year-Round Residence	Non-Participating	325691.72	328124.28	0:00	0	0:00	0
641	Year-Round Residence	Non-Participating	325711.11	328221.86	0:00	0	0:00	0
642	Year-Round Residence	Non-Participating	325744.19	328336.83	0:00	0	0:00	0
643	Year-Round Residence	Non-Participating	325674.29	328375.31	0:00	0	0:00	0
644	Year-Round Residence	Non-Participating	326012.20	328401.63	0:00	0	0:00	0
645	Year-Round Residence	Non-Participating	326152.27	328506.18	0:00	0	0:00	0
646	Year-Round Residence	Non-Participating	326113.01	328409.67	0:00	0	0:00	0
647	Year-Round Residence	Non-Participating	326212.02	328424.82	0:00	0	0:00	0
648	Year-Round Residence	Non-Participating	326318.65	328501.06	0:00	0	0:00	0
649	Year-Round Residence	Non-Participating	326410.82	328582.70	0:00	0	0:00	0
650	Year-Round Residence	Non-Participating	326493.76	328550.96	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
651	Year-Round Residence	Non-Participating	326851.80	328497.00	0:00	0	0:00	0
652	Year-Round Residence	Non-Participating	326613.69	328392.95	0:00	0	0:00	0
653	Year-Round Residence	Non-Participating	326572.88	325697.83	105:40	81	17:10	1030
654	Year-Round Residence	Non-Participating	326496.07	325713.02	99:57	83	15:58	958
655	Year-Round Residence	Non-Participating	326404.00	325722.64	79:02	72	12:25	745
656	Year-Round Residence	Non-Participating	326367.51	325624.10	104:09	77	16:36	996
657	Year-Round Residence	Non-Participating	326332.81	325715.92	57:22	52	9:00	540
658	Year-Round Residence	Non-Participating	326307.12	325606.54	101:58	69	15:56	956
659	Year-Round Residence	Non-Participating	326269.00	325693.83	45:13	47	7:04	424
660	Year-Round Residence	Non-Participating	326224.58	325615.64	75:00	67	11:42	702
661	Year-Round Residence	Non-Participating	326198.44	325709.84	14:14	25	2:33	153
662	Year-Round Residence	Non-Participating	325969.48	325710.06	0:00	0	0:00	0
663	Year-Round Residence	Non-Participating	325700.57	326014.11	0:00	0	0:00	0
664	Year-Round Residence	Non-Participating	325743.82	326057.97	0:00	0	0:00	0
665	Year-Round Residence	Non-Participating	325751.65	326129.23	0:00	0	0:00	0
666	Year-Round Residence	Non-Participating	325754.69	326203.32	0:00	0	0:00	0
667	Year-Round Residence	Non-Participating	325736.82	326261.21	0:00	0	0:00	0
668	Year-Round Residence	Non-Participating	325744.91	326331.06	0:00	0	0:00	0
669	Year-Round Residence	Non-Participating	325747.75	326429.03	0:00	0	0:00	0
670	Year-Round Residence	Non-Participating	325750.08	326486.12	0:00	0	0:00	0
671	Year-Round Residence	Non-Participating	325854.60	326663.33	0:00	0	0:00	0
672	Year-Round Residence	Non-Participating	325425.65	326994.85	0:00	0	0:00	0
673	Year-Round Residence	Non-Participating	325104.03	327882.84	0:00	0	0:00	0
674	Year-Round Residence	Non-Participating	325016.17	327892.05	0:00	0	0:00	0
675	Year-Round Residence	Non-Participating	324942.80	328055.65	0:00	0	0:00	0
676	Year-Round Residence	Non-Participating	324115.74	328036.99	0:00	0	0:00	0
677	Year-Round Residence	Non-Participating	324313.27	327911.51	0:00	0	0:00	0
678	Year-Round Residence	Non-Participating	324383.65	327571.59	30:03	29	4:35	275
679	Year-Round Residence	Non-Participating	324665.78	327336.01	11:55	25	2:29	149
681	Year-Round Residence	Non-Participating	325155.76	326738.40	0:00	0	0:00	0
682	Year-Round Residence	Non-Participating	325269.53	325663.08	47:29	66	9:38	578
683	Year-Round Residence	Non-Participating	325279.20	325628.61	55:15	67	11:03	663
684	Year-Round Residence	Non-Participating	325296.66	325606.08	62:59	68	12:29	749
685	Year-Round Residence	Non-Participating	325319.64	325594.68	67:28	69	13:21	801
687	Year-Round Residence	Non-Participating	323607.51	327541.12	0:00	0	0:00	0
688	Year-Round Residence	Non-Participating	323634.85	327473.47	0:00	0	0:00	0
689	Year-Round Residence	Non-Participating	323667.47	327422.53	0:00	0	0:00	0
690	Year-Round Residence	Non-Participating	323743.37	327378.89	12:18	29	1:39	99
691	Year-Round Residence	Non-Participating	323948.14	326728.54	57:55	57	17:50	1070
692	Year-Round Residence	Non-Participating	323917.32	326574.41	106:25	61	34:48	2088
693	Year-Round Residence	Non-Participating	323939.22	326503.06	82:05	59	27:39	1659
694	Year-Round Residence	Non-Participating	324022.63	326186.20	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
696	Year-Round Residence	Non-Participating	324194.77	325741.25	0:00	0	0:00	0
697	Year-Round Residence	Non-Participating	324282.81	325570.53	30:49	46	4:25	265
698	Year-Round Residence	Non-Participating	324363.05	325478.61	83:46	61	12:52	772
699	Year-Round Residence	Non-Participating	324594.92	324913.88	195:28	80	47:34	2854
700	Year-Round Residence	Non-Participating	324831.93	324371.68	112:53	54	36:19	2179
701	Year-Round Residence	Non-Participating	324991.93	323830.97	16:41	30	5:14	314
703	Year-Round Residence	Non-Participating	322846.05	326170.30	76:08	50	24:07	1447
704	Year-Round Residence	Non-Participating	322857.95	326139.50	67:26	49	21:28	1288
705	Year-Round Residence	Non-Participating	323158.90	325496.31	36:35	39	6:53	413
706	Year-Round Residence	Non-Participating	323320.03	324905.64	97:37	54	27:31	1651
708	Year-Round Residence	Non-Participating	323690.28	324591.21	92:29	73	27:47	1667
709	Year-Round Residence	Non-Participating	323599.59	324540.28	71:37	63	22:09	1329
710	Year-Round Residence	Non-Participating	324371.67	323917.57	17:10	32	4:47	287
711	Year-Round Residence	Non-Participating	322599.52	325185.83	62:04	41	10:48	648
713	Year-Round Residence	Non-Participating	323281.10	323143.80	0:00	0	0:00	0
714	Seasonal Residence	Non-Participating	325745.16	321821.92	0:00	0	0:00	0
715	Seasonal Residence	Non-Participating	326701.27	325635.06	85:10	61	15:05	905
716	Seasonal Residence	Non-Participating	325343.12	327976.48	0:00	0	0:00	0
717	Seasonal Residence	Non-Participating	325366.04	327983.59	0:00	0	0:00	0
718	Seasonal Residence	Non-Participating	325345.23	327936.13	0:00	0	0:00	0
719	Seasonal Residence	Non-Participating	325377.89	327944.19	0:00	0	0:00	0
720	Seasonal Residence	Non-Participating	325400.21	327958.17	0:00	0	0:00	0
721	Seasonal Residence	Non-Participating	325356.06	327914.30	0:00	0	0:00	0
722	Seasonal Residence	Non-Participating	325371.98	327892.02	0:00	0	0:00	0
723	Seasonal Residence	Non-Participating	325400.05	327932.38	0:00	0	0:00	0
724	Seasonal Residence	Non-Participating	325402.60	327910.25	0:00	0	0:00	0
725	Seasonal Residence	Non-Participating	325418.02	327904.20	0:00	0	0:00	0
726	Seasonal Residence	Non-Participating	325409.08	327888.46	0:00	0	0:00	0
727	Seasonal Residence	Non-Participating	325419.54	327876.89	0:00	0	0:00	0
728	Seasonal Residence	Non-Participating	325413.45	328009.73	0:00	0	0:00	0
729	Seasonal Residence	Non-Participating	325393.45	327973.71	0:00	0	0:00	0
730	Seasonal Residence	Non-Participating	325454.06	328015.84	0:00	0	0:00	0
731	Seasonal Residence	Non-Participating	325480.37	328044.51	0:00	0	0:00	0
732	Seasonal Residence	Non-Participating	325490.48	328033.29	0:00	0	0:00	0
733	Seasonal Residence	Non-Participating	325471.95	328003.69	0:00	0	0:00	0
734	Seasonal Residence	Non-Participating	325483.03	327995.61	0:00	0	0:00	0
735	Seasonal Residence	Non-Participating	325547.38	328013.83	0:00	0	0:00	0
736	Seasonal Residence	Non-Participating	325563.23	328024.46	0:00	0	0:00	0
737	Seasonal Residence	Non-Participating	325516.86	328018.94	0:00	0	0:00	0
738	Seasonal Residence	Non-Participating	325514.02	328002.52	0:00	0	0:00	0
739	Seasonal Residence	Non-Participating	325531.43	327979.98	0:00	0	0:00	0
740	Seasonal Residence	Non-Participating	325629.78	328003.20	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
741	Seasonal Residence	Non-Participating	325543.56	327921.70	0:00	0	0:00	0
742	Seasonal Residence	Non-Participating	325596.85	327929.07	0:00	0	0:00	0
743	Seasonal Residence	Non-Participating	325583.77	327965.54	0:00	0	0:00	0
744	Seasonal Residence	Non-Participating	325602.10	327960.98	0:00	0	0:00	0
745	Seasonal Residence	Non-Participating	325561.30	327937.44	0:00	0	0:00	0
746	Seasonal Residence	Non-Participating	325446.29	328026.82	0:00	0	0:00	0
747	Seasonal Residence	Non-Participating	325658.48	328135.24	0:00	0	0:00	0
748	Seasonal Residence	Non-Participating	325661.48	326324.43	0:00	0	0:00	0
878	Year-Round Residence	Non-Participating	325945.81	326888.42	0:00	0	0:00	0
940	Year-Round Residence	Non-Participating	327613.59	320420.17	0:00	0	0:00	0
998	Year-Round Residence	Non-Participating	324166.93	321721.96	0:00	0	0:00	0
1003	Year-Round Residence	Non-Participating	324046.35	321189.46	0:00	0	0:00	0
1025	Year-Round Residence	Non-Participating	330339.16	322901.61	0:00	0	0:00	0
1122	Year-Round Residence	Non-Participating	325000.23	327144.27	0:00	0	0:00	0
1129	Year-Round Residence	Non-Participating	324047.36	325972.98	0:00	0	0:00	0
1144	Year-Round Residence	Non-Participating	325887.36	323375.87	0:00	0	0:00	0
1145	Year-Round Residence	Non-Participating	325890.11	323346.79	0:00	0	0:00	0
1147	Year-Round Residence	Non-Participating	329880.15	322685.06	0:00	0	0:00	0
1148	Year-Round Residence	Non-Participating	329952.55	325105.23	0:00	0	0:00	0
1152	Year-Round Residence	Non-Participating	328507.39	328156.85	0:00	0	0:00	0
1156	Seasonal Residence	Non-Participating	323927.02	326942.58	49:37	54	12:13	733
1163	Year-Round Residence	Non-Participating	324570.27	327397.25	14:21	27	2:39	159
1164	Year-Round Residence	Non-Participating	324599.72	327375.63	13:27	26	2:36	156
1166	Year-Round Residence	Non-Participating	325724.92	327986.21	0:00	0	0:00	0
1167	Year-Round Residence	Non-Participating	326355.85	328616.48	0:00	0	0:00	0
1168	Year-Round Residence	Non-Participating	326482.93	326886.36	0:00	0	0:00	0
1169	Year-Round Residence	Non-Participating	326681.45	327386.34	0:00	0	0:00	0
1171	Year-Round Residence	Non-Participating	327603.15	325435.83	89:14	80	13:26	806
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	242:57	92	61:28	3688
1174	Year-Round Residence	Non-Participating	328258.97	324981.09	62:30	45	16:00	960
1176	Year-Round Residence	Non-Participating	330335.09	324905.12	0:00	0	0:00	0
1177	Year-Round Residence	Non-Participating	330153.01	325466.87	0:00	0	0:00	0
1178	Year-Round Residence	Non-Participating	324583.88	320893.66	0:00	0	0:00	0
1179	Year-Round Residence	Non-Participating	327064.62	323283.95	0:00	0	0:00	0
1183	Year-Round Residence	Non-Participating	328511.02	322768.13	0:00	0	0:00	0
1224	Year-Round Residence	Non-Participating	316822.82	329014.14	20:26	25	5:49	349
1275	Year-Round Residence	Non-Participating	322070.83	327704.69	0:00	0	0:00	0
1365	Year-Round Residence	Non-Participating	320539.86	330746.94	0:00	0	0:00	0
1406	Year-Round Residence	Non-Participating	319551.11	322646.06	0:00	0	0:00	0
1409	Year-Round Residence	Non-Participating	323113.39	320090.60	0:00	0	0:00	0
1419	Seasonal Residence	Non-Participating	313209.56	328767.83	0:00	0	0:00	0
1421	Seasonal Residence	Non-Participating	316258.35	332105.08	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1422	Seasonal Residence	Non-Participating	317821.10	332559.73	0:00	0	0:00	0
1423	Seasonal Residence	Non-Participating	316491.12	329705.46	0:00	0	0:00	0
1425	Seasonal Residence	Non-Participating	313664.39	325982.83	0:00	0	0:00	0
1426	Seasonal Residence	Non-Participating	316087.96	326037.01	42:15	33	13:15	795
1427	Seasonal Residence	Non-Participating	316116.75	325871.01	17:39	30	5:29	329
1428	Seasonal Residence	Non-Participating	315968.20	326636.82	25:57	30	7:02	422
1430	Seasonal Residence	Non-Participating	320063.55	329354.58	26:03	38	5:21	321
1432	Seasonal Residence	Non-Participating	319185.70	326447.45	68:16	51	17:27	1047
1433	Seasonal Residence	Non-Participating	319901.71	329969.79	0:00	0	0:00	0
1434	Seasonal Residence	Non-Participating	323920.16	328604.23	0:00	0	0:00	0
1438	Year-Round Residence	Non-Participating	318721.38	329731.20	71:12	54	10:56	656
1439	Year-Round Residence	Non-Participating	312967.76	326979.39	0:00	0	0:00	0
1440	Year-Round Residence	Non-Participating	313042.05	326949.42	0:00	0	0:00	0
1441	Year-Round Residence	Non-Participating	313111.01	326969.73	0:00	0	0:00	0
1442	Year-Round Residence	Non-Participating	313191.15	327029.38	0:00	0	0:00	0
1443	Year-Round Residence	Non-Participating	313258.73	327007.33	0:00	0	0:00	0
1444	Year-Round Residence	Non-Participating	313377.60	327129.66	0:00	0	0:00	0
1445	Year-Round Residence	Non-Participating	313311.36	327194.05	0:00	0	0:00	0
1446	Year-Round Residence	Non-Participating	313174.86	327170.26	0:00	0	0:00	0
1447	Year-Round Residence	Non-Participating	313161.11	327222.95	0:00	0	0:00	0
1448	Year-Round Residence	Non-Participating	313125.99	327262.87	0:00	0	0:00	0
1449	Year-Round Residence	Non-Participating	313092.30	327319.27	0:00	0	0:00	0
1450	Year-Round Residence	Non-Participating	313053.96	327352.15	0:00	0	0:00	0
1451	Year-Round Residence	Non-Participating	313034.29	327397.98	0:00	0	0:00	0
1452	Year-Round Residence	Non-Participating	313120.41	327475.47	0:00	0	0:00	0
1453	Year-Round Residence	Non-Participating	312972.61	327495.45	0:00	0	0:00	0
1454	Year-Round Residence	Non-Participating	313196.59	326572.88	0:00	0	0:00	0
1455	Year-Round Residence	Non-Participating	313179.66	326499.26	0:00	0	0:00	0
1456	Year-Round Residence	Non-Participating	313272.81	326547.92	0:00	0	0:00	0
1457	Year-Round Residence	Non-Participating	313257.94	326470.93	0:00	0	0:00	0
1458	Year-Round Residence	Non-Participating	313346.76	326533.97	0:00	0	0:00	0
1459	Year-Round Residence	Non-Participating	313329.10	326450.26	0:00	0	0:00	0
1460	Year-Round Residence	Non-Participating	313406.02	326508.66	0:00	0	0:00	0
1461	Year-Round Residence	Non-Participating	313400.40	326413.17	0:00	0	0:00	0
1462	Year-Round Residence	Non-Participating	313345.60	326366.75	0:00	0	0:00	0
1463	Year-Round Residence	Non-Participating	313259.28	326356.70	0:00	0	0:00	0
1464	Year-Round Residence	Non-Participating	313197.06	326246.34	0:00	0	0:00	0
1465	Year-Round Residence	Non-Participating	313237.91	326133.43	0:00	0	0:00	0
1466	Year-Round Residence	Non-Participating	313431.39	326286.56	0:00	0	0:00	0
1467	Year-Round Residence	Non-Participating	313364.20	327216.23	0:00	0	0:00	0
1468	Year-Round Residence	Non-Participating	313481.86	327262.51	0:00	0	0:00	0
1469	Year-Round Residence	Non-Participating	313703.14	327291.26	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1470	Year-Round Residence	Non-Participating	313751.46	327308.59	0:00	0	0:00	0
1471	Year-Round Residence	Non-Participating	313806.07	327415.41	0:00	0	0:00	0
1472	Year-Round Residence	Non-Participating	313917.19	327390.29	0:00	0	0:00	0
1473	Year-Round Residence	Non-Participating	313592.39	327089.79	0:00	0	0:00	0
1474	Year-Round Residence	Non-Participating	313638.97	327081.09	0:00	0	0:00	0
1475	Year-Round Residence	Non-Participating	313699.78	327128.42	0:00	0	0:00	0
1476	Year-Round Residence	Non-Participating	313783.15	327128.53	0:00	0	0:00	0
1477	Year-Round Residence	Non-Participating	313722.90	327044.75	0:00	0	0:00	0
1478	Year-Round Residence	Non-Participating	313779.01	327056.60	0:00	0	0:00	0
1479	Year-Round Residence	Non-Participating	313828.68	327039.61	0:00	0	0:00	0
1480	Year-Round Residence	Non-Participating	313842.30	327129.09	0:00	0	0:00	0
1481	Year-Round Residence	Non-Participating	313910.71	327136.72	0:00	0	0:00	0
1482	Year-Round Residence	Non-Participating	313924.65	327021.49	0:00	0	0:00	0
1483	Year-Round Residence	Non-Participating	314253.38	327418.18	0:00	0	0:00	0
1484	Year-Round Residence	Non-Participating	314297.96	327484.44	0:00	0	0:00	0
1485	Year-Round Residence	Non-Participating	314248.18	327650.62	0:00	0	0:00	0
1486	Year-Round Residence	Non-Participating	314162.36	327635.89	0:00	0	0:00	0
1487	Year-Round Residence	Non-Participating	314002.12	327458.34	0:00	0	0:00	0
1488	Year-Round Residence	Non-Participating	313970.42	327505.32	0:00	0	0:00	0
1489	Year-Round Residence	Non-Participating	313980.93	327557.55	0:00	0	0:00	0
1490	Year-Round Residence	Non-Participating	313943.32	327914.61	0:00	0	0:00	0
1491	Year-Round Residence	Non-Participating	313932.71	327989.83	0:00	0	0:00	0
1493	Year-Round Residence	Non-Participating	313815.68	328474.02	0:00	0	0:00	0
1494	Year-Round Residence	Non-Participating	313721.93	328454.62	0:00	0	0:00	0
1496	Year-Round Residence	Non-Participating	313628.66	329025.75	0:00	0	0:00	0
1497	Year-Round Residence	Non-Participating	313697.09	329799.65	0:00	0	0:00	0
1498	Year-Round Residence	Non-Participating	313687.67	330025.45	0:00	0	0:00	0
1499	Year-Round Residence	Non-Participating	313601.18	330082.10	0:00	0	0:00	0
1500	Year-Round Residence	Non-Participating	313413.64	330010.49	0:00	0	0:00	0
1501	Year-Round Residence	Non-Participating	313829.25	330028.78	0:00	0	0:00	0
1502	Year-Round Residence	Non-Participating	313964.92	330096.38	0:00	0	0:00	0
1503	Year-Round Residence	Non-Participating	313999.76	330029.11	0:00	0	0:00	0
1504	Year-Round Residence	Non-Participating	314067.00	330034.76	0:00	0	0:00	0
1505	Year-Round Residence	Non-Participating	314035.46	330085.76	0:00	0	0:00	0
1506	Year-Round Residence	Non-Participating	314260.71	330096.96	0:00	0	0:00	0
1507	Year-Round Residence	Non-Participating	314285.14	330021.87	0:00	0	0:00	0
1508	Year-Round Residence	Non-Participating	314451.52	330019.85	0:00	0	0:00	0
1509	Year-Round Residence	Non-Participating	314533.04	330027.50	0:00	0	0:00	0
1511	Year-Round Residence	Non-Participating	314932.90	330000.03	0:00	0	0:00	0
1512	Year-Round Residence	Non-Participating	315001.78	330054.61	0:00	0	0:00	0
1513	Year-Round Residence	Non-Participating	314997.99	329999.36	0:00	0	0:00	0
1514	Year-Round Residence	Non-Participating	315010.48	329939.82	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1515	Year-Round Residence	Non-Participating	315011.59	330199.68	0:00	0	0:00	0
1516	Year-Round Residence	Non-Participating	315009.83	330268.05	0:00	0	0:00	0
1517	Year-Round Residence	Non-Participating	314932.67	330460.58	0:00	0	0:00	0
1519	Year-Round Residence	Non-Participating	314939.30	330576.96	0:00	0	0:00	0
1520	Year-Round Residence	Non-Participating	315012.13	330682.81	0:00	0	0:00	0
1521	Year-Round Residence	Non-Participating	314910.30	331361.14	0:00	0	0:00	0
1522	Year-Round Residence	Non-Participating	314924.00	331425.38	0:00	0	0:00	0
1523	Year-Round Residence	Non-Participating	315051.38	331423.62	0:00	0	0:00	0
1524	Year-Round Residence	Non-Participating	314916.10	331481.80	0:00	0	0:00	0
1525	Year-Round Residence	Non-Participating	314914.50	331550.79	0:00	0	0:00	0
1526	Year-Round Residence	Non-Participating	314979.50	331612.67	0:00	0	0:00	0
1528	Year-Round Residence	Non-Participating	315767.33	332047.04	0:00	0	0:00	0
1529	Year-Round Residence	Non-Participating	315835.06	332039.26	0:00	0	0:00	0
1530	Year-Round Residence	Non-Participating	315885.10	332053.75	0:00	0	0:00	0
1531	Year-Round Residence	Non-Participating	316179.66	332111.57	0:00	0	0:00	0
1532	Year-Round Residence	Non-Participating	316243.14	332049.68	0:00	0	0:00	0
1533	Year-Round Residence	Non-Participating	316965.40	332094.86	0:00	0	0:00	0
1534	Year-Round Residence	Non-Participating	316940.62	332517.63	0:00	0	0:00	0
1535	Year-Round Residence	Non-Participating	316948.80	332661.74	0:00	0	0:00	0
1536	Year-Round Residence	Non-Participating	317162.01	332007.60	0:00	0	0:00	0
1537	Year-Round Residence	Non-Participating	317303.94	331926.49	0:00	0	0:00	0
1538	Year-Round Residence	Non-Participating	317470.51	332078.34	0:00	0	0:00	0
1539	Year-Round Residence	Non-Participating	317531.49	332035.95	0:00	0	0:00	0
1540	Year-Round Residence	Non-Participating	315162.28	331387.59	0:00	0	0:00	0
1541	Year-Round Residence	Non-Participating	315242.14	331410.61	0:00	0	0:00	0
1542	Year-Round Residence	Non-Participating	315187.86	331505.88	0:00	0	0:00	0
1543	Year-Round Residence	Non-Participating	315555.89	331563.03	0:00	0	0:00	0
1544	Year-Round Residence	Non-Participating	315538.74	331503.09	0:00	0	0:00	0
1545	Year-Round Residence	Non-Participating	315916.58	331615.03	0:00	0	0:00	0
1546	Year-Round Residence	Non-Participating	316384.90	331774.75	0:00	0	0:00	0
1547	Year-Round Residence	Non-Participating	317251.00	331773.09	0:00	0	0:00	0
1548	Year-Round Residence	Non-Participating	317771.95	332376.33	0:00	0	0:00	0
1549	Year-Round Residence	Non-Participating	317928.99	332531.91	0:00	0	0:00	0
1550	Year-Round Residence	Non-Participating	317912.84	332517.00	0:00	0	0:00	0
1551	Year-Round Residence	Non-Participating	317956.75	332503.53	0:00	0	0:00	0
1552	Year-Round Residence	Non-Participating	318173.58	332579.80	0:00	0	0:00	0
1553	Year-Round Residence	Non-Participating	318198.75	332538.77	0:00	0	0:00	0
1554	Year-Round Residence	Non-Participating	318297.85	332645.62	0:00	0	0:00	0
1555	Year-Round Residence	Non-Participating	318392.60	332680.07	0:00	0	0:00	0
1556	Year-Round Residence	Non-Participating	318899.32	333078.03	0:00	0	0:00	0
1557	Year-Round Residence	Non-Participating	318618.06	333462.22	0:00	0	0:00	0
1558	Year-Round Residence	Non-Participating	318595.67	333526.37	0:00	0	0:00	0



Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1559	Year-Round Residence	Non-Participating	318651.84	333523.40	0:00	0	0:00	0
1561	Year-Round Residence	Non-Participating	318842.75	333517.28	0:00	0	0:00	0
1562	Year-Round Residence	Non-Participating	319036.75	333421.10	0:00	0	0:00	0
1563	Year-Round Residence	Non-Participating	319176.82	333363.00	0:00	0	0:00	0
1564	Year-Round Residence	Non-Participating	319207.68	333346.72	0:00	0	0:00	0
1565	Year-Round Residence	Non-Participating	319504.27	333413.13	0:00	0	0:00	0
1566	Year-Round Residence	Non-Participating	317506.43	333622.88	0:00	0	0:00	0
1567	Year-Round Residence	Non-Participating	317672.08	333519.27	0:00	0	0:00	0
1568	Year-Round Residence	Non-Participating	317946.98	333513.69	0:00	0	0:00	0
1569	Year-Round Residence	Non-Participating	318306.56	333526.46	0:00	0	0:00	0
1570	Year-Round Residence	Non-Participating	318962.92	333114.33	0:00	0	0:00	0
1571	Year-Round Residence	Non-Participating	318931.70	333010.16	0:00	0	0:00	0
1572	Year-Round Residence	Non-Participating	318945.85	332637.68	0:00	0	0:00	0
1573	Year-Round Residence	Non-Participating	318960.04	332427.90	0:00	0	0:00	0
1574	Year-Round Residence	Non-Participating	318870.32	332207.11	0:00	0	0:00	0
1575	Year-Round Residence	Non-Participating	318885.37	332111.27	0:00	0	0:00	0
1576	Year-Round Residence	Non-Participating	318938.14	332143.57	0:00	0	0:00	0
1577	Year-Round Residence	Non-Participating	318937.99	332085.30	0:00	0	0:00	0
1578	Year-Round Residence	Non-Participating	318876.04	331665.43	0:00	0	0:00	0
1579	Year-Round Residence	Non-Participating	318317.00	331795.20	0:00	0	0:00	0
1580	Year-Round Residence	Non-Participating	318255.95	331816.99	0:00	0	0:00	0
1581	Year-Round Residence	Non-Participating	318142.94	331788.38	0:00	0	0:00	0
1582	Year-Round Residence	Non-Participating	318052.40	331754.82	0:00	0	0:00	0
1583	Year-Round Residence	Non-Participating	318019.80	331786.40	0:00	0	0:00	0
1584	Year-Round Residence	Non-Participating	316831.43	331217.22	0:00	0	0:00	0
1585	Year-Round Residence	Non-Participating	316859.36	331102.09	0:00	0	0:00	0
1586	Year-Round Residence	Non-Participating	316826.82	331047.66	0:00	0	0:00	0
1587	Year-Round Residence	Non-Participating	316853.49	330976.13	0:00	0	0:00	0
1588	Year-Round Residence	Non-Participating	316843.19	330708.39	0:00	0	0:00	0
1589	Year-Round Residence	Non-Participating	316836.94	330583.82	0:00	0	0:00	0
1590	Year-Round Residence	Non-Participating	316840.66	330247.46	0:00	0	0:00	0
1592	Year-Round Residence	Non-Participating	316349.09	330103.34	0:00	0	0:00	0
1593	Year-Round Residence	Non-Participating	316115.85	330155.12	0:00	0	0:00	0
1595	Year-Round Residence	Non-Participating	315914.84	330004.21	0:00	0	0:00	0
1597	Year-Round Residence	Non-Participating	315758.86	330108.47	0:00	0	0:00	0
1598	Year-Round Residence	Non-Participating	315584.07	330108.17	0:00	0	0:00	0
1599	Year-Round Residence	Non-Participating	315445.36	329967.59	0:00	0	0:00	0
1600	Year-Round Residence	Non-Participating	315282.32	330095.98	0:00	0	0:00	0
1601	Year-Round Residence	Non-Participating	317011.56	329803.88	13:32	27	2:57	177
1602	Year-Round Residence	Non-Participating	317146.67	329782.64	17:08	29	3:35	215
1603	Year-Round Residence	Non-Participating	316828.16	329278.93	10:15	25	2:55	175
1604	Year-Round Residence	Non-Participating	316840.36	329228.44	10:42	25	3:05	185

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1605	Year-Round Residence	Non-Participating	316735.89	329005.06	9:53	24	3:02	182
1606	Year-Round Residence	Non-Participating	316605.59	328887.32	0:00	0	0:00	0
1607	Year-Round Residence	Non-Participating	316567.71	329033.05	0:00	0	0:00	0
1608	Year-Round Residence	Non-Participating	316733.74	328837.52	0:00	0	0:00	0
1609	Year-Round Residence	Non-Participating	316491.74	328744.02	0:00	0	0:00	0
1610	Year-Round Residence	Non-Participating	316233.99	328685.00	0:00	0	0:00	0
1611	Year-Round Residence	Non-Participating	316178.09	328571.86	0:00	0	0:00	0
1612	Year-Round Residence	Non-Participating	315960.19	328594.36	0:00	0	0:00	0
1613	Year-Round Residence	Non-Participating	315963.05	328457.18	0:00	0	0:00	0
1614	Year-Round Residence	Non-Participating	315874.56	328382.63	0:00	0	0:00	0
1615	Year-Round Residence	Non-Participating	315697.13	328351.49	32:04	47	5:06	306
1616	Year-Round Residence	Non-Participating	315375.61	328245.23	51:50	46	10:04	604
1617	Year-Round Residence	Non-Participating	315278.96	328192.26	53:02	42	10:54	654
1618	Year-Round Residence	Non-Participating	315323.62	328136.21	58:15	44	12:25	745
1619	Year-Round Residence	Non-Participating	314772.89	328334.16	12:25	26	2:59	179
1620	Year-Round Residence	Non-Participating	314771.79	328401.56	12:34	26	2:52	172
1621	Year-Round Residence	Non-Participating	314870.08	328530.03	16:02	27	3:02	182
1622	Year-Round Residence	Non-Participating	314833.81	328593.64	15:58	26	2:58	178
1623	Year-Round Residence	Non-Participating	315017.68	328719.70	25:53	29	4:19	259
1624	Year-Round Residence	Non-Participating	314971.61	329096.62	0:00	0	0:00	0
1625	Year-Round Residence	Non-Participating	314962.26	329064.08	0:00	0	0:00	0
1626	Year-Round Residence	Non-Participating	314959.08	329507.94	0:00	0	0:00	0
1628	Year-Round Residence	Non-Participating	315299.06	327572.50	83:38	46	25:36	1536
1629	Year-Round Residence	Non-Participating	314688.18	327819.34	11:35	26	3:26	206
1630	Year-Round Residence	Non-Participating	315279.35	327360.23	14:32	30	4:09	249
1631	Year-Round Residence	Non-Participating	315302.45	327324.36	15:06	30	4:22	262
1632	Year-Round Residence	Non-Participating	315368.39	327208.25	17:56	32	5:29	329
1633	Year-Round Residence	Non-Participating	315741.37	326674.82	10:43	26	3:03	183
1634	Year-Round Residence	Non-Participating	315758.97	326633.30	11:03	26	3:11	191
1635	Year-Round Residence	Non-Participating	315772.80	326591.51	11:29	26	3:22	202
1636	Year-Round Residence	Non-Participating	315695.63	326613.37	10:13	25	2:58	178
1637	Year-Round Residence	Non-Participating	315678.30	326616.04	10:00	25	2:54	174
1638	Year-Round Residence	Non-Participating	315657.74	326619.03	9:45	24	2:49	169
1639	Year-Round Residence	Non-Participating	315716.77	326577.99	10:42	25	3:09	189
1640	Year-Round Residence	Non-Participating	315693.92	326579.97	10:19	25	3:02	182
1641	Year-Round Residence	Non-Participating	315682.78	326584.02	10:04	25	2:57	177
1642	Year-Round Residence	Non-Participating	315663.69	326587.78	9:53	24	2:53	173
1643	Year-Round Residence	Non-Participating	315651.38	326588.65	9:43	24	2:50	170
1644	Year-Round Residence	Non-Participating	315596.87	326568.99	9:05	23	2:40	160
1645	Year-Round Residence	Non-Participating	315597.09	326577.37	9:03	23	2:39	159
1646	Year-Round Residence	Non-Participating	315433.80	326615.99	0:00	0	0:00	0
1647	Year-Round Residence	Non-Participating	315427.89	326556.77	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1648	Year-Round Residence	Non-Participating	315349.91	326589.01	1:33	9	0:28	28
1649	Year-Round Residence	Non-Participating	315325.96	326678.06	24:27	30	7:43	463
1650	Year-Round Residence	Non-Participating	315276.32	326611.41	16:32	26	5:11	311
1651	Year-Round Residence	Non-Participating	314263.41	326916.90	0:00	0	0:00	0
1652	Year-Round Residence	Non-Participating	313731.52	326502.18	0:00	0	0:00	0
1653	Year-Round Residence	Non-Participating	313601.57	326286.56	0:00	0	0:00	0
1654	Year-Round Residence	Non-Participating	315726.55	326447.63	11:16	25	3:28	208
1655	Year-Round Residence	Non-Participating	315871.35	326483.86	23:24	28	6:43	403
1656	Year-Round Residence	Non-Participating	315807.96	326378.91	22:21	27	6:35	395
1657	Year-Round Residence	Non-Participating	315945.37	326471.62	26:20	30	7:36	456
1658	Year-Round Residence	Non-Participating	315838.17	326300.72	24:14	28	7:15	435
1659	Year-Round Residence	Non-Participating	315824.98	326142.57	27:29	27	8:27	507
1660	Year-Round Residence	Non-Participating	315822.14	326099.45	29:17	27	9:07	547
1661	Year-Round Residence	Non-Participating	315829.11	325983.55	39:52	27	12:36	756
1662	Year-Round Residence	Non-Participating	315221.49	325660.80	0:00	0	0:00	0
1664	Year-Round Residence	Non-Participating	315160.07	325457.00	0:00	0	0:00	0
1665	Year-Round Residence	Non-Participating	315013.30	324934.58	0:00	0	0:00	0
1666	Year-Round Residence	Non-Participating	314991.19	324894.13	0:00	0	0:00	0
1667	Year-Round Residence	Non-Participating	314971.97	324853.21	0:00	0	0:00	0
1668	Year-Round Residence	Non-Participating	315039.14	324819.01	0:00	0	0:00	0
1669	Year-Round Residence	Non-Participating	314926.03	324733.55	0:00	0	0:00	0
1670	Year-Round Residence	Non-Participating	314767.17	324612.80	0:00	0	0:00	0
1671	Year-Round Residence	Non-Participating	314799.68	324520.18	0:00	0	0:00	0
1672	Year-Round Residence	Non-Participating	314748.49	324460.80	0:00	0	0:00	0
1673	Year-Round Residence	Non-Participating	314691.46	324399.17	0:00	0	0:00	0
1674	Year-Round Residence	Non-Participating	314510.58	324333.51	0:00	0	0:00	0
1675	Year-Round Residence	Non-Participating	314269.84	324397.90	0:00	0	0:00	0
1676	Year-Round Residence	Non-Participating	314240.27	324405.93	0:00	0	0:00	0
1677	Year-Round Residence	Non-Participating	314056.62	324410.17	0:00	0	0:00	0
1678	Year-Round Residence	Non-Participating	314222.26	324511.01	0:00	0	0:00	0
1679	Year-Round Residence	Non-Participating	314274.06	324516.39	0:00	0	0:00	0
1680	Year-Round Residence	Non-Participating	314633.61	324304.10	0:00	0	0:00	0
1681	Year-Round Residence	Non-Participating	314602.82	324270.58	0:00	0	0:00	0
1682	Year-Round Residence	Non-Participating	314575.05	324230.68	0:00	0	0:00	0
1683	Year-Round Residence	Non-Participating	314625.83	324187.68	0:00	0	0:00	0
1684	Year-Round Residence	Non-Participating	314583.95	324119.20	0:00	0	0:00	0
1685	Year-Round Residence	Non-Participating	314524.04	324029.46	0:00	0	0:00	0
1686	Year-Round Residence	Non-Participating	314481.50	323983.54	0:00	0	0:00	0
1687	Year-Round Residence	Non-Participating	314450.66	323916.96	0:00	0	0:00	0
1688	Year-Round Residence	Non-Participating	314367.43	323817.94	0:00	0	0:00	0
1689	Year-Round Residence	Non-Participating	315365.02	324383.19	0:00	0	0:00	0
1690	Year-Round Residence	Non-Participating	315412.98	324432.32	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1691	Year-Round Residence	Non-Participating	315430.45	324375.28	0:00	0	0:00	0
1692	Year-Round Residence	Non-Participating	315460.78	324293.40	0:00	0	0:00	0
1693	Year-Round Residence	Non-Participating	315594.13	324295.05	0:00	0	0:00	0
1694	Year-Round Residence	Non-Participating	315602.89	324343.27	0:00	0	0:00	0
1695	Year-Round Residence	Non-Participating	315617.48	324293.47	0:00	0	0:00	0
1696	Year-Round Residence	Non-Participating	315624.16	324341.98	0:00	0	0:00	0
1697	Year-Round Residence	Non-Participating	315639.59	324270.81	0:00	0	0:00	0
1698	Year-Round Residence	Non-Participating	315651.04	324335.41	0:00	0	0:00	0
1699	Year-Round Residence	Non-Participating	315679.52	324274.01	0:00	0	0:00	0
1700	Year-Round Residence	Non-Participating	315709.83	324328.35	0:00	0	0:00	0
1701	Year-Round Residence	Non-Participating	315704.39	324277.34	0:00	0	0:00	0
1702	Year-Round Residence	Non-Participating	315746.02	324333.13	0:00	0	0:00	0
1703	Year-Round Residence	Non-Participating	315802.29	324325.21	0:00	0	0:00	0
1704	Year-Round Residence	Non-Participating	315813.57	324262.76	0:00	0	0:00	0
1705	Year-Round Residence	Non-Participating	315851.74	324236.03	0:00	0	0:00	0
1706	Year-Round Residence	Non-Participating	315850.02	324211.78	0:00	0	0:00	0
1707	Year-Round Residence	Non-Participating	315849.02	324162.25	0:00	0	0:00	0
1708	Year-Round Residence	Non-Participating	315896.66	324190.67	0:00	0	0:00	0
1709	Year-Round Residence	Non-Participating	315931.58	324232.39	0:00	0	0:00	0
1710	Year-Round Residence	Non-Participating	315896.38	324171.16	0:00	0	0:00	0
1711	Year-Round Residence	Non-Participating	315862.45	324072.91	0:00	0	0:00	0
1712	Year-Round Residence	Non-Participating	315944.78	324059.31	0:00	0	0:00	0
1713	Year-Round Residence	Non-Participating	315860.19	324026.74	0:00	0	0:00	0
1714	Year-Round Residence	Non-Participating	315862.60	323992.89	0:00	0	0:00	0
1715	Year-Round Residence	Non-Participating	315542.78	323513.41	0:00	0	0:00	0
1716	Year-Round Residence	Non-Participating	315597.57	323431.12	0:00	0	0:00	0
1717	Year-Round Residence	Non-Participating	315670.27	323093.86	0:00	0	0:00	0
1718	Year-Round Residence	Non-Participating	315648.80	322945.60	0:00	0	0:00	0
1719	Year-Round Residence	Non-Participating	315842.16	325777.59	11:49	25	3:39	219
1720	Year-Round Residence	Non-Participating	315845.20	325721.23	12:26	24	3:51	231
1721	Year-Round Residence	Non-Participating	315775.27	325591.65	0:00	0	0:00	0
1722	Year-Round Residence	Non-Participating	315905.96	325564.46	20:11	25	6:28	388
1723	Year-Round Residence	Non-Participating	315732.06	325525.52	0:00	0	0:00	0
1724	Year-Round Residence	Non-Participating	315878.92	325483.58	0:00	0	0:00	0
1725	Year-Round Residence	Non-Participating	315868.39	325417.13	0:00	0	0:00	0
1726	Year-Round Residence	Non-Participating	316130.17	325410.50	0:00	0	0:00	0
1727	Year-Round Residence	Non-Participating	315766.50	325318.78	0:00	0	0:00	0
1728	Year-Round Residence	Non-Participating	315806.40	325181.06	0:00	0	0:00	0
1729	Year-Round Residence	Non-Participating	315801.94	325131.88	0:00	0	0:00	0
1730	Year-Round Residence	Non-Participating	315806.15	325041.39	0:00	0	0:00	0
1731	Year-Round Residence	Non-Participating	315815.19	324943.54	0:00	0	0:00	0
1732	Year-Round Residence	Non-Participating	315815.20	324887.91	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1733	Year-Round Residence	Non-Participating	315818.34	324846.31	0:00	0	0:00	0
1734	Year-Round Residence	Non-Participating	315887.03	324845.91	0:00	0	0:00	0
1735	Year-Round Residence	Non-Participating	315816.10	324807.31	0:00	0	0:00	0
1736	Year-Round Residence	Non-Participating	315816.17	324755.78	0:00	0	0:00	0
1737	Year-Round Residence	Non-Participating	315732.55	324738.14	0:00	0	0:00	0
1738	Year-Round Residence	Non-Participating	315877.87	324609.12	0:00	0	0:00	0
1739	Year-Round Residence	Non-Participating	315829.44	324568.36	0:00	0	0:00	0
1740	Year-Round Residence	Non-Participating	315883.82	324450.97	0:00	0	0:00	0
1741	Year-Round Residence	Non-Participating	315841.58	324436.57	0:00	0	0:00	0
1742	Year-Round Residence	Non-Participating	315880.49	324429.32	0:00	0	0:00	0
1743	Year-Round Residence	Non-Participating	315883.13	324408.14	0:00	0	0:00	0
1744	Year-Round Residence	Non-Participating	315841.59	324410.78	0:00	0	0:00	0
1745	Year-Round Residence	Non-Participating	315831.70	324373.16	0:00	0	0:00	0
1746	Year-Round Residence	Non-Participating	315887.61	324312.05	0:00	0	0:00	0
1747	Year-Round Residence	Non-Participating	315964.98	324306.54	0:00	0	0:00	0
1748	Year-Round Residence	Non-Participating	315960.73	324246.22	0:00	0	0:00	0
1749	Year-Round Residence	Non-Participating	315984.47	324243.16	0:00	0	0:00	0
1750	Year-Round Residence	Non-Participating	316038.02	324236.70	0:00	0	0:00	0
1751	Year-Round Residence	Non-Participating	316043.00	324292.09	0:00	0	0:00	0
1752	Year-Round Residence	Non-Participating	316139.25	324272.01	0:00	0	0:00	0
1753	Year-Round Residence	Non-Participating	316124.18	324229.69	0:00	0	0:00	0
1754	Year-Round Residence	Non-Participating	316187.32	324280.52	0:00	0	0:00	0
1755	Year-Round Residence	Non-Participating	316379.75	324191.19	0:00	0	0:00	0
1756	Year-Round Residence	Non-Participating	316467.11	323971.00	0:00	0	0:00	0
1757	Year-Round Residence	Non-Participating	316575.48	324073.23	0:00	0	0:00	0
1758	Year-Round Residence	Non-Participating	316481.54	324164.10	0:00	0	0:00	0
1759	Year-Round Residence	Non-Participating	316426.56	324236.13	0:00	0	0:00	0
1760	Year-Round Residence	Non-Participating	316521.21	324219.68	0:00	0	0:00	0
1761	Year-Round Residence	Non-Participating	316644.90	324125.81	0:00	0	0:00	0
1762	Year-Round Residence	Non-Participating	316695.66	324182.45	0:00	0	0:00	0
1763	Year-Round Residence	Non-Participating	316723.51	324188.42	0:00	0	0:00	0
1764	Year-Round Residence	Non-Participating	316735.46	324071.49	0:00	0	0:00	0
1765	Year-Round Residence	Non-Participating	316796.47	324237.77	0:00	0	0:00	0
1766	Year-Round Residence	Non-Participating	316802.81	324064.25	0:00	0	0:00	0
1767	Year-Round Residence	Non-Participating	316863.12	324051.23	0:00	0	0:00	0
1768	Year-Round Residence	Non-Participating	317068.03	324050.95	0:00	0	0:00	0
1769	Year-Round Residence	Non-Participating	317430.63	323823.33	0:00	0	0:00	0
1770	Year-Round Residence	Non-Participating	317481.48	323770.75	0:00	0	0:00	0
1771	Year-Round Residence	Non-Participating	317546.74	323741.33	0:00	0	0:00	0
1772	Year-Round Residence	Non-Participating	317423.91	323571.88	0:00	0	0:00	0
1773	Year-Round Residence	Non-Participating	317330.81	323415.30	0:00	0	0:00	0
1774	Year-Round Residence	Non-Participating	317452.97	323385.73	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1775	Year-Round Residence	Non-Participating	317498.61	323340.29	0:00	0	0:00	0
1776	Year-Round Residence	Non-Participating	317161.34	323168.95	0:00	0	0:00	0
1777	Year-Round Residence	Non-Participating	317050.07	322725.86	0:00	0	0:00	0
1778	Year-Round Residence	Non-Participating	317085.10	322808.85	0:00	0	0:00	0
1779	Year-Round Residence	Non-Participating	317705.39	322930.77	0:00	0	0:00	0
1780	Year-Round Residence	Non-Participating	317563.90	323943.84	0:00	0	0:00	0
1781	Year-Round Residence	Non-Participating	317636.47	324013.37	0:00	0	0:00	0
1782	Year-Round Residence	Non-Participating	317567.50	324213.55	0:00	0	0:00	0
1783	Year-Round Residence	Non-Participating	317491.75	324283.34	0:00	0	0:00	0
1784	Year-Round Residence	Non-Participating	317566.48	324309.98	0:00	0	0:00	0
1785	Year-Round Residence	Non-Participating	317615.75	324324.93	0:00	0	0:00	0
1786	Year-Round Residence	Non-Participating	317489.01	324433.14	0:00	0	0:00	0
1787	Year-Round Residence	Non-Participating	317580.75	324448.55	0:00	0	0:00	0
1788	Year-Round Residence	Non-Participating	317472.80	324504.39	0:00	0	0:00	0
1789	Year-Round Residence	Non-Participating	317435.62	324578.73	0:00	0	0:00	0
1790	Year-Round Residence	Non-Participating	317449.82	324652.68	0:00	0	0:00	0
1791	Year-Round Residence	Non-Participating	317220.56	324832.36	0:00	0	0:00	0
1792	Year-Round Residence	Non-Participating	317425.28	324868.07	0:00	0	0:00	0
1793	Year-Round Residence	Non-Participating	317494.76	324875.37	0:00	0	0:00	0
1794	Year-Round Residence	Non-Participating	317612.39	324867.71	0:00	0	0:00	0
1795	Year-Round Residence	Non-Participating	317751.18	324556.64	0:00	0	0:00	0
1796	Year-Round Residence	Non-Participating	317938.00	324557.86	0:00	0	0:00	0
1797	Year-Round Residence	Non-Participating	318102.24	324824.90	0:00	0	0:00	0
1799	Year-Round Residence	Non-Participating	318267.87	324872.93	0:00	0	0:00	0
1800	Year-Round Residence	Non-Participating	318275.94	324464.32	0:00	0	0:00	0
1801	Year-Round Residence	Non-Participating	318377.05	324160.62	0:00	0	0:00	0
1802	Year-Round Residence	Non-Participating	318371.58	323909.72	0:00	0	0:00	0
1803	Year-Round Residence	Non-Participating	318280.25	323845.92	0:00	0	0:00	0
1804	Year-Round Residence	Non-Participating	318267.28	325124.24	0:00	0	0:00	0
1805	Year-Round Residence	Non-Participating	318215.04	325331.36	0:00	0	0:00	0
1806	Year-Round Residence	Non-Participating	318176.05	325484.16	0:00	0	0:00	0
1807	Year-Round Residence	Non-Participating	318175.38	325566.65	0:00	0	0:00	0
1808	Year-Round Residence	Non-Participating	318167.38	325617.34	0:00	0	0:00	0
1809	Year-Round Residence	Non-Participating	317952.09	326188.63	101:46	57	31:42	1902
1810	Year-Round Residence	Non-Participating	317870.98	326376.84	138:19	60	38:57	2337
1811	Year-Round Residence	Non-Participating	318028.58	326513.05	73:52	46	17:48	1068
1812	Year-Round Residence	Non-Participating	317861.16	326565.00	143:52	54	32:09	1929
1813	Year-Round Residence	Non-Participating	317954.94	326603.29	104:15	48	21:07	1267
1814	Year-Round Residence	Non-Participating	317884.19	326712.01	94:10	49	20:21	1221
1815	Year-Round Residence	Non-Participating	317784.56	326706.62	109:36	56	25:57	1557
1816	Year-Round Residence	Non-Participating	317841.36	326803.41	57:23	50	14:06	846
1817	Year-Round Residence	Non-Participating	317775.27	326890.74	64:20	53	14:25	865

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1818	Year-Round Residence	Non-Participating	317538.98	326863.36	167:16	75	35:23	2123
1819	Year-Round Residence	Non-Participating	317637.37	326943.56	117:36	61	22:26	1346
1820	Year-Round Residence	Non-Participating	317691.66	327012.44	96:09	55	17:19	1039
1821	Year-Round Residence	Non-Participating	317665.11	327126.93	64:16	51	11:54	714
1822	Year-Round Residence	Non-Participating	317635.65	327185.22	41:47	41	8:25	505
1825	Year-Round Residence	Non-Participating	317579.77	327331.26	29:44	34	9:05	545
1826	Year-Round Residence	Non-Participating	317576.50	327491.43	46:47	33	13:44	824
1827	Year-Round Residence	Non-Participating	317636.48	327508.14	27:08	31	7:32	452
1828	Year-Round Residence	Non-Participating	317633.66	327536.18	50:13	38	14:48	888
1829	Year-Round Residence	Non-Participating	317585.61	327537.21	62:21	41	18:34	1114
1830	Year-Round Residence	Non-Participating	317523.96	327616.10	98:32	54	29:42	1782
1831	Year-Round Residence	Non-Participating	317300.80	327256.63	66:59	46	21:38	1298
1832	Year-Round Residence	Non-Participating	317203.09	327364.27	111:50	59	34:49	2089
1833	Year-Round Residence	Non-Participating	317149.87	327315.26	108:13	62	34:01	2041
1834	Year-Round Residence	Non-Participating	317079.85	327285.09	107:31	62	33:44	2024
1835	Year-Round Residence	Non-Participating	316840.21	327098.10	92:56	61	22:21	1341
1836	Year-Round Residence	Non-Participating	316933.82	327084.00	123:49	72	33:11	1991
1837	Year-Round Residence	Non-Participating	316884.39	327047.54	76:30	67	12:44	764
1838	Year-Round Residence	Non-Participating	316826.23	326999.13	103:53	67	18:06	1086
1840	Year-Round Residence	Non-Participating	316398.61	326657.22	57:21	46	15:06	906
1841	Year-Round Residence	Non-Participating	316265.84	326629.64	43:56	40	11:52	712
1842	Year-Round Residence	Non-Participating	316196.14	326473.24	40:54	38	11:56	716
1843	Year-Round Residence	Non-Participating	316135.62	326486.33	36:11	36	10:29	629
1844	Year-Round Residence	Non-Participating	316097.57	326466.61	34:06	34	9:54	594
1845	Year-Round Residence	Non-Participating	316869.29	327483.59	183:57	84	45:58	2758
1846	Year-Round Residence	Non-Participating	316867.91	327577.62	227:38	78	51:21	3081
1847	Year-Round Residence	Non-Participating	316729.64	327608.64	224:18	94	49:52	2992
1848	Year-Round Residence	Non-Participating	316860.53	327661.08	164:31	73	35:03	2103
1849	Year-Round Residence	Non-Participating	316800.48	327847.08	42:48	50	12:48	768
1850	Year-Round Residence	Non-Participating	316720.79	327878.23	52:21	56	15:17	917
1851	Year-Round Residence	Non-Participating	316725.04	327941.87	48:58	54	13:10	790
1852	Year-Round Residence	Non-Participating	316797.72	327929.84	40:31	49	11:10	670
1853	Year-Round Residence	Non-Participating	316791.30	328033.28	39:04	48	9:43	583
1855	Year-Round Residence	Non-Participating	316793.25	328400.12	65:38	42	11:51	711
1856	Year-Round Residence	Non-Participating	316791.15	328458.33	54:54	41	9:57	597
1857	Year-Round Residence	Non-Participating	316791.53	328497.47	45:41	40	8:23	503
1858	Year-Round Residence	Non-Participating	316936.56	328566.79	72:26	35	17:29	1049
1859	Year-Round Residence	Non-Participating	316784.42	328783.87	21:22	25	6:23	383
1860	Year-Round Residence	Non-Participating	316985.76	329043.34	25:42	28	7:18	438
1861	Year-Round Residence	Non-Participating	316964.17	329117.95	24:37	28	6:48	408
1862	Year-Round Residence	Non-Participating	317027.80	329217.38	26:48	29	7:08	428
1863	Year-Round Residence	Non-Participating	317121.04	329124.55	31:25	32	8:43	523

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1864	Year-Round Residence	Non-Participating	317119.50	329207.05	30:56	31	8:12	492
1865	Year-Round Residence	Non-Participating	317149.31	329146.05	32:36	32	8:58	538
1866	Year-Round Residence	Non-Participating	317277.95	329358.71	43:34	36	9:53	593
1867	Year-Round Residence	Non-Participating	317297.54	329233.89	43:16	37	10:56	656
1868	Year-Round Residence	Non-Participating	317365.64	329241.46	50:17	40	12:27	747
1870	Year-Round Residence	Non-Participating	317528.33	329143.42	85:36	48	21:56	1316
1871	Year-Round Residence	Non-Participating	317729.48	328627.04	90:27	70	26:34	1594
1872	Year-Round Residence	Non-Participating	317663.68	327687.36	107:52	64	32:52	1972
1874	Year-Round Residence	Non-Participating	317795.94	327720.97	111:04	65	34:16	2056
1876	Year-Round Residence	Non-Participating	317788.11	327773.05	138:59	70	42:42	2562
1877	Year-Round Residence	Non-Participating	317873.20	327868.11	150:02	68	46:25	2785
1878	Year-Round Residence	Non-Participating	317875.16	327765.14	137:58	80	42:48	2568
1880	Year-Round Residence	Non-Participating	318181.54	329665.21	77:52	91	12:16	736
1881	Year-Round Residence	Non-Participating	318246.14	329677.09	68:58	90	10:44	644
1882	Year-Round Residence	Non-Participating	318341.11	329689.11	56:40	86	8:28	508
1883	Year-Round Residence	Non-Participating	318451.05	329711.83	43:39	68	6:20	380
1884	Year-Round Residence	Non-Participating	318947.05	329703.38	39:24	43	7:13	433
1885	Year-Round Residence	Non-Participating	319021.18	329701.88	32:00	40	6:08	368
1886	Year-Round Residence	Non-Participating	319089.32	329472.21	63:41	41	12:21	741
1887	Year-Round Residence	Non-Participating	319497.08	329612.15	33:49	28	6:29	389
1888	Year-Round Residence	Non-Participating	319629.55	329510.39	58:50	45	10:02	602
1889	Year-Round Residence	Non-Participating	319725.06	329477.24	64:03	48	10:43	643
1890	Year-Round Residence	Non-Participating	319926.16	329496.33	50:03	40	8:00	480
1891	Year-Round Residence	Non-Participating	320012.36	329120.81	45:56	43	10:17	617
1892	Year-Round Residence	Non-Participating	320033.24	328805.43	56:52	45	15:54	954
1893	Year-Round Residence	Non-Participating	320024.26	328665.82	104:03	46	27:55	1675
1894	Year-Round Residence	Non-Participating	320027.37	328482.27	93:38	41	22:35	1355
1895	Year-Round Residence	Non-Participating	319948.26	328511.28	94:49	42	22:12	1332
1896	Year-Round Residence	Non-Participating	319856.01	328167.37	79:23	51	19:38	1178
1897	Year-Round Residence	Non-Participating	319792.29	328291.44	123:41	52	26:12	1572
1898	Year-Round Residence	Non-Participating	319929.38	328013.01	71:20	59	20:12	1212
1899	Year-Round Residence	Non-Participating	320033.46	327691.83	63:51	45	20:57	1257
1901	Year-Round Residence	Non-Participating	319781.73	327276.44	59:35	49	13:56	836
1902	Year-Round Residence	Non-Participating	319178.04	327068.60	13:23	29	3:17	197
1903	Year-Round Residence	Non-Participating	318390.70	327291.22	11:55	24	2:01	121
1904	Year-Round Residence	Non-Participating	318411.16	327046.82	22:34	24	3:57	237
1905	Year-Round Residence	Non-Participating	318337.74	327121.60	12:28	27	2:28	148
1906	Year-Round Residence	Non-Participating	318198.61	327257.05	42:44	31	9:41	581
1907	Year-Round Residence	Non-Participating	318148.59	327089.71	20:26	34	3:48	228
1908	Year-Round Residence	Non-Participating	317946.93	327044.15	44:52	41	8:57	537
1909	Year-Round Residence	Non-Participating	317946.40	327282.03	72:15	37	17:08	1028
1910	Year-Round Residence	Non-Participating	317869.78	327340.63	41:08	28	10:17	617



Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1911	Year-Round Residence	Non-Participating	317799.76	327315.89	38:29	27	9:48	588
1912	Year-Round Residence	Non-Participating	317869.60	327226.91	77:32	41	17:48	1068
1913	Year-Round Residence	Non-Participating	317829.82	327219.15	75:28	42	17:17	1037
1914	Year-Round Residence	Non-Participating	317756.82	327231.65	39:50	39	7:30	450
1915	Year-Round Residence	Non-Participating	317743.67	327305.40	33:13	28	9:00	540
1916	Year-Round Residence	Non-Participating	317683.63	327237.29	30:16	32	6:20	380
1917	Year-Round Residence	Non-Participating	317707.23	327306.74	13:04	30	3:46	226
1918	Year-Round Residence	Non-Participating	320124.53	329458.58	23:57	34	4:25	265
1919	Year-Round Residence	Non-Participating	320852.22	329384.76	0:00	0	0:00	0
1920	Year-Round Residence	Non-Participating	321019.26	329364.73	0:00	0	0:00	0
1921	Year-Round Residence	Non-Participating	320693.38	329797.81	0:00	0	0:00	0
1922	Year-Round Residence	Non-Participating	320840.02	330064.80	0:00	0	0:00	0
1925	Year-Round Residence	Non-Participating	320502.63	330995.88	0:00	0	0:00	0
1926	Year-Round Residence	Non-Participating	320494.89	331070.28	0:00	0	0:00	0
1927	Year-Round Residence	Non-Participating	320546.04	331069.27	0:00	0	0:00	0
1928	Year-Round Residence	Non-Participating	320656.68	331134.13	0:00	0	0:00	0
1929	Year-Round Residence	Non-Participating	320751.78	331120.19	0:00	0	0:00	0
1930	Year-Round Residence	Non-Participating	320742.55	331178.41	0:00	0	0:00	0
1931	Year-Round Residence	Non-Participating	320738.64	331254.87	0:00	0	0:00	0
1932	Year-Round Residence	Non-Participating	320557.17	331310.52	0:00	0	0:00	0
1933	Year-Round Residence	Non-Participating	320622.74	331391.87	0:00	0	0:00	0
1934	Year-Round Residence	Non-Participating	320505.64	331353.62	0:00	0	0:00	0
1935	Year-Round Residence	Non-Participating	320246.45	331424.44	0:00	0	0:00	0
1936	Year-Round Residence	Non-Participating	320299.96	331389.93	0:00	0	0:00	0
1937	Year-Round Residence	Non-Participating	320362.01	331252.76	0:00	0	0:00	0
1938	Year-Round Residence	Non-Participating	320389.31	331187.74	0:00	0	0:00	0
1939	Year-Round Residence	Non-Participating	320409.70	331132.71	0:00	0	0:00	0
1940	Year-Round Residence	Non-Participating	320100.52	331425.22	0:00	0	0:00	0
1941	Year-Round Residence	Non-Participating	319967.59	331517.94	0:00	0	0:00	0
1942	Year-Round Residence	Non-Participating	319870.45	331486.22	0:00	0	0:00	0
1943	Year-Round Residence	Non-Participating	318954.49	330094.34	15:59	29	2:14	134
1944	Year-Round Residence	Non-Participating	319771.45	331408.73	0:00	0	0:00	0
1945	Year-Round Residence	Non-Participating	319777.39	331483.12	0:00	0	0:00	0
1946	Year-Round Residence	Non-Participating	319627.52	331504.82	0:00	0	0:00	0
1947	Year-Round Residence	Non-Participating	319467.80	331448.89	0:00	0	0:00	0
1948	Year-Round Residence	Non-Participating	319223.49	331298.24	0:00	0	0:00	0
1949	Year-Round Residence	Non-Participating	319301.31	331553.68	0:00	0	0:00	0
1950	Year-Round Residence	Non-Participating	319124.00	331598.92	0:00	0	0:00	0
1952	Year-Round Residence	Non-Participating	320322.13	331755.08	0:00	0	0:00	0
1953	Year-Round Residence	Non-Participating	320234.27	331758.22	0:00	0	0:00	0
1954	Year-Round Residence	Non-Participating	320290.86	331793.82	0:00	0	0:00	0
1955	Year-Round Residence	Non-Participating	320260.54	331835.74	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1956	Year-Round Residence	Non-Participating	320182.78	332025.79	0:00	0	0:00	0
1957	Year-Round Residence	Non-Participating	320087.46	331982.84	0:00	0	0:00	0
1958	Year-Round Residence	Non-Participating	319939.94	332260.59	0:00	0	0:00	0
1959	Year-Round Residence	Non-Participating	319955.83	332445.74	0:00	0	0:00	0
1960	Year-Round Residence	Non-Participating	319943.67	332519.92	0:00	0	0:00	0
1961	Year-Round Residence	Non-Participating	319917.99	332725.64	0:00	0	0:00	0
1962	Year-Round Residence	Non-Participating	319680.28	332955.45	0:00	0	0:00	0
1963	Year-Round Residence	Non-Participating	319808.54	333039.04	0:00	0	0:00	0
1964	Year-Round Residence	Non-Participating	319754.04	333233.44	0:00	0	0:00	0
1965	Year-Round Residence	Non-Participating	321044.74	331018.96	0:00	0	0:00	0
1966	Year-Round Residence	Non-Participating	321110.27	330698.26	0:00	0	0:00	0
1967	Year-Round Residence	Non-Participating	321062.15	329291.96	0:00	0	0:00	0
1968	Year-Round Residence	Non-Participating	321604.79	329490.49	0:00	0	0:00	0
1969	Year-Round Residence	Non-Participating	321991.65	329235.55	0:00	0	0:00	0
1970	Year-Round Residence	Non-Participating	322095.64	329270.80	0:00	0	0:00	0
1971	Year-Round Residence	Non-Participating	322345.93	329324.04	0:00	0	0:00	0
1973	Year-Round Residence	Non-Participating	323140.55	329331.31	0:00	0	0:00	0
1974	Year-Round Residence	Non-Participating	322337.86	330609.00	0:00	0	0:00	0
1975	Year-Round Residence	Non-Participating	322438.15	330529.46	0:00	0	0:00	0
1976	Year-Round Residence	Non-Participating	322830.42	330295.43	0:00	0	0:00	0
1977	Year-Round Residence	Non-Participating	322911.46	330240.03	0:00	0	0:00	0
1978	Year-Round Residence	Non-Participating	322402.91	331347.48	0:00	0	0:00	0
1979	Year-Round Residence	Non-Participating	322646.48	330806.88	0:00	0	0:00	0
1980	Year-Round Residence	Non-Participating	322971.22	330121.00	0:00	0	0:00	0
1981	Year-Round Residence	Non-Participating	322990.60	330073.44	0:00	0	0:00	0
1982	Year-Round Residence	Non-Participating	323046.33	330107.88	0:00	0	0:00	0
1983	Year-Round Residence	Non-Participating	323013.22	330038.99	0:00	0	0:00	0
1984	Year-Round Residence	Non-Participating	323089.43	330007.66	0:00	0	0:00	0
1985	Year-Round Residence	Non-Participating	323038.98	329893.28	0:00	0	0:00	0
1986	Year-Round Residence	Non-Participating	323048.63	329831.63	0:00	0	0:00	0
1988	Year-Round Residence	Non-Participating	323044.55	329788.37	0:00	0	0:00	0
1989	Year-Round Residence	Non-Participating	323098.51	329777.92	0:00	0	0:00	0
1990	Year-Round Residence	Non-Participating	323098.81	329800.61	0:00	0	0:00	0
1991	Year-Round Residence	Non-Participating	323098.93	329757.70	0:00	0	0:00	0
1992	Year-Round Residence	Non-Participating	323098.62	329734.54	0:00	0	0:00	0
1993	Year-Round Residence	Non-Participating	323057.16	329698.73	0:00	0	0:00	0
1994	Year-Round Residence	Non-Participating	323097.45	329706.61	0:00	0	0:00	0
1995	Year-Round Residence	Non-Participating	323061.52	329676.64	0:00	0	0:00	0
1996	Year-Round Residence	Non-Participating	323001.07	329692.19	0:00	0	0:00	0
1997	Year-Round Residence	Non-Participating	323168.84	329641.36	0:00	0	0:00	0
1998	Year-Round Residence	Non-Participating	323204.77	329680.98	0:00	0	0:00	0
1999	Year-Round Residence	Non-Participating	323285.01	329649.34	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2000	Year-Round Residence	Non-Participating	323343.99	329646.16	0:00	0	0:00	0
2001	Year-Round Residence	Non-Participating	323446.26	329798.06	0:00	0	0:00	0
2002	Year-Round Residence	Non-Participating	323436.28	329699.95	0:00	0	0:00	0
2003	Year-Round Residence	Non-Participating	323520.97	329667.54	0:00	0	0:00	0
2004	Year-Round Residence	Non-Participating	323551.24	329660.41	0:00	0	0:00	0
2005	Year-Round Residence	Non-Participating	323552.56	329729.38	0:00	0	0:00	0
2006	Year-Round Residence	Non-Participating	323661.47	329732.64	0:00	0	0:00	0
2007	Year-Round Residence	Non-Participating	323541.12	329747.38	0:00	0	0:00	0
2008	Year-Round Residence	Non-Participating	323502.81	329730.28	0:00	0	0:00	0
2009	Year-Round Residence	Non-Participating	323489.94	329752.11	0:00	0	0:00	0
2010	Year-Round Residence	Non-Participating	323478.29	329763.67	0:00	0	0:00	0
2011	Year-Round Residence	Non-Participating	323521.54	329793.36	0:00	0	0:00	0
2012	Year-Round Residence	Non-Participating	323480.35	329837.11	0:00	0	0:00	0
2013	Year-Round Residence	Non-Participating	323429.46	329815.68	0:00	0	0:00	0
2014	Year-Round Residence	Non-Participating	323471.50	329852.79	0:00	0	0:00	0
2015	Year-Round Residence	Non-Participating	323455.62	329869.03	0:00	0	0:00	0
2016	Year-Round Residence	Non-Participating	323388.92	329877.26	0:00	0	0:00	0
2018	Year-Round Residence	Non-Participating	323327.39	329873.39	0:00	0	0:00	0
2019	Year-Round Residence	Non-Participating	323305.54	329869.32	0:00	0	0:00	0
2020	Year-Round Residence	Non-Participating	323271.91	329862.88	0:00	0	0:00	0
2021	Year-Round Residence	Non-Participating	323235.82	329860.65	0:00	0	0:00	0
2022	Year-Round Residence	Non-Participating	323212.27	329863.13	0:00	0	0:00	0
2023	Year-Round Residence	Non-Participating	323188.25	329861.84	0:00	0	0:00	0
2024	Year-Round Residence	Non-Participating	323169.33	329859.30	0:00	0	0:00	0
2026	Year-Round Residence	Non-Participating	323129.00	329851.50	0:00	0	0:00	0
2027	Year-Round Residence	Non-Participating	323195.85	330142.86	0:00	0	0:00	0
2028	Year-Round Residence	Non-Participating	323192.23	329944.48	0:00	0	0:00	0
2029	Year-Round Residence	Non-Participating	323250.42	329945.42	0:00	0	0:00	0
2030	Year-Round Residence	Non-Participating	323361.84	329958.33	0:00	0	0:00	0
2031	Year-Round Residence	Non-Participating	323377.10	329960.54	0:00	0	0:00	0
2032	Year-Round Residence	Non-Participating	323423.11	329981.99	0:00	0	0:00	0
2033	Year-Round Residence	Non-Participating	323450.27	329972.73	0:00	0	0:00	0
2034	Year-Round Residence	Non-Participating	323448.22	330009.65	0:00	0	0:00	0
2036	Year-Round Residence	Non-Participating	323461.82	330091.10	0:00	0	0:00	0
2037	Year-Round Residence	Non-Participating	323514.46	330105.31	0:00	0	0:00	0
2038	Year-Round Residence	Non-Participating	323840.31	330051.41	0:00	0	0:00	0
2039	Year-Round Residence	Non-Participating	323976.39	329712.62	0:00	0	0:00	0
2040	Year-Round Residence	Non-Participating	324094.69	329705.97	0:00	0	0:00	0
2041	Year-Round Residence	Non-Participating	324508.72	329582.97	0:00	0	0:00	0
2042	Year-Round Residence	Non-Participating	325662.81	328685.59	0:00	0	0:00	0
2043	Year-Round Residence	Non-Participating	325637.47	328582.74	0:00	0	0:00	0
2044	Year-Round Residence	Non-Participating	323606.55	329565.65	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2045	Year-Round Residence	Non-Participating	323750.82	329486.04	0:00	0	0:00	0
2046	Year-Round Residence	Non-Participating	323785.51	329427.18	0:00	0	0:00	0
2047	Year-Round Residence	Non-Participating	323726.91	329400.83	0:00	0	0:00	0
2048	Year-Round Residence	Non-Participating	323854.12	329321.57	0:00	0	0:00	0
2049	Year-Round Residence	Non-Participating	323930.17	329231.44	0:00	0	0:00	0
2050	Year-Round Residence	Non-Participating	324042.19	328949.93	0:00	0	0:00	0
2051	Year-Round Residence	Non-Participating	324169.58	328941.98	0:00	0	0:00	0
2052	Year-Round Residence	Non-Participating	324146.40	328860.65	0:00	0	0:00	0
2053	Year-Round Residence	Non-Participating	324682.51	328443.76	0:00	0	0:00	0
2054	Year-Round Residence	Non-Participating	324061.24	328138.99	0:00	0	0:00	0
2055	Year-Round Residence	Non-Participating	323948.76	328147.07	0:00	0	0:00	0
2056	Year-Round Residence	Non-Participating	323899.57	328071.17	0:00	0	0:00	0
2057	Year-Round Residence	Non-Participating	323839.41	328147.27	0:00	0	0:00	0
2058	Year-Round Residence	Non-Participating	323658.96	328113.73	0:00	0	0:00	0
2059	Year-Round Residence	Non-Participating	323694.86	328049.76	0:00	0	0:00	0
2060	Year-Round Residence	Non-Participating	323584.06	327984.86	0:00	0	0:00	0
2061	Year-Round Residence	Non-Participating	323457.51	328049.05	0:00	0	0:00	0
2062	Year-Round Residence	Non-Participating	323401.85	328034.31	0:00	0	0:00	0
2063	Year-Round Residence	Non-Participating	323383.12	328259.19	0:00	0	0:00	0
2064	Year-Round Residence	Non-Participating	323407.67	328178.71	0:00	0	0:00	0
2065	Year-Round Residence	Non-Participating	323334.22	328172.95	0:00	0	0:00	0
2066	Year-Round Residence	Non-Participating	323255.59	328317.30	0:00	0	0:00	0
2067	Year-Round Residence	Non-Participating	323367.72	328105.58	0:00	0	0:00	0
2068	Year-Round Residence	Non-Participating	323348.86	328314.75	0:00	0	0:00	0
2069	Year-Round Residence	Non-Participating	323365.81	328452.78	0:00	0	0:00	0
2071	Year-Round Residence	Non-Participating	323074.41	328800.53	0:00	0	0:00	0
2072	Year-Round Residence	Non-Participating	323018.19	329333.57	0:00	0	0:00	0
2073	Year-Round Residence	Non-Participating	323126.84	328452.34	0:00	0	0:00	0
2074	Year-Round Residence	Non-Participating	323083.97	328367.94	0:00	0	0:00	0
2075	Year-Round Residence	Non-Participating	322991.47	328245.18	0:00	0	0:00	0
2076	Year-Round Residence	Non-Participating	322768.02	328103.89	0:00	0	0:00	0
2077	Year-Round Residence	Non-Participating	322467.02	327568.43	13:03	25	2:03	123
2078	Year-Round Residence	Non-Participating	322707.64	327206.33	116:08	86	19:39	1179
2079	Year-Round Residence	Non-Participating	322777.42	327105.61	113:37	90	21:11	1271
2080	Year-Round Residence	Non-Participating	322496.52	327052.38	110:24	67	19:37	1177
2081	Year-Round Residence	Non-Participating	322573.49	326898.05	84:13	91	19:49	1189
2082	Year-Round Residence	Non-Participating	322567.06	326840.98	84:59	94	21:12	1272
2084	Year-Round Residence	Non-Participating	322592.59	326689.96	136:59	101	32:57	1977
2085	Year-Round Residence	Non-Participating	322612.52	326636.84	163:47	102	39:09	2349
2087	Year-Round Residence	Non-Participating	320969.30	328928.06	0:00	0	0:00	0
2088	Year-Round Residence	Non-Participating	320913.27	328673.84	0:00	0	0:00	0
2089	Year-Round Residence	Non-Participating	320917.43	328713.54	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2090	Year-Round Residence	Non-Participating	321018.22	328480.66	0:00	0	0:00	0
2091	Year-Round Residence	Non-Participating	320734.52	328209.08	8:55	23	2:14	134
2092	Year-Round Residence	Non-Participating	320863.84	327734.75	0:00	0	0:00	0
2093	Year-Round Residence	Non-Participating	320865.80	327648.28	6:58	26	1:00	60
2094	Year-Round Residence	Non-Participating	320911.57	327443.86	80:54	68	13:02	782
2095	Year-Round Residence	Non-Participating	321231.57	327396.28	44:41	34	7:56	476
2096	Year-Round Residence	Non-Participating	321281.06	327432.34	29:33	30	5:12	312
2097	Year-Round Residence	Non-Participating	321305.49	327439.75	24:34	29	4:22	262
2098	Year-Round Residence	Non-Participating	321472.45	327560.64	13:38	26	2:25	145
2099	Year-Round Residence	Non-Participating	321845.99	327638.43	0:00	0	0:00	0
2100	Year-Round Residence	Non-Participating	321663.33	327576.76	0:00	0	0:00	0
2101	Year-Round Residence	Non-Participating	321949.54	327582.40	0:00	0	0:00	0
2103	Year-Round Residence	Non-Participating	321101.11	327013.69	92:04	39	19:48	1188
2105	Year-Round Residence	Non-Participating	321022.08	326632.06	104:07	49	30:23	1823
2106	Year-Round Residence	Non-Participating	321088.81	326528.24	122:06	47	37:27	2247
2108	Year-Round Residence	Non-Participating	321029.12	326173.07	74:13	58	22:52	1372
2109	Year-Round Residence	Non-Participating	321023.32	326056.07	43:55	59	13:39	819
2110	Year-Round Residence	Non-Participating	321235.28	325875.73	54:37	60	17:15	1035
2111	Year-Round Residence	Non-Participating	320566.39	326039.10	80:20	68	25:43	1543
2112	Year-Round Residence	Non-Participating	320670.77	325947.15	87:56	55	28:25	1705
2113	Year-Round Residence	Non-Participating	320801.03	326107.49	74:50	45	23:29	1409
2114	Year-Round Residence	Non-Participating	320855.37	326109.39	74:37	50	23:23	1403
2116	Year-Round Residence	Non-Participating	321181.58	325502.12	16:40	25	5:41	341
2117	Year-Round Residence	Non-Participating	321494.75	325447.42	0:00	0	0:00	0
2118	Year-Round Residence	Non-Participating	322261.33	325265.68	0:00	0	0:00	0
2119	Year-Round Residence	Non-Participating	320754.16	325409.48	50:33	27	12:05	725
2120	Year-Round Residence	Non-Participating	320611.79	325266.40	13:48	26	2:35	155
2121	Year-Round Residence	Non-Participating	320235.73	325197.65	0:00	0	0:00	0
2122	Year-Round Residence	Non-Participating	320001.27	325159.85	0:00	0	0:00	0
2124	Year-Round Residence	Non-Participating	319855.37	324982.19	0:00	0	0:00	0
2125	Year-Round Residence	Non-Participating	319793.27	325065.57	0:00	0	0:00	0
2126	Year-Round Residence	Non-Participating	319599.34	324648.18	0:00	0	0:00	0
2127	Year-Round Residence	Non-Participating	319354.71	325044.13	0:00	0	0:00	0
2128	Year-Round Residence	Non-Participating	319139.67	325009.96	0:00	0	0:00	0
2129	Year-Round Residence	Non-Participating	319033.08	325020.70	0:00	0	0:00	0
2130	Year-Round Residence	Non-Participating	318739.64	325178.02	0:00	0	0:00	0
2131	Year-Round Residence	Non-Participating	318427.18	323649.23	0:00	0	0:00	0
2132	Year-Round Residence	Non-Participating	318538.37	323819.18	0:00	0	0:00	0
2133	Year-Round Residence	Non-Participating	319953.76	323718.65	0:00	0	0:00	0
2134	Year-Round Residence	Non-Participating	320119.88	323794.81	0:00	0	0:00	0
2135	Year-Round Residence	Non-Participating	320487.89	323811.67	0:00	0	0:00	0
2136	Year-Round Residence	Non-Participating	320499.59	323707.41	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2137	Year-Round Residence	Non-Participating	320588.73	323829.73	18:35	25	5:50	350
2138	Year-Round Residence	Non-Participating	320634.31	323597.91	0:00	0	0:00	0
2139	Year-Round Residence	Non-Participating	320652.32	323847.65	16:46	24	5:15	315
2140	Year-Round Residence	Non-Participating	320714.19	323721.22	0:00	0	0:00	0
2141	Year-Round Residence	Non-Participating	320807.77	323957.87	24:59	31	7:52	472
2142	Year-Round Residence	Non-Participating	320951.10	323740.62	0:00	0	0:00	0
2143	Year-Round Residence	Non-Participating	321128.20	323846.61	0:00	0	0:00	0
2144	Year-Round Residence	Non-Participating	321236.64	323755.62	0:00	0	0:00	0
2147	Year-Round Residence	Non-Participating	321244.65	324691.59	45:13	52	12:43	763
2148	Year-Round Residence	Non-Participating	321289.82	324758.55	48:34	54	13:06	786
2149	Year-Round Residence	Non-Participating	321216.36	325253.60	35:50	40	5:59	359
2150	Year-Round Residence	Non-Participating	318961.48	322595.58	0:00	0	0:00	0
2151	Year-Round Residence	Non-Participating	319107.37	322596.03	0:00	0	0:00	0
2152	Year-Round Residence	Non-Participating	319131.72	322744.88	0:00	0	0:00	0
2153	Year-Round Residence	Non-Participating	319431.50	322697.62	0:00	0	0:00	0
2154	Year-Round Residence	Non-Participating	319500.43	322629.84	0:00	0	0:00	0
2155	Year-Round Residence	Non-Participating	319492.20	322508.22	0:00	0	0:00	0
2156	Year-Round Residence	Non-Participating	319675.98	322626.26	0:00	0	0:00	0
2157	Year-Round Residence	Non-Participating	319723.26	322575.18	0:00	0	0:00	0
2158	Year-Round Residence	Non-Participating	319862.71	322633.13	0:00	0	0:00	0
2159	Year-Round Residence	Non-Participating	320013.02	322705.20	0:00	0	0:00	0
2160	Year-Round Residence	Non-Participating	320133.34	322561.27	0:00	0	0:00	0
2161	Year-Round Residence	Non-Participating	320108.93	322456.92	0:00	0	0:00	0
2162	Year-Round Residence	Non-Participating	320278.12	322230.53	0:00	0	0:00	0
2163	Year-Round Residence	Non-Participating	320072.06	322107.50	0:00	0	0:00	0
2164	Year-Round Residence	Non-Participating	320128.77	321873.81	0:00	0	0:00	0
2165	Year-Round Residence	Non-Participating	320198.12	321872.89	0:00	0	0:00	0
2166	Year-Round Residence	Non-Participating	320646.36	322406.37	0:00	0	0:00	0
2167	Year-Round Residence	Non-Participating	320688.55	322405.73	0:00	0	0:00	0
2168	Year-Round Residence	Non-Participating	320865.18	322476.96	0:00	0	0:00	0
2169	Year-Round Residence	Non-Participating	320871.34	322333.98	0:00	0	0:00	0
2170	Year-Round Residence	Non-Participating	321008.19	322520.21	0:00	0	0:00	0
2171	Year-Round Residence	Non-Participating	321036.45	322623.33	0:00	0	0:00	0
2172	Year-Round Residence	Non-Participating	321196.77	322674.85	0:00	0	0:00	0
2173	Year-Round Residence	Non-Participating	321332.24	323205.30	0:00	0	0:00	0
2174	Year-Round Residence	Non-Participating	321273.03	323611.33	0:00	0	0:00	0
2175	Year-Round Residence	Non-Participating	321330.49	323663.55	0:00	0	0:00	0
2176	Year-Round Residence	Non-Participating	321266.37	323695.12	0:00	0	0:00	0
2177	Year-Round Residence	Non-Participating	321332.01	323690.66	0:00	0	0:00	0
2178	Year-Round Residence	Non-Participating	321326.62	323721.44	0:00	0	0:00	0
2179	Year-Round Residence	Non-Participating	321331.28	323755.26	0:00	0	0:00	0
2180	Year-Round Residence	Non-Participating	321392.43	323805.81	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2181	Year-Round Residence	Non-Participating	321457.24	323895.86	0:00	0	0:00	0
2182	Year-Round Residence	Non-Participating	321481.47	323815.21	0:00	0	0:00	0
2183	Year-Round Residence	Non-Participating	321550.16	323819.68	0:00	0	0:00	0
2184	Year-Round Residence	Non-Participating	321797.10	323858.39	6:50	21	1:56	116
2185	Year-Round Residence	Non-Participating	322317.09	323793.43	20:14	37	5:51	351
2186	Year-Round Residence	Non-Participating	322299.17	323692.72	19:44	36	5:57	357
2187	Year-Round Residence	Non-Participating	322289.02	323632.63	19:21	35	5:57	357
2188	Year-Round Residence	Non-Participating	322498.93	323685.05	37:17	48	11:29	689
2190	Year-Round Residence	Non-Participating	322237.95	323370.69	25:53	33	8:13	493
2191	Year-Round Residence	Non-Participating	322306.56	322793.17	0:00	0	0:00	0
2192	Year-Round Residence	Non-Participating	321645.38	322762.48	0:00	0	0:00	0
2193	Year-Round Residence	Non-Participating	321506.29	322752.90	0:00	0	0:00	0
2194	Year-Round Residence	Non-Participating	321399.49	322715.29	0:00	0	0:00	0
2195	Year-Round Residence	Non-Participating	321428.38	322675.44	0:00	0	0:00	0
2196	Year-Round Residence	Non-Participating	322414.03	321457.55	0:00	0	0:00	0
2197	Year-Round Residence	Non-Participating	322337.39	321291.48	0:00	0	0:00	0
2198	Year-Round Residence	Non-Participating	322350.12	321149.07	0:00	0	0:00	0
2199	Year-Round Residence	Non-Participating	322375.72	320848.19	0:00	0	0:00	0
2200	Year-Round Residence	Non-Participating	322499.02	320616.23	0:00	0	0:00	0
2201	Year-Round Residence	Non-Participating	322801.07	320586.67	0:00	0	0:00	0
2202	Year-Round Residence	Non-Participating	323045.34	320704.79	0:00	0	0:00	0
2203	Year-Round Residence	Non-Participating	323233.08	320282.05	0:00	0	0:00	0
2204	Year-Round Residence	Non-Participating	323624.44	320853.85	0:00	0	0:00	0
2210	Year-Round Residence	Non-Participating	322830.49	320670.86	0:00	0	0:00	0
2272	Year-Round Residence	Non-Participating	322393.92	321271.49	0:00	0	0:00	0
2273	Seasonal Residence	Non-Participating	323228.81	320305.64	0:00	0	0:00	0
2278	Year-Round Residence	Non-Participating	322400.69	321167.43	0:00	0	0:00	0
2282	Year-Round Residence	Non-Participating	315427.17	323244.21	0:00	0	0:00	0
2285	Year-Round Residence	Non-Participating	321281.75	323344.86	0:00	0	0:00	0
2288	Year-Round Residence	Non-Participating	317714.28	323769.99	0:00	0	0:00	0
2289	Year-Round Residence	Non-Participating	315802.63	325088.17	0:00	0	0:00	0
2290	Year-Round Residence	Non-Participating	316680.98	324109.55	0:00	0	0:00	0
2294	Year-Round Residence	Non-Participating	320793.90	328512.24	0:00	0	0:00	0
2295	Year-Round Residence	Non-Participating	319964.32	329432.95	35:33	40	6:13	373
2296	Year-Round Residence	Non-Participating	320015.01	329237.79	47:14	41	9:38	578
2297	Year-Round Residence	Non-Participating	319023.18	326977.46	7:53	21	2:00	120
2298	Year-Round Residence	Non-Participating	323840.75	329758.79	0:00	0	0:00	0
2300	Year-Round Residence	Non-Participating	314994.79	328708.63	27:35	28	4:39	279
2301	Year-Round Residence	Non-Participating	319061.13	333208.12	0:00	0	0:00	0
2302	Year-Round Residence	Non-Participating	317634.41	333444.75	0:00	0	0:00	0
2304	Year-Round Residence	Non-Participating	316723.50	330023.82	0:00	0	0:00	0
2306	Year-Round Residence	Non-Participating	313880.70	327015.38	0:00	0	0:00	0

Table B-3.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2307	Year-Round Residence	Non-Participating	315008.18	329053.93	0:00	0	0:00	0
2308	Year-Round Residence	Non-Participating	315007.78	330770.16	0:00	0	0:00	0
2310	Year-Round Residence	Non-Participating	313500.02	328731.95	0:00	0	0:00	0
2311	Year-Round Residence	Non-Participating	315619.09	332050.39	0:00	0	0:00	0
2312	Year-Round Residence	Non-Participating	317322.62	327370.68	77:55	44	23:56	1436
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0
2325	Year-Round Residence	Non-Participating	315598.28	326588.23	9:06	23	2:39	159
2326	Year-Round Residence	Non-Participating	315628.98	326631.08	9:17	24	2:40	160
2327	Year-Round Residence	Non-Participating	315708.22	326612.24	10:20	25	3:00	180
2333	Year-Round Residence	Non-Participating	320170.47	329386.57	20:59	34	4:24	264
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Residential Receptors								
<b>1173</b>	<b>Year-Round Residence</b>	<b>Non-Participating</b>	<b>326836.02</b>	<b>324708.98</b>	<b>242:57</b>	<b>92</b>	<b>61:28</b>	<b>3688</b>
<b>1</b>	<b>Year-Round Residence</b>	<b>Non-Participating</b>	<b>325840.23</b>	<b>321460.84</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>



Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	242:57	92	61:28	3688
1846	Year-Round Residence	Non-Participating	316867.91	327577.62	227:38	78	51:21	3081
1847	Year-Round Residence	Non-Participating	316729.64	327608.64	224:18	94	49:52	2992
699	Year-Round Residence	Non-Participating	324594.92	324913.88	195:28	80	47:34	2854
1877	Year-Round Residence	Non-Participating	317873.20	327868.11	150:02	68	46:25	2785
1845	Year-Round Residence	Non-Participating	316869.29	327483.59	183:57	84	45:58	2758
1878	Year-Round Residence	Non-Participating	317875.16	327765.14	137:58	80	42:48	2568
1876	Year-Round Residence	Non-Participating	317788.11	327773.05	138:59	70	42:42	2562
2085	Year-Round Residence	Non-Participating	322612.52	326636.84	163:47	102	39:09	2349
1810	Year-Round Residence	Non-Participating	317870.98	326376.84	138:19	60	38:57	2337
454	Year-Round Residence	Non-Participating	322770.63	323572.25	119:04	73	37:47	2267
2106	Year-Round Residence	Non-Participating	321088.81	326528.24	122:06	47	37:27	2247
700	Year-Round Residence	Non-Participating	324831.93	324371.68	112:53	54	36:19	2179
1818	Year-Round Residence	Non-Participating	317538.98	326863.36	167:16	75	35:23	2123
1848	Year-Round Residence	Non-Participating	316860.53	327661.08	164:31	73	35:03	2103
1832	Year-Round Residence	Non-Participating	317203.09	327364.27	111:50	59	34:49	2089
692	Year-Round Residence	Non-Participating	323917.32	326574.41	106:25	61	34:48	2088
1874	Year-Round Residence	Non-Participating	317795.94	327720.97	111:04	65	34:16	2056
1833	Year-Round Residence	Non-Participating	317149.87	327315.26	108:13	62	34:01	2041
1834	Year-Round Residence	Non-Participating	317079.85	327285.09	107:31	62	33:44	2024
1836	Year-Round Residence	Non-Participating	316933.82	327084.00	123:49	72	33:11	1991
2084	Year-Round Residence	Non-Participating	322592.59	326689.96	136:59	101	32:57	1977
1872	Year-Round Residence	Non-Participating	317663.68	327687.36	107:52	64	32:52	1972
1812	Year-Round Residence	Non-Participating	317861.16	326565.00	143:52	54	32:09	1929
553	Year-Round Residence	Non-Participating	327187.08	325373.13	174:48	109	31:52	1912
1809	Year-Round Residence	Non-Participating	317952.09	326188.63	101:46	57	31:42	1902
2105	Year-Round Residence	Non-Participating	321022.08	326632.06	104:07	49	30:23	1823
1830	Year-Round Residence	Non-Participating	317523.96	327616.10	98:32	54	29:42	1782
455	Year-Round Residence	Non-Participating	322644.45	323527.32	91:46	58	29:08	1748
2112	Year-Round Residence	Non-Participating	320670.77	325947.15	87:56	55	28:25	1705
1893	Year-Round Residence	Non-Participating	320024.26	328665.82	104:03	46	27:55	1675
708	Year-Round Residence	Non-Participating	323690.28	324591.21	92:29	73	27:47	1667
693	Year-Round Residence	Non-Participating	323939.22	326503.06	82:05	59	27:39	1659
706	Year-Round Residence	Non-Participating	323320.03	324905.64	97:37	54	27:31	1651
1871	Year-Round Residence	Non-Participating	317729.48	328627.04	90:27	70	26:34	1594
1897	Year-Round Residence	Non-Participating	319792.29	328291.44	123:41	52	26:12	1572
1815	Year-Round Residence	Non-Participating	317784.56	326706.62	109:36	56	25:57	1557
2111	Year-Round Residence	Non-Participating	320566.39	326039.10	80:20	68	25:43	1543
1628	Year-Round Residence	Non-Participating	315299.06	327572.50	83:38	46	25:36	1536
703	Year-Round Residence	Non-Participating	322846.05	326170.30	76:08	50	24:07	1447
2312	Year-Round Residence	Non-Participating	317322.62	327370.68	77:55	44	23:56	1436
541	Year-Round Residence	Non-Participating	326962.47	323754.45	71:13	47	23:36	1416

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2113	Year-Round Residence	Non-Participating	320801.03	326107.49	74:50	45	23:29	1409
2114	Year-Round Residence	Non-Participating	320855.37	326109.39	74:37	50	23:23	1403
2108	Year-Round Residence	Non-Participating	321029.12	326173.07	74:13	58	22:52	1372
1894	Year-Round Residence	Non-Participating	320027.37	328482.27	93:38	41	22:35	1355
1819	Year-Round Residence	Non-Participating	317637.37	326943.56	117:36	61	22:26	1346
1835	Year-Round Residence	Non-Participating	316840.21	327098.10	92:56	61	22:21	1341
542	Year-Round Residence	Non-Participating	326946.82	323784.39	67:50	48	22:15	1335
1895	Year-Round Residence	Non-Participating	319948.26	328511.28	94:49	42	22:12	1332
709	Year-Round Residence	Non-Participating	323599.59	324540.28	71:37	63	22:09	1329
1870	Year-Round Residence	Non-Participating	317528.33	329143.42	85:36	48	21:56	1316
1831	Year-Round Residence	Non-Participating	317300.80	327256.63	66:59	46	21:38	1298
704	Year-Round Residence	Non-Participating	322857.95	326139.50	67:26	49	21:28	1288
2082	Year-Round Residence	Non-Participating	322567.06	326840.98	84:59	94	21:12	1272
2079	Year-Round Residence	Non-Participating	322777.42	327105.61	113:37	90	21:11	1271
1813	Year-Round Residence	Non-Participating	317954.94	326603.29	104:15	48	21:07	1267
1899	Year-Round Residence	Non-Participating	320033.46	327691.83	63:51	45	20:57	1257
1814	Year-Round Residence	Non-Participating	317884.19	326712.01	94:10	49	20:21	1221
552	Year-Round Residence	Non-Participating	326755.39	325346.80	90:27	47	20:15	1215
1898	Year-Round Residence	Non-Participating	319929.38	328013.01	71:20	59	20:12	1212
2081	Year-Round Residence	Non-Participating	322573.49	326898.05	84:13	91	19:49	1189
2103	Year-Round Residence	Non-Participating	321101.11	327013.69	92:04	39	19:48	1188
540	Year-Round Residence	Non-Participating	327012.42	323661.50	58:17	44	19:46	1186
2078	Year-Round Residence	Non-Participating	322707.64	327206.33	116:08	86	19:39	1179
1896	Year-Round Residence	Non-Participating	319856.01	328167.37	79:23	51	19:38	1178
2080	Year-Round Residence	Non-Participating	322496.52	327052.38	110:24	67	19:37	1177
453	Year-Round Residence	Non-Participating	322840.82	323525.82	62:04	67	19:33	1173
1829	Year-Round Residence	Non-Participating	317585.61	327537.21	62:21	41	18:34	1114
1838	Year-Round Residence	Non-Participating	316826.23	326999.13	103:53	67	18:06	1086
691	Year-Round Residence	Non-Participating	323948.14	326728.54	57:55	57	17:50	1070
1811	Year-Round Residence	Non-Participating	318028.58	326513.05	73:52	46	17:48	1068
1912	Year-Round Residence	Non-Participating	317869.60	327226.91	77:32	41	17:48	1068
1858	Year-Round Residence	Non-Participating	316936.56	328566.79	72:26	35	17:29	1049
1432	Seasonal Residence	Non-Participating	319185.70	326447.45	68:16	51	17:27	1047
1820	Year-Round Residence	Non-Participating	317691.66	327012.44	96:09	55	17:19	1039
1913	Year-Round Residence	Non-Participating	317829.82	327219.15	75:28	42	17:17	1037
2110	Year-Round Residence	Non-Participating	321235.28	325875.73	54:37	60	17:15	1035
618	Year-Round Residence	Non-Participating	326712.96	325555.38	90:41	55	17:14	1034
653	Year-Round Residence	Non-Participating	326572.88	325697.83	105:40	81	17:10	1030
1909	Year-Round Residence	Non-Participating	317946.40	327282.03	72:15	37	17:08	1028
543	Year-Round Residence	Non-Participating	326931.48	323842.78	52:22	49	16:55	1015
617	Year-Round Residence	Non-Participating	326708.71	325510.49	83:51	56	16:54	1014
656	Year-Round Residence	Non-Participating	326367.51	325624.10	104:09	77	16:36	996

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
554	Year-Round Residence	Non-Participating	327684.86	325423.87	105:35	79	16:10	970
539	Year-Round Residence	Non-Participating	327028.98	323617.64	46:58	43	16:01	961
1174	Year-Round Residence	Non-Participating	328258.97	324981.09	62:30	45	16:00	960
654	Year-Round Residence	Non-Participating	326496.07	325713.02	99:57	83	15:58	958
658	Year-Round Residence	Non-Participating	326307.12	325606.54	101:58	69	15:56	956
1892	Year-Round Residence	Non-Participating	320033.24	328805.43	56:52	45	15:54	954
1850	Year-Round Residence	Non-Participating	316720.79	327878.23	52:21	56	15:17	917
1840	Year-Round Residence	Non-Participating	316398.61	326657.22	57:21	46	15:06	906
715	Seasonal Residence	Non-Participating	326701.27	325635.06	85:10	61	15:05	905
1828	Year-Round Residence	Non-Participating	317633.66	327536.18	50:13	38	14:48	888
1817	Year-Round Residence	Non-Participating	317775.27	326890.74	64:20	53	14:25	865
1816	Year-Round Residence	Non-Participating	317841.36	326803.41	57:23	50	14:06	846
1901	Year-Round Residence	Non-Participating	319781.73	327276.44	59:35	49	13:56	836
1826	Year-Round Residence	Non-Participating	317576.50	327491.43	46:47	33	13:44	824
2109	Year-Round Residence	Non-Participating	321023.32	326056.07	43:55	59	13:39	819
1171	Year-Round Residence	Non-Participating	327603.15	325435.83	89:14	80	13:26	806
685	Year-Round Residence	Non-Participating	325319.64	325594.68	67:28	69	13:21	801
1426	Seasonal Residence	Non-Participating	316087.96	326037.01	42:15	33	13:15	795
619	Year-Round Residence	Non-Participating	326695.20	325726.06	81:08	63	13:10	790
1851	Year-Round Residence	Non-Participating	316725.04	327941.87	48:58	54	13:10	790
2148	Year-Round Residence	Non-Participating	321289.82	324758.55	48:34	54	13:06	786
2094	Year-Round Residence	Non-Participating	320911.57	327443.86	80:54	68	13:02	782
698	Year-Round Residence	Non-Participating	324363.05	325478.61	83:46	61	12:52	772
1849	Year-Round Residence	Non-Participating	316800.48	327847.08	42:48	50	12:48	768
1837	Year-Round Residence	Non-Participating	316884.39	327047.54	76:30	67	12:44	764
2147	Year-Round Residence	Non-Participating	321244.65	324691.59	45:13	52	12:43	763
1661	Year-Round Residence	Non-Participating	315829.11	325983.55	39:52	27	12:36	756
684	Year-Round Residence	Non-Participating	325296.66	325606.08	62:59	68	12:29	749
1868	Year-Round Residence	Non-Participating	317365.64	329241.46	50:17	40	12:27	747
655	Year-Round Residence	Non-Participating	326404.00	325722.64	79:02	72	12:25	745
1618	Year-Round Residence	Non-Participating	315323.62	328136.21	58:15	44	12:25	745
1886	Year-Round Residence	Non-Participating	319089.32	329472.21	63:41	41	12:21	741
1880	Year-Round Residence	Non-Participating	318181.54	329665.21	77:52	91	12:16	736
510	Year-Round Residence	Non-Participating	327391.76	323456.44	35:42	30	12:13	733
1156	Seasonal Residence	Non-Participating	323927.02	326942.58	49:37	54	12:13	733
555	Year-Round Residence	Non-Participating	327986.87	325353.51	59:39	56	12:09	729
2119	Year-Round Residence	Non-Participating	320754.16	325409.48	50:33	27	12:05	725
509	Year-Round Residence	Non-Participating	327335.06	323449.52	34:53	32	11:57	717
1842	Year-Round Residence	Non-Participating	316196.14	326473.24	40:54	38	11:56	716
1821	Year-Round Residence	Non-Participating	317665.11	327126.93	64:16	51	11:54	714
1841	Year-Round Residence	Non-Participating	316265.84	326629.64	43:56	40	11:52	712
1855	Year-Round Residence	Non-Participating	316793.25	328400.12	65:38	42	11:51	711

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
660	Year-Round Residence	Non-Participating	326224.58	325615.64	75:00	67	11:42	702
2188	Year-Round Residence	Non-Participating	322498.93	323685.05	37:17	48	11:29	689
1852	Year-Round Residence	Non-Participating	316797.72	327929.84	40:31	49	11:10	670
683	Year-Round Residence	Non-Participating	325279.20	325628.61	55:15	67	11:03	663
1438	Year-Round Residence	Non-Participating	318721.38	329731.20	71:12	54	10:56	656
1867	Year-Round Residence	Non-Participating	317297.54	329233.89	43:16	37	10:56	656
1617	Year-Round Residence	Non-Participating	315278.96	328192.26	53:02	42	10:54	654
508	Year-Round Residence	Non-Participating	327288.39	323447.52	31:36	33	10:49	649
711	Year-Round Residence	Non-Participating	322599.52	325185.83	62:04	41	10:48	648
1881	Year-Round Residence	Non-Participating	318246.14	329677.09	68:58	90	10:44	644
1889	Year-Round Residence	Non-Participating	319725.06	329477.24	64:03	48	10:43	643
1843	Year-Round Residence	Non-Participating	316135.62	326486.33	36:11	36	10:29	629
1891	Year-Round Residence	Non-Participating	320012.36	329120.81	45:56	43	10:17	617
1910	Year-Round Residence	Non-Participating	317869.78	327340.63	41:08	28	10:17	617
1616	Year-Round Residence	Non-Participating	315375.61	328245.23	51:50	46	10:04	604
1888	Year-Round Residence	Non-Participating	319629.55	329510.39	58:50	45	10:02	602
1856	Year-Round Residence	Non-Participating	316791.15	328458.33	54:54	41	9:57	597
1844	Year-Round Residence	Non-Participating	316097.57	326466.61	34:06	34	9:54	594
1866	Year-Round Residence	Non-Participating	317277.95	329358.71	43:34	36	9:53	593
527	Year-Round Residence	Non-Participating	328542.55	324881.84	35:14	34	9:48	588
1911	Year-Round Residence	Non-Participating	317799.76	327315.89	38:29	27	9:48	588
1853	Year-Round Residence	Non-Participating	316791.30	328033.28	39:04	48	9:43	583
1906	Year-Round Residence	Non-Participating	318198.61	327257.05	42:44	31	9:41	581
682	Year-Round Residence	Non-Participating	325269.53	325663.08	47:29	66	9:38	578
2296	Year-Round Residence	Non-Participating	320015.01	329237.79	47:14	41	9:38	578
1660	Year-Round Residence	Non-Participating	315822.14	326099.45	29:17	27	9:07	547
1825	Year-Round Residence	Non-Participating	317579.77	327331.26	29:44	34	9:05	545
657	Year-Round Residence	Non-Participating	326332.81	325715.92	57:22	52	9:00	540
1915	Year-Round Residence	Non-Participating	317743.67	327305.40	33:13	28	9:00	540
529	Year-Round Residence	Non-Participating	328534.45	324976.61	34:33	34	8:59	539
1865	Year-Round Residence	Non-Participating	317149.31	329146.05	32:36	32	8:58	538
1908	Year-Round Residence	Non-Participating	317946.93	327044.15	44:52	41	8:57	537
557	Year-Round Residence	Non-Participating	328156.33	325593.76	55:24	42	8:49	529
1863	Year-Round Residence	Non-Participating	317121.04	329124.55	31:25	32	8:43	523
556	Year-Round Residence	Non-Participating	328153.86	325350.10	37:52	46	8:34	514
1882	Year-Round Residence	Non-Participating	318341.11	329689.11	56:40	86	8:28	508
1659	Year-Round Residence	Non-Participating	315824.98	326142.57	27:29	27	8:27	507
1822	Year-Round Residence	Non-Participating	317635.65	327185.22	41:47	41	8:25	505
1857	Year-Round Residence	Non-Participating	316791.53	328497.47	45:41	40	8:23	503
516	Year-Round Residence	Non-Participating	328672.21	323635.95	24:10	27	8:17	497
2190	Year-Round Residence	Non-Participating	322237.95	323370.69	25:53	33	8:13	493
1864	Year-Round Residence	Non-Participating	317119.50	329207.05	30:56	31	8:12	492

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
531	Year-Round Residence	Non-Participating	328415.82	325312.78	40:45	36	8:05	485
1890	Year-Round Residence	Non-Participating	319926.16	329496.33	50:03	40	8:00	480
2095	Year-Round Residence	Non-Participating	321231.57	327396.28	44:41	34	7:56	476
530	Year-Round Residence	Non-Participating	328333.33	325321.72	38:00	39	7:52	472
2141	Year-Round Residence	Non-Participating	320807.77	323957.87	24:59	31	7:52	472
1649	Year-Round Residence	Non-Participating	315325.96	326678.06	24:27	30	7:43	463
1657	Year-Round Residence	Non-Participating	315945.37	326471.62	26:20	30	7:36	456
1827	Year-Round Residence	Non-Participating	317636.48	327508.14	27:08	31	7:32	452
1914	Year-Round Residence	Non-Participating	317756.82	327231.65	39:50	39	7:30	450
1860	Year-Round Residence	Non-Participating	316985.76	329043.34	25:42	28	7:18	438
1658	Year-Round Residence	Non-Participating	315838.17	326300.72	24:14	28	7:15	435
1884	Year-Round Residence	Non-Participating	318947.05	329703.38	39:24	43	7:13	433
1862	Year-Round Residence	Non-Participating	317027.80	329217.38	26:48	29	7:08	428
659	Year-Round Residence	Non-Participating	326269.00	325693.83	45:13	47	7:04	424
1428	Seasonal Residence	Non-Participating	315968.20	326636.82	25:57	30	7:02	422
705	Year-Round Residence	Non-Participating	323158.90	325496.31	36:35	39	6:53	413
528	Year-Round Residence	Non-Participating	328724.14	324956.55	25:15	29	6:48	408
1861	Year-Round Residence	Non-Participating	316964.17	329117.95	24:37	28	6:48	408
1655	Year-Round Residence	Non-Participating	315871.35	326483.86	23:24	28	6:43	403
1656	Year-Round Residence	Non-Participating	315807.96	326378.91	22:21	27	6:35	395
1887	Year-Round Residence	Non-Participating	319497.08	329612.15	33:49	28	6:29	389
1722	Year-Round Residence	Non-Participating	315905.96	325564.46	20:11	25	6:28	388
1859	Year-Round Residence	Non-Participating	316784.42	328783.87	21:22	25	6:23	383
1883	Year-Round Residence	Non-Participating	318451.05	329711.83	43:39	68	6:20	380
1916	Year-Round Residence	Non-Participating	317683.63	327237.29	30:16	32	6:20	380
2295	Year-Round Residence	Non-Participating	319964.32	329432.95	35:33	40	6:13	373
1885	Year-Round Residence	Non-Participating	319021.18	329701.88	32:00	40	6:08	368
511	Year-Round Residence	Non-Participating	327576.50	323465.03	18:03	26	6:06	366
2149	Year-Round Residence	Non-Participating	321216.36	325253.60	35:50	40	5:59	359
2186	Year-Round Residence	Non-Participating	322299.17	323692.72	19:44	36	5:57	357
2187	Year-Round Residence	Non-Participating	322289.02	323632.63	19:21	35	5:57	357
2185	Year-Round Residence	Non-Participating	322317.09	323793.43	20:14	37	5:51	351
2137	Year-Round Residence	Non-Participating	320588.73	323829.73	18:35	25	5:50	350
1224	Year-Round Residence	Non-Participating	316822.82	329014.14	20:26	25	5:49	349
2116	Year-Round Residence	Non-Participating	321181.58	325502.12	16:40	25	5:41	341
1427	Seasonal Residence	Non-Participating	316116.75	325871.01	17:39	30	5:29	329
1632	Year-Round Residence	Non-Participating	315368.39	327208.25	17:56	32	5:29	329
1430	Seasonal Residence	Non-Participating	320063.55	329354.58	26:03	38	5:21	321
2139	Year-Round Residence	Non-Participating	320652.32	323847.65	16:46	24	5:15	315
701	Year-Round Residence	Non-Participating	324991.93	323830.97	16:41	30	5:14	314
2096	Year-Round Residence	Non-Participating	321281.06	327432.34	29:33	30	5:12	312
1650	Year-Round Residence	Non-Participating	315276.32	326611.41	16:32	26	5:11	311

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1615	Year-Round Residence	Non-Participating	315697.13	328351.49	32:04	47	5:06	306
710	Year-Round Residence	Non-Participating	324371.67	323917.57	17:10	32	4:47	287
2300	Year-Round Residence	Non-Participating	314994.79	328708.63	27:35	28	4:39	279
678	Year-Round Residence	Non-Participating	324383.65	327571.59	30:03	29	4:35	275
697	Year-Round Residence	Non-Participating	324282.81	325570.53	30:49	46	4:25	265
1918	Year-Round Residence	Non-Participating	320124.53	329458.58	23:57	34	4:25	265
2333	Year-Round Residence	Non-Participating	320170.47	329386.57	20:59	34	4:24	264
1631	Year-Round Residence	Non-Participating	315302.45	327324.36	15:06	30	4:22	262
2097	Year-Round Residence	Non-Participating	321305.49	327439.75	24:34	29	4:22	262
1623	Year-Round Residence	Non-Participating	315017.68	328719.70	25:53	29	4:19	259
1630	Year-Round Residence	Non-Participating	315279.35	327360.23	14:32	30	4:09	249
1904	Year-Round Residence	Non-Participating	318411.16	327046.82	22:34	24	3:57	237
1720	Year-Round Residence	Non-Participating	315845.20	325721.23	12:26	24	3:51	231
537	Year-Round Residence	Non-Participating	327087.71	323490.62	11:15	25	3:48	228
1907	Year-Round Residence	Non-Participating	318148.59	327089.71	20:26	34	3:48	228
1917	Year-Round Residence	Non-Participating	317707.23	327306.74	13:04	30	3:46	226
394	Year-Round Residence	Non-Participating	324602.97	323042.45	11:00	22	3:44	224
1719	Year-Round Residence	Non-Participating	315842.16	325777.59	11:49	25	3:39	219
1602	Year-Round Residence	Non-Participating	317146.67	329782.64	17:08	29	3:35	215
532	Year-Round Residence	Non-Participating	328667.48	325315.61	14:08	29	3:32	212
1654	Year-Round Residence	Non-Participating	315726.55	326447.63	11:16	25	3:28	208
1629	Year-Round Residence	Non-Participating	314688.18	327819.34	11:35	26	3:26	206
1635	Year-Round Residence	Non-Participating	315772.80	326591.51	11:29	26	3:22	202
1902	Year-Round Residence	Non-Participating	319178.04	327068.60	13:23	29	3:17	197
1634	Year-Round Residence	Non-Participating	315758.97	326633.30	11:03	26	3:11	191
1639	Year-Round Residence	Non-Participating	315716.77	326577.99	10:42	25	3:09	189
1604	Year-Round Residence	Non-Participating	316840.36	329228.44	10:42	25	3:05	185
1633	Year-Round Residence	Non-Participating	315741.37	326674.82	10:43	26	3:03	183
1605	Year-Round Residence	Non-Participating	316735.89	329005.06	9:53	24	3:02	182
1621	Year-Round Residence	Non-Participating	314870.08	328530.03	16:02	27	3:02	182
1640	Year-Round Residence	Non-Participating	315693.92	326579.97	10:19	25	3:02	182
2327	Year-Round Residence	Non-Participating	315708.22	326612.24	10:20	25	3:00	180
1619	Year-Round Residence	Non-Participating	314772.89	328334.16	12:25	26	2:59	179
1622	Year-Round Residence	Non-Participating	314833.81	328593.64	15:58	26	2:58	178
1636	Year-Round Residence	Non-Participating	315695.63	326613.37	10:13	25	2:58	178
1601	Year-Round Residence	Non-Participating	317011.56	329803.88	13:32	27	2:57	177
1641	Year-Round Residence	Non-Participating	315682.78	326584.02	10:04	25	2:57	177
1603	Year-Round Residence	Non-Participating	316828.16	329278.93	10:15	25	2:55	175
1637	Year-Round Residence	Non-Participating	315678.30	326616.04	10:00	25	2:54	174
1642	Year-Round Residence	Non-Participating	315663.69	326587.78	9:53	24	2:53	173
1620	Year-Round Residence	Non-Participating	314771.79	328401.56	12:34	26	2:52	172
1643	Year-Round Residence	Non-Participating	315651.38	326588.65	9:43	24	2:50	170

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1638	Year-Round Residence	Non-Participating	315657.74	326619.03	9:45	24	2:49	169
1644	Year-Round Residence	Non-Participating	315596.87	326568.99	9:05	23	2:40	160
2326	Year-Round Residence	Non-Participating	315628.98	326631.08	9:17	24	2:40	160
1163	Year-Round Residence	Non-Participating	324570.27	327397.25	14:21	27	2:39	159
1645	Year-Round Residence	Non-Participating	315597.09	326577.37	9:03	23	2:39	159
2325	Year-Round Residence	Non-Participating	315598.28	326588.23	9:06	23	2:39	159
1164	Year-Round Residence	Non-Participating	324599.72	327375.63	13:27	26	2:36	156
2120	Year-Round Residence	Non-Participating	320611.79	325266.40	13:48	26	2:35	155
661	Year-Round Residence	Non-Participating	326198.44	325709.84	14:14	25	2:33	153
679	Year-Round Residence	Non-Participating	324665.78	327336.01	11:55	25	2:29	149
1905	Year-Round Residence	Non-Participating	318337.74	327121.60	12:28	27	2:28	148
2098	Year-Round Residence	Non-Participating	321472.45	327560.64	13:38	26	2:25	145
1943	Year-Round Residence	Non-Participating	318954.49	330094.34	15:59	29	2:14	134
2091	Year-Round Residence	Non-Participating	320734.52	328209.08	8:55	23	2:14	134
2077	Year-Round Residence	Non-Participating	322467.02	327568.43	13:03	25	2:03	123
1903	Year-Round Residence	Non-Participating	318390.70	327291.22	11:55	24	2:01	121
2297	Year-Round Residence	Non-Participating	319023.18	326977.46	7:53	21	2:00	120
2184	Year-Round Residence	Non-Participating	321797.10	323858.39	6:50	21	1:56	116
690	Year-Round Residence	Non-Participating	323743.37	327378.89	12:18	29	1:39	99
2093	Year-Round Residence	Non-Participating	320865.80	327648.28	6:58	26	1:00	60
1648	Year-Round Residence	Non-Participating	315349.91	326589.01	1:33	9	0:28	28
1	Year-Round Residence	Non-Participating	325840.23	321460.84	0:00	0	0:00	0
2	Year-Round Residence	Non-Participating	325754.47	321507.92	0:00	0	0:00	0
3	Year-Round Residence	Non-Participating	325773.13	321554.04	0:00	0	0:00	0
4	Year-Round Residence	Non-Participating	325850.26	321518.33	0:00	0	0:00	0
5	Year-Round Residence	Non-Participating	325787.58	321592.73	0:00	0	0:00	0
6	Year-Round Residence	Non-Participating	325858.58	321556.18	0:00	0	0:00	0
7	Year-Round Residence	Non-Participating	325791.13	321644.33	0:00	0	0:00	0
8	Year-Round Residence	Non-Participating	325882.95	321657.48	0:00	0	0:00	0
9	Year-Round Residence	Non-Participating	325793.62	321691.48	0:00	0	0:00	0
10	Year-Round Residence	Non-Participating	325877.89	321704.54	0:00	0	0:00	0
11	Year-Round Residence	Non-Participating	325847.64	321863.82	0:00	0	0:00	0
12	Year-Round Residence	Non-Participating	325851.42	321801.66	0:00	0	0:00	0
13	Year-Round Residence	Non-Participating	325790.73	321841.34	0:00	0	0:00	0
14	Year-Round Residence	Non-Participating	325780.07	321788.11	0:00	0	0:00	0
15	Year-Round Residence	Non-Participating	325640.85	321775.66	0:00	0	0:00	0
16	Year-Round Residence	Non-Participating	325636.37	321819.21	0:00	0	0:00	0
17	Year-Round Residence	Non-Participating	325637.21	321903.43	0:00	0	0:00	0
18	Year-Round Residence	Non-Participating	325704.43	321882.47	0:00	0	0:00	0
19	Year-Round Residence	Non-Participating	325613.58	321953.56	0:00	0	0:00	0
20	Year-Round Residence	Non-Participating	325707.94	321947.63	0:00	0	0:00	0
21	Year-Round Residence	Non-Participating	325721.23	322023.73	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
22	Year-Round Residence	Non-Participating	325727.19	322101.93	0:00	0	0:00	0
23	Year-Round Residence	Non-Participating	325773.25	322129.89	0:00	0	0:00	0
24	Year-Round Residence	Non-Participating	325778.46	322081.10	0:00	0	0:00	0
25	Year-Round Residence	Non-Participating	325779.27	322052.74	0:00	0	0:00	0
26	Year-Round Residence	Non-Participating	325782.01	322010.36	0:00	0	0:00	0
27	Year-Round Residence	Non-Participating	325591.17	322111.22	0:00	0	0:00	0
28	Year-Round Residence	Non-Participating	325563.80	322171.01	0:00	0	0:00	0
29	Year-Round Residence	Non-Participating	325745.99	322175.13	0:00	0	0:00	0
30	Year-Round Residence	Non-Participating	325836.88	322187.94	0:00	0	0:00	0
31	Year-Round Residence	Non-Participating	325863.10	322130.59	0:00	0	0:00	0
32	Year-Round Residence	Non-Participating	325881.08	322045.14	0:00	0	0:00	0
33	Year-Round Residence	Non-Participating	325941.38	322140.98	0:00	0	0:00	0
34	Year-Round Residence	Non-Participating	325981.28	322146.33	0:00	0	0:00	0
35	Year-Round Residence	Non-Participating	326022.01	322147.17	0:00	0	0:00	0
36	Year-Round Residence	Non-Participating	326026.29	322059.61	0:00	0	0:00	0
37	Year-Round Residence	Non-Participating	326026.98	322021.16	0:00	0	0:00	0
38	Year-Round Residence	Non-Participating	326084.58	321982.60	0:00	0	0:00	0
39	Year-Round Residence	Non-Participating	326077.80	322025.57	0:00	0	0:00	0
40	Year-Round Residence	Non-Participating	326082.63	322074.42	0:00	0	0:00	0
41	Year-Round Residence	Non-Participating	326023.60	322102.89	0:00	0	0:00	0
42	Year-Round Residence	Non-Participating	326068.32	322158.70	0:00	0	0:00	0
43	Year-Round Residence	Non-Participating	325979.48	322191.19	0:00	0	0:00	0
44	Year-Round Residence	Non-Participating	325946.34	322191.13	0:00	0	0:00	0
45	Year-Round Residence	Non-Participating	325947.77	321421.23	0:00	0	0:00	0
46	Year-Round Residence	Non-Participating	326213.99	322125.65	0:00	0	0:00	0
47	Year-Round Residence	Non-Participating	326197.40	322181.67	0:00	0	0:00	0
48	Year-Round Residence	Non-Participating	326173.76	322218.06	0:00	0	0:00	0
49	Year-Round Residence	Non-Participating	326151.94	322249.53	0:00	0	0:00	0
50	Year-Round Residence	Non-Participating	326123.63	322274.56	0:00	0	0:00	0
51	Year-Round Residence	Non-Participating	326082.28	322306.20	0:00	0	0:00	0
52	Year-Round Residence	Non-Participating	326037.96	322338.50	0:00	0	0:00	0
53	Year-Round Residence	Non-Participating	325987.99	322331.51	0:00	0	0:00	0
54	Year-Round Residence	Non-Participating	325985.59	322296.49	0:00	0	0:00	0
55	Year-Round Residence	Non-Participating	325939.18	322348.81	0:00	0	0:00	0
56	Year-Round Residence	Non-Participating	325897.37	322363.57	0:00	0	0:00	0
57	Year-Round Residence	Non-Participating	325866.71	322380.49	0:00	0	0:00	0
58	Year-Round Residence	Non-Participating	325829.44	322403.08	0:00	0	0:00	0
59	Year-Round Residence	Non-Participating	325778.09	322332.39	0:00	0	0:00	0
60	Year-Round Residence	Non-Participating	325486.42	322292.36	0:00	0	0:00	0
61	Year-Round Residence	Non-Participating	325428.67	322164.74	0:00	0	0:00	0
62	Year-Round Residence	Non-Participating	325277.25	322199.50	0:00	0	0:00	0
63	Year-Round Residence	Non-Participating	325378.12	322262.74	0:00	0	0:00	0



Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
64	Year-Round Residence	Non-Participating	326105.29	322385.39	0:00	0	0:00	0
65	Year-Round Residence	Non-Participating	326120.83	322384.71	0:00	0	0:00	0
66	Year-Round Residence	Non-Participating	326146.44	322374.59	0:00	0	0:00	0
67	Year-Round Residence	Non-Participating	326163.79	322374.25	0:00	0	0:00	0
68	Year-Round Residence	Non-Participating	326189.85	322371.42	0:00	0	0:00	0
69	Year-Round Residence	Non-Participating	326227.52	322364.74	0:00	0	0:00	0
70	Year-Round Residence	Non-Participating	326258.55	322365.89	0:00	0	0:00	0
71	Year-Round Residence	Non-Participating	326274.10	322366.04	0:00	0	0:00	0
72	Year-Round Residence	Non-Participating	326289.72	322363.96	0:00	0	0:00	0
73	Year-Round Residence	Non-Participating	326324.44	322357.26	0:00	0	0:00	0
74	Year-Round Residence	Non-Participating	326340.61	322356.42	0:00	0	0:00	0
75	Year-Round Residence	Non-Participating	326447.94	322350.46	0:00	0	0:00	0
76	Year-Round Residence	Non-Participating	326434.67	322307.60	0:00	0	0:00	0
77	Year-Round Residence	Non-Participating	326433.90	322272.44	0:00	0	0:00	0
78	Year-Round Residence	Non-Participating	326467.63	322276.77	0:00	0	0:00	0
79	Year-Round Residence	Non-Participating	326464.91	322261.83	0:00	0	0:00	0
80	Year-Round Residence	Non-Participating	326460.67	322242.56	0:00	0	0:00	0
81	Year-Round Residence	Non-Participating	326456.49	322225.21	0:00	0	0:00	0
82	Year-Round Residence	Non-Participating	326422.04	322244.97	0:00	0	0:00	0
83	Year-Round Residence	Non-Participating	326456.47	322199.61	0:00	0	0:00	0
84	Year-Round Residence	Non-Participating	326426.47	322156.51	0:00	0	0:00	0
85	Year-Round Residence	Non-Participating	326455.56	322162.38	0:00	0	0:00	0
86	Year-Round Residence	Non-Participating	326474.82	322156.62	0:00	0	0:00	0
87	Year-Round Residence	Non-Participating	326473.89	322115.97	0:00	0	0:00	0
88	Year-Round Residence	Non-Participating	326494.70	322112.35	0:00	0	0:00	0
89	Year-Round Residence	Non-Participating	326521.89	322144.46	0:00	0	0:00	0
90	Year-Round Residence	Non-Participating	326525.65	322104.25	0:00	0	0:00	0
91	Year-Round Residence	Non-Participating	326559.22	322146.14	0:00	0	0:00	0
92	Year-Round Residence	Non-Participating	326560.55	322091.34	0:00	0	0:00	0
93	Year-Round Residence	Non-Participating	326565.70	322063.03	0:00	0	0:00	0
94	Year-Round Residence	Non-Participating	326577.01	322030.21	0:00	0	0:00	0
95	Year-Round Residence	Non-Participating	326586.64	321981.91	0:00	0	0:00	0
96	Year-Round Residence	Non-Participating	326621.58	322088.64	0:00	0	0:00	0
97	Year-Round Residence	Non-Participating	326623.57	322067.67	0:00	0	0:00	0
98	Year-Round Residence	Non-Participating	326453.54	322029.49	0:00	0	0:00	0
99	Year-Round Residence	Non-Participating	326476.38	322069.06	0:00	0	0:00	0
100	Year-Round Residence	Non-Participating	326356.15	321103.43	0:00	0	0:00	0
101	Year-Round Residence	Non-Participating	326204.28	321144.93	0:00	0	0:00	0
102	Year-Round Residence	Non-Participating	326675.85	320987.68	0:00	0	0:00	0
103	Year-Round Residence	Non-Participating	326680.94	320911.11	0:00	0	0:00	0
104	Year-Round Residence	Non-Participating	325631.11	321860.97	0:00	0	0:00	0
105	Year-Round Residence	Non-Participating	326747.88	320537.56	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
106	Year-Round Residence	Non-Participating	326769.58	320439.49	0:00	0	0:00	0
107	Year-Round Residence	Non-Participating	326757.47	320235.12	0:00	0	0:00	0
108	Year-Round Residence	Non-Participating	326649.77	320166.94	0:00	0	0:00	0
109	Year-Round Residence	Non-Participating	327107.05	321131.14	0:00	0	0:00	0
110	Year-Round Residence	Non-Participating	327100.78	321247.79	0:00	0	0:00	0
111	Year-Round Residence	Non-Participating	327260.08	321399.60	0:00	0	0:00	0
112	Year-Round Residence	Non-Participating	327356.80	320935.66	0:00	0	0:00	0
113	Year-Round Residence	Non-Participating	327370.63	320842.44	0:00	0	0:00	0
114	Year-Round Residence	Non-Participating	327352.24	320589.74	0:00	0	0:00	0
115	Year-Round Residence	Non-Participating	327283.70	320473.78	0:00	0	0:00	0
116	Year-Round Residence	Non-Participating	328217.19	321536.54	0:00	0	0:00	0
117	Year-Round Residence	Non-Participating	327395.38	320405.93	0:00	0	0:00	0
119	Year-Round Residence	Non-Participating	327443.98	320312.92	0:00	0	0:00	0
120	Year-Round Residence	Non-Participating	327877.12	320375.91	0:00	0	0:00	0
121	Year-Round Residence	Non-Participating	328174.72	320513.45	0:00	0	0:00	0
122	Year-Round Residence	Non-Participating	328253.83	320518.27	0:00	0	0:00	0
123	Year-Round Residence	Non-Participating	328180.55	320592.48	0:00	0	0:00	0
124	Year-Round Residence	Non-Participating	328172.35	320650.31	0:00	0	0:00	0
125	Year-Round Residence	Non-Participating	328299.81	320709.53	0:00	0	0:00	0
126	Year-Round Residence	Non-Participating	328419.92	320612.14	0:00	0	0:00	0
127	Year-Round Residence	Non-Participating	328508.22	320631.35	0:00	0	0:00	0
128	Year-Round Residence	Non-Participating	328148.73	320791.41	0:00	0	0:00	0
129	Year-Round Residence	Non-Participating	328152.43	320966.12	0:00	0	0:00	0
130	Year-Round Residence	Non-Participating	328226.95	320966.84	0:00	0	0:00	0
131	Year-Round Residence	Non-Participating	328214.86	321037.02	0:00	0	0:00	0
132	Year-Round Residence	Non-Participating	328195.35	321178.43	0:00	0	0:00	0
133	Year-Round Residence	Non-Participating	328248.10	321412.38	0:00	0	0:00	0
134	Year-Round Residence	Non-Participating	328163.61	321566.66	0:00	0	0:00	0
135	Year-Round Residence	Non-Participating	328293.42	321676.93	0:00	0	0:00	0
136	Year-Round Residence	Non-Participating	328296.22	321835.79	0:00	0	0:00	0
137	Year-Round Residence	Non-Participating	328289.17	321931.08	0:00	0	0:00	0
138	Year-Round Residence	Non-Participating	328303.17	322063.21	0:00	0	0:00	0
139	Year-Round Residence	Non-Participating	328284.81	322165.67	0:00	0	0:00	0
140	Year-Round Residence	Non-Participating	328410.05	322337.42	0:00	0	0:00	0
141	Year-Round Residence	Non-Participating	327224.97	321852.31	0:00	0	0:00	0
142	Year-Round Residence	Non-Participating	327284.95	321823.71	0:00	0	0:00	0
143	Year-Round Residence	Non-Participating	327302.32	321753.34	0:00	0	0:00	0
144	Year-Round Residence	Non-Participating	327354.12	321805.50	0:00	0	0:00	0
145	Year-Round Residence	Non-Participating	327377.69	321739.49	0:00	0	0:00	0
146	Year-Round Residence	Non-Participating	327130.85	321870.42	0:00	0	0:00	0
147	Year-Round Residence	Non-Participating	327101.69	321856.91	0:00	0	0:00	0
148	Year-Round Residence	Non-Participating	327113.65	321933.39	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
149	Year-Round Residence	Non-Participating	327051.71	321915.43	0:00	0	0:00	0
150	Year-Round Residence	Non-Participating	327089.10	322008.66	0:00	0	0:00	0
151	Year-Round Residence	Non-Participating	327051.28	322233.31	0:00	0	0:00	0
152	Year-Round Residence	Non-Participating	326831.30	322304.31	0:00	0	0:00	0
153	Year-Round Residence	Non-Participating	326815.90	322295.53	0:00	0	0:00	0
154	Year-Round Residence	Non-Participating	326768.36	322265.85	0:00	0	0:00	0
155	Year-Round Residence	Non-Participating	326807.24	322258.82	0:00	0	0:00	0
156	Year-Round Residence	Non-Participating	326762.58	322244.21	0:00	0	0:00	0
157	Year-Round Residence	Non-Participating	326803.42	322240.18	0:00	0	0:00	0
158	Year-Round Residence	Non-Participating	326761.36	322228.10	0:00	0	0:00	0
159	Year-Round Residence	Non-Participating	326759.92	322208.76	0:00	0	0:00	0
160	Year-Round Residence	Non-Participating	326803.67	322214.09	0:00	0	0:00	0
161	Year-Round Residence	Non-Participating	326760.72	322189.95	0:00	0	0:00	0
162	Year-Round Residence	Non-Participating	326800.15	322193.17	0:00	0	0:00	0
163	Year-Round Residence	Non-Participating	326753.85	322133.68	0:00	0	0:00	0
164	Year-Round Residence	Non-Participating	326759.84	322170.90	0:00	0	0:00	0
165	Year-Round Residence	Non-Participating	326796.75	322159.18	0:00	0	0:00	0
166	Year-Round Residence	Non-Participating	326797.74	322136.79	0:00	0	0:00	0
167	Year-Round Residence	Non-Participating	326775.14	322096.60	0:00	0	0:00	0
168	Year-Round Residence	Non-Participating	326755.65	322092.66	0:00	0	0:00	0
169	Year-Round Residence	Non-Participating	326716.36	322125.75	0:00	0	0:00	0
170	Year-Round Residence	Non-Participating	326730.36	322090.96	0:00	0	0:00	0
171	Year-Round Residence	Non-Participating	326706.98	322089.66	0:00	0	0:00	0
172	Year-Round Residence	Non-Participating	326684.02	322087.28	0:00	0	0:00	0
173	Year-Round Residence	Non-Participating	326670.84	322131.14	0:00	0	0:00	0
174	Year-Round Residence	Non-Participating	326667.40	322092.29	0:00	0	0:00	0
175	Year-Round Residence	Non-Participating	326650.10	322130.53	0:00	0	0:00	0
176	Year-Round Residence	Non-Participating	326649.80	322085.32	0:00	0	0:00	0
177	Year-Round Residence	Non-Participating	326620.03	322126.48	0:00	0	0:00	0
178	Year-Round Residence	Non-Participating	326634.00	322027.99	0:00	0	0:00	0
179	Year-Round Residence	Non-Participating	326554.28	322171.11	0:00	0	0:00	0
180	Year-Round Residence	Non-Participating	326612.56	322157.50	0:00	0	0:00	0
181	Year-Round Residence	Non-Participating	326610.46	322190.73	0:00	0	0:00	0
182	Year-Round Residence	Non-Participating	326553.32	322184.81	0:00	0	0:00	0
183	Year-Round Residence	Non-Participating	326540.47	322207.94	0:00	0	0:00	0
184	Year-Round Residence	Non-Participating	326539.82	322232.56	0:00	0	0:00	0
185	Year-Round Residence	Non-Participating	326611.16	322219.14	0:00	0	0:00	0
186	Year-Round Residence	Non-Participating	326533.84	322249.58	0:00	0	0:00	0
187	Year-Round Residence	Non-Participating	326603.48	322270.14	0:00	0	0:00	0
188	Year-Round Residence	Non-Participating	326532.28	322270.93	0:00	0	0:00	0
189	Year-Round Residence	Non-Participating	326598.50	322294.71	0:00	0	0:00	0
190	Year-Round Residence	Non-Participating	326591.79	322323.24	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
191	Year-Round Residence	Non-Participating	326595.31	322308.98	0:00	0	0:00	0
192	Year-Round Residence	Non-Participating	326589.55	322341.41	0:00	0	0:00	0
193	Year-Round Residence	Non-Participating	326676.31	322332.50	0:00	0	0:00	0
194	Year-Round Residence	Non-Participating	326161.71	322430.19	0:00	0	0:00	0
195	Year-Round Residence	Non-Participating	326044.14	322473.88	0:00	0	0:00	0
196	Year-Round Residence	Non-Participating	326071.94	322443.89	0:00	0	0:00	0
197	Year-Round Residence	Non-Participating	326095.46	322575.69	0:00	0	0:00	0
198	Year-Round Residence	Non-Participating	326082.16	322599.71	0:00	0	0:00	0
199	Year-Round Residence	Non-Participating	326067.54	322628.39	0:00	0	0:00	0
200	Year-Round Residence	Non-Participating	326049.40	322661.58	0:00	0	0:00	0
201	Year-Round Residence	Non-Participating	325919.00	322545.91	0:00	0	0:00	0
202	Year-Round Residence	Non-Participating	325916.89	322592.99	0:00	0	0:00	0
203	Year-Round Residence	Non-Participating	325949.51	322642.88	0:00	0	0:00	0
204	Year-Round Residence	Non-Participating	325966.22	322666.88	0:00	0	0:00	0
205	Year-Round Residence	Non-Participating	325978.97	322700.94	0:00	0	0:00	0
206	Year-Round Residence	Non-Participating	325963.05	322734.26	0:00	0	0:00	0
207	Year-Round Residence	Non-Participating	326012.30	322736.42	0:00	0	0:00	0
208	Year-Round Residence	Non-Participating	326002.32	322766.84	0:00	0	0:00	0
209	Year-Round Residence	Non-Participating	325989.38	322800.52	0:00	0	0:00	0
210	Year-Round Residence	Non-Participating	325940.04	322785.35	0:00	0	0:00	0
211	Year-Round Residence	Non-Participating	325929.00	322813.48	0:00	0	0:00	0
212	Year-Round Residence	Non-Participating	325976.43	322838.28	0:00	0	0:00	0
213	Year-Round Residence	Non-Participating	325920.05	322841.49	0:00	0	0:00	0
214	Year-Round Residence	Non-Participating	325959.23	322897.52	0:00	0	0:00	0
215	Year-Round Residence	Non-Participating	325996.76	322899.21	0:00	0	0:00	0
216	Year-Round Residence	Non-Participating	326031.60	322899.82	0:00	0	0:00	0
217	Year-Round Residence	Non-Participating	326035.96	322851.06	0:00	0	0:00	0
218	Year-Round Residence	Non-Participating	326067.37	322899.13	0:00	0	0:00	0
219	Year-Round Residence	Non-Participating	326094.56	322884.30	0:00	0	0:00	0
220	Year-Round Residence	Non-Participating	326109.80	322858.36	0:00	0	0:00	0
221	Year-Round Residence	Non-Participating	326128.03	322827.51	0:00	0	0:00	0
222	Year-Round Residence	Non-Participating	326071.83	322823.57	0:00	0	0:00	0
223	Year-Round Residence	Non-Participating	326087.69	322800.28	0:00	0	0:00	0
224	Year-Round Residence	Non-Participating	326146.78	322798.12	0:00	0	0:00	0
225	Year-Round Residence	Non-Participating	326160.23	322776.80	0:00	0	0:00	0
226	Year-Round Residence	Non-Participating	326109.75	322757.54	0:00	0	0:00	0
227	Year-Round Residence	Non-Participating	326084.61	322741.57	0:00	0	0:00	0
228	Year-Round Residence	Non-Participating	326056.12	322728.81	0:00	0	0:00	0
229	Year-Round Residence	Non-Participating	326078.93	322686.95	0:00	0	0:00	0
230	Year-Round Residence	Non-Participating	326251.05	322539.98	0:00	0	0:00	0
231	Year-Round Residence	Non-Participating	326253.25	322493.34	0:00	0	0:00	0
232	Year-Round Residence	Non-Participating	326212.36	322492.36	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
233	Year-Round Residence	Non-Participating	326249.71	322480.17	0:00	0	0:00	0
234	Year-Round Residence	Non-Participating	326214.01	322463.60	0:00	0	0:00	0
235	Year-Round Residence	Non-Participating	326213.45	322446.02	0:00	0	0:00	0
236	Year-Round Residence	Non-Participating	326199.53	322419.61	0:00	0	0:00	0
237	Year-Round Residence	Non-Participating	326304.35	322414.17	0:00	0	0:00	0
238	Year-Round Residence	Non-Participating	326327.43	322421.74	0:00	0	0:00	0
239	Year-Round Residence	Non-Participating	326397.02	322404.89	0:00	0	0:00	0
240	Year-Round Residence	Non-Participating	326432.58	322409.06	0:00	0	0:00	0
241	Year-Round Residence	Non-Participating	326460.49	322404.68	0:00	0	0:00	0
242	Year-Round Residence	Non-Participating	326529.08	322442.66	0:00	0	0:00	0
243	Year-Round Residence	Non-Participating	326504.26	322458.88	0:00	0	0:00	0
244	Year-Round Residence	Non-Participating	326453.62	322467.47	0:00	0	0:00	0
245	Year-Round Residence	Non-Participating	326489.87	322481.50	0:00	0	0:00	0
246	Year-Round Residence	Non-Participating	326442.42	322485.27	0:00	0	0:00	0
247	Year-Round Residence	Non-Participating	326479.68	322503.72	0:00	0	0:00	0
248	Year-Round Residence	Non-Participating	326426.41	322501.31	0:00	0	0:00	0
249	Year-Round Residence	Non-Participating	326456.19	322530.61	0:00	0	0:00	0
250	Year-Round Residence	Non-Participating	326466.70	322517.63	0:00	0	0:00	0
251	Year-Round Residence	Non-Participating	326416.00	322520.18	0:00	0	0:00	0
252	Year-Round Residence	Non-Participating	326227.00	322806.51	0:00	0	0:00	0
253	Year-Round Residence	Non-Participating	326210.33	322834.24	0:00	0	0:00	0
254	Year-Round Residence	Non-Participating	326195.41	322861.34	0:00	0	0:00	0
255	Year-Round Residence	Non-Participating	326177.72	322888.26	0:00	0	0:00	0
256	Year-Round Residence	Non-Participating	326191.78	322947.31	0:00	0	0:00	0
257	Year-Round Residence	Non-Participating	326150.47	323023.01	0:00	0	0:00	0
258	Year-Round Residence	Non-Participating	326109.80	323093.80	0:00	0	0:00	0
259	Year-Round Residence	Non-Participating	326072.00	323131.30	0:00	0	0:00	0
260	Year-Round Residence	Non-Participating	326035.11	323102.98	0:00	0	0:00	0
261	Year-Round Residence	Non-Participating	326056.55	323076.44	0:00	0	0:00	0
262	Year-Round Residence	Non-Participating	325970.90	323084.49	0:00	0	0:00	0
263	Year-Round Residence	Non-Participating	325936.56	323044.95	0:00	0	0:00	0
264	Year-Round Residence	Non-Participating	325904.31	323193.03	0:00	0	0:00	0
265	Year-Round Residence	Non-Participating	325943.43	323165.91	0:00	0	0:00	0
266	Year-Round Residence	Non-Participating	325688.94	323400.19	0:00	0	0:00	0
267	Year-Round Residence	Non-Participating	325817.19	323510.11	0:00	0	0:00	0
268	Year-Round Residence	Non-Participating	326764.17	322468.57	0:00	0	0:00	0
269	Year-Round Residence	Non-Participating	326667.97	322524.18	0:00	0	0:00	0
270	Year-Round Residence	Non-Participating	326667.19	322500.74	0:00	0	0:00	0
271	Year-Round Residence	Non-Participating	326667.43	322475.48	0:00	0	0:00	0
272	Year-Round Residence	Non-Participating	326772.46	322375.42	0:00	0	0:00	0
273	Year-Round Residence	Non-Participating	326794.69	322378.47	0:00	0	0:00	0
274	Year-Round Residence	Non-Participating	326835.43	322373.90	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
275	Year-Round Residence	Non-Participating	326857.51	322364.40	0:00	0	0:00	0
276	Year-Round Residence	Non-Participating	327017.05	322368.48	0:00	0	0:00	0
277	Year-Round Residence	Non-Participating	327014.10	322408.47	0:00	0	0:00	0
278	Year-Round Residence	Non-Participating	327070.14	322361.95	0:00	0	0:00	0
279	Year-Round Residence	Non-Participating	327064.61	322406.58	0:00	0	0:00	0
280	Year-Round Residence	Non-Participating	327062.33	322434.71	0:00	0	0:00	0
281	Year-Round Residence	Non-Participating	327012.01	322453.20	0:00	0	0:00	0
282	Year-Round Residence	Non-Participating	327052.19	322456.35	0:00	0	0:00	0
283	Year-Round Residence	Non-Participating	327011.15	322470.72	0:00	0	0:00	0
284	Year-Round Residence	Non-Participating	327049.08	322486.06	0:00	0	0:00	0
285	Year-Round Residence	Non-Participating	327006.93	322488.90	0:00	0	0:00	0
286	Year-Round Residence	Non-Participating	327009.30	322509.29	0:00	0	0:00	0
287	Year-Round Residence	Non-Participating	327049.92	322507.28	0:00	0	0:00	0
288	Year-Round Residence	Non-Participating	327047.19	322527.68	0:00	0	0:00	0
289	Year-Round Residence	Non-Participating	327010.17	322539.49	0:00	0	0:00	0
290	Year-Round Residence	Non-Participating	327048.54	322557.17	0:00	0	0:00	0
291	Year-Round Residence	Non-Participating	327008.82	322564.09	0:00	0	0:00	0
292	Year-Round Residence	Non-Participating	327007.63	322604.11	0:00	0	0:00	0
293	Year-Round Residence	Non-Participating	327045.16	322605.78	0:00	0	0:00	0
294	Year-Round Residence	Non-Participating	327036.80	322645.48	0:00	0	0:00	0
295	Year-Round Residence	Non-Participating	326993.27	322655.28	0:00	0	0:00	0
296	Year-Round Residence	Non-Participating	326996.76	322700.81	0:00	0	0:00	0
297	Year-Round Residence	Non-Participating	327036.11	322748.56	0:00	0	0:00	0
298	Year-Round Residence	Non-Participating	327035.61	322730.62	0:00	0	0:00	0
299	Year-Round Residence	Non-Participating	327000.50	322800.86	0:00	0	0:00	0
300	Year-Round Residence	Non-Participating	326998.44	322835.24	0:00	0	0:00	0
301	Year-Round Residence	Non-Participating	327005.40	322897.63	0:00	0	0:00	0
302	Year-Round Residence	Non-Participating	327001.16	322943.95	0:00	0	0:00	0
303	Year-Round Residence	Non-Participating	326998.03	322995.17	0:00	0	0:00	0
304	Year-Round Residence	Non-Participating	327057.28	322984.81	0:00	0	0:00	0
305	Year-Round Residence	Non-Participating	327063.23	323118.10	0:00	0	0:00	0
306	Year-Round Residence	Non-Participating	327084.97	322277.60	0:00	0	0:00	0
307	Year-Round Residence	Non-Participating	327101.06	322276.03	0:00	0	0:00	0
308	Year-Round Residence	Non-Participating	327092.26	322255.75	0:00	0	0:00	0
309	Year-Round Residence	Non-Participating	327118.07	322271.47	0:00	0	0:00	0
310	Year-Round Residence	Non-Participating	327107.75	322199.90	0:00	0	0:00	0
311	Year-Round Residence	Non-Participating	327113.54	322169.88	0:00	0	0:00	0
312	Year-Round Residence	Non-Participating	327123.78	322147.08	0:00	0	0:00	0
313	Year-Round Residence	Non-Participating	327125.02	322122.95	0:00	0	0:00	0
314	Year-Round Residence	Non-Participating	327158.31	322084.68	0:00	0	0:00	0
315	Year-Round Residence	Non-Participating	327160.79	322017.54	0:00	0	0:00	0
316	Year-Round Residence	Non-Participating	327165.20	321991.53	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
317	Year-Round Residence	Non-Participating	327185.01	321918.60	0:00	0	0:00	0
318	Year-Round Residence	Non-Participating	327132.91	322274.37	0:00	0	0:00	0
319	Year-Round Residence	Non-Participating	327162.34	322271.36	0:00	0	0:00	0
320	Year-Round Residence	Non-Participating	327114.11	322352.00	0:00	0	0:00	0
321	Year-Round Residence	Non-Participating	327132.91	322345.07	0:00	0	0:00	0
322	Year-Round Residence	Non-Participating	327148.05	322342.39	0:00	0	0:00	0
323	Year-Round Residence	Non-Participating	327168.67	322343.92	0:00	0	0:00	0
324	Year-Round Residence	Non-Participating	327202.22	322336.59	0:00	0	0:00	0
325	Year-Round Residence	Non-Participating	327319.35	322328.27	0:00	0	0:00	0
326	Year-Round Residence	Non-Participating	327273.31	322243.51	0:00	0	0:00	0
327	Year-Round Residence	Non-Participating	327224.69	322185.11	0:00	0	0:00	0
328	Year-Round Residence	Non-Participating	327289.47	322184.90	0:00	0	0:00	0
329	Year-Round Residence	Non-Participating	327295.13	322148.05	0:00	0	0:00	0
330	Year-Round Residence	Non-Participating	327247.53	322107.59	0:00	0	0:00	0
331	Year-Round Residence	Non-Participating	327297.36	322088.44	0:00	0	0:00	0
332	Year-Round Residence	Non-Participating	327247.87	322075.51	0:00	0	0:00	0
333	Year-Round Residence	Non-Participating	327295.30	322051.27	0:00	0	0:00	0
334	Year-Round Residence	Non-Participating	327246.89	322042.21	0:00	0	0:00	0
335	Year-Round Residence	Non-Participating	327239.89	321980.71	0:00	0	0:00	0
336	Year-Round Residence	Non-Participating	327294.91	322020.27	0:00	0	0:00	0
337	Year-Round Residence	Non-Participating	327295.96	321998.04	0:00	0	0:00	0
338	Year-Round Residence	Non-Participating	327317.86	322402.15	0:00	0	0:00	0
339	Year-Round Residence	Non-Participating	327355.37	322379.77	0:00	0	0:00	0
340	Year-Round Residence	Non-Participating	327387.67	322332.34	0:00	0	0:00	0
341	Year-Round Residence	Non-Participating	327436.74	322398.18	0:00	0	0:00	0
342	Year-Round Residence	Non-Participating	327487.04	322406.38	0:00	0	0:00	0
343	Year-Round Residence	Non-Participating	327439.61	322343.42	0:00	0	0:00	0
344	Year-Round Residence	Non-Participating	327578.97	322416.61	0:00	0	0:00	0
345	Year-Round Residence	Non-Participating	327671.56	322409.46	0:00	0	0:00	0
346	Year-Round Residence	Non-Participating	327708.66	322385.94	0:00	0	0:00	0
347	Year-Round Residence	Non-Participating	327737.69	322342.00	0:00	0	0:00	0
348	Year-Round Residence	Non-Participating	327518.29	322232.30	0:00	0	0:00	0
349	Year-Round Residence	Non-Participating	327593.63	322175.43	0:00	0	0:00	0
350	Year-Round Residence	Non-Participating	327774.36	322239.03	0:00	0	0:00	0
351	Year-Round Residence	Non-Participating	327864.16	322252.21	0:00	0	0:00	0
352	Year-Round Residence	Non-Participating	327826.81	322403.84	0:00	0	0:00	0
353	Year-Round Residence	Non-Participating	327746.85	322493.71	0:00	0	0:00	0
354	Year-Round Residence	Non-Participating	327758.44	322544.07	0:00	0	0:00	0
355	Year-Round Residence	Non-Participating	327784.93	322350.08	0:00	0	0:00	0
356	Year-Round Residence	Non-Participating	327875.00	322466.16	0:00	0	0:00	0
357	Year-Round Residence	Non-Participating	327741.07	322620.50	0:00	0	0:00	0
358	Year-Round Residence	Non-Participating	328115.21	322400.23	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
359	Year-Round Residence	Non-Participating	328080.29	322374.43	0:00	0	0:00	0
360	Year-Round Residence	Non-Participating	328167.59	322441.83	0:00	0	0:00	0
361	Year-Round Residence	Non-Participating	328245.38	322456.12	0:00	0	0:00	0
362	Year-Round Residence	Non-Participating	328243.96	322366.18	0:00	0	0:00	0
363	Year-Round Residence	Non-Participating	328505.63	322591.87	0:00	0	0:00	0
364	Year-Round Residence	Non-Participating	328604.56	322462.73	0:00	0	0:00	0
365	Year-Round Residence	Non-Participating	328657.15	322615.95	0:00	0	0:00	0
366	Year-Round Residence	Non-Participating	328591.63	322598.68	0:00	0	0:00	0
367	Year-Round Residence	Non-Participating	328730.35	322476.93	0:00	0	0:00	0
368	Year-Round Residence	Non-Participating	328765.82	322449.94	0:00	0	0:00	0
369	Year-Round Residence	Non-Participating	328804.74	322411.32	0:00	0	0:00	0
370	Year-Round Residence	Non-Participating	329071.43	322221.22	0:00	0	0:00	0
371	Year-Round Residence	Non-Participating	329113.31	322215.70	0:00	0	0:00	0
372	Year-Round Residence	Non-Participating	329262.00	322182.15	0:00	0	0:00	0
373	Year-Round Residence	Non-Participating	329215.75	322259.64	0:00	0	0:00	0
374	Year-Round Residence	Non-Participating	329242.99	322252.10	0:00	0	0:00	0
375	Year-Round Residence	Non-Participating	329546.99	322190.42	0:00	0	0:00	0
376	Year-Round Residence	Non-Participating	329633.74	322049.85	0:00	0	0:00	0
377	Year-Round Residence	Non-Participating	329680.48	322018.00	0:00	0	0:00	0
378	Year-Round Residence	Non-Participating	329887.83	321957.02	0:00	0	0:00	0
379	Year-Round Residence	Non-Participating	329943.11	321669.34	0:00	0	0:00	0
380	Year-Round Residence	Non-Participating	329902.24	321543.82	0:00	0	0:00	0
381	Year-Round Residence	Non-Participating	329960.18	321479.68	0:00	0	0:00	0
382	Year-Round Residence	Non-Participating	330037.86	321542.29	0:00	0	0:00	0
383	Year-Round Residence	Non-Participating	328668.88	320701.85	0:00	0	0:00	0
384	Year-Round Residence	Non-Participating	325747.82	322512.27	0:00	0	0:00	0
385	Year-Round Residence	Non-Participating	325691.36	322432.79	0:00	0	0:00	0
386	Year-Round Residence	Non-Participating	325362.64	322473.94	0:00	0	0:00	0
387	Year-Round Residence	Non-Participating	325260.28	322501.80	0:00	0	0:00	0
388	Year-Round Residence	Non-Participating	325202.18	322562.82	0:00	0	0:00	0
389	Year-Round Residence	Non-Participating	325221.35	322646.99	0:00	0	0:00	0
390	Year-Round Residence	Non-Participating	325131.89	322598.09	0:00	0	0:00	0
391	Year-Round Residence	Non-Participating	325085.68	322631.06	0:00	0	0:00	0
392	Year-Round Residence	Non-Participating	325035.21	322647.49	0:00	0	0:00	0
393	Year-Round Residence	Non-Participating	324888.97	322796.77	0:00	0	0:00	0
395	Year-Round Residence	Non-Participating	324475.83	322913.65	0:00	0	0:00	0
396	Year-Round Residence	Non-Participating	324407.34	322935.86	0:00	0	0:00	0
397	Year-Round Residence	Non-Participating	324446.86	322724.30	0:00	0	0:00	0
398	Year-Round Residence	Non-Participating	324572.41	322733.08	0:00	0	0:00	0
399	Year-Round Residence	Non-Participating	324536.65	322669.04	0:00	0	0:00	0
400	Year-Round Residence	Non-Participating	324387.22	322517.43	0:00	0	0:00	0
401	Year-Round Residence	Non-Participating	324427.60	322410.56	0:00	0	0:00	0



Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
402	Year-Round Residence	Non-Participating	324386.26	322459.87	0:00	0	0:00	0
403	Year-Round Residence	Non-Participating	324348.99	322205.28	0:00	0	0:00	0
404	Year-Round Residence	Non-Participating	324459.52	322181.24	0:00	0	0:00	0
405	Year-Round Residence	Non-Participating	324372.32	321726.74	0:00	0	0:00	0
406	Year-Round Residence	Non-Participating	324464.71	321669.41	0:00	0	0:00	0
407	Year-Round Residence	Non-Participating	324450.11	321630.16	0:00	0	0:00	0
408	Year-Round Residence	Non-Participating	324352.67	321602.86	0:00	0	0:00	0
409	Year-Round Residence	Non-Participating	324306.07	321611.73	0:00	0	0:00	0
410	Year-Round Residence	Non-Participating	324361.75	321305.73	0:00	0	0:00	0
411	Year-Round Residence	Non-Participating	324279.94	321352.65	0:00	0	0:00	0
413	Year-Round Residence	Non-Participating	323942.85	321399.04	0:00	0	0:00	0
414	Year-Round Residence	Non-Participating	324501.52	321125.51	0:00	0	0:00	0
415	Year-Round Residence	Non-Participating	324752.92	320946.95	0:00	0	0:00	0
416	Year-Round Residence	Non-Participating	324684.12	320689.00	0:00	0	0:00	0
417	Year-Round Residence	Non-Participating	324760.65	320664.49	0:00	0	0:00	0
418	Year-Round Residence	Non-Participating	324945.95	321020.41	0:00	0	0:00	0
419	Year-Round Residence	Non-Participating	325245.51	321354.16	0:00	0	0:00	0
420	Year-Round Residence	Non-Participating	325140.17	321415.46	0:00	0	0:00	0
421	Year-Round Residence	Non-Participating	325273.19	321558.66	0:00	0	0:00	0
422	Year-Round Residence	Non-Participating	325171.43	321725.60	0:00	0	0:00	0
423	Year-Round Residence	Non-Participating	325059.93	321691.52	0:00	0	0:00	0
424	Year-Round Residence	Non-Participating	324976.24	321671.63	0:00	0	0:00	0
425	Year-Round Residence	Non-Participating	324901.86	321672.93	0:00	0	0:00	0
426	Year-Round Residence	Non-Participating	324870.24	321730.51	0:00	0	0:00	0
427	Year-Round Residence	Non-Participating	324705.38	321796.47	0:00	0	0:00	0
428	Year-Round Residence	Non-Participating	325411.66	321661.95	0:00	0	0:00	0
429	Year-Round Residence	Non-Participating	325467.09	321646.17	0:00	0	0:00	0
430	Year-Round Residence	Non-Participating	325612.56	321530.12	0:00	0	0:00	0
431	Year-Round Residence	Non-Participating	325714.35	321444.97	0:00	0	0:00	0
432	Year-Round Residence	Non-Participating	324202.08	322439.62	0:00	0	0:00	0
433	Year-Round Residence	Non-Participating	324165.19	322499.02	0:00	0	0:00	0
434	Year-Round Residence	Non-Participating	324085.25	322502.38	0:00	0	0:00	0
435	Year-Round Residence	Non-Participating	324004.12	322420.23	0:00	0	0:00	0
436	Year-Round Residence	Non-Participating	324053.58	322673.73	0:00	0	0:00	0
437	Year-Round Residence	Non-Participating	323896.71	322619.92	0:00	0	0:00	0
438	Year-Round Residence	Non-Participating	323774.65	322524.35	0:00	0	0:00	0
439	Year-Round Residence	Non-Participating	323707.95	322516.51	0:00	0	0:00	0
440	Year-Round Residence	Non-Participating	323304.56	322386.97	0:00	0	0:00	0
441	Year-Round Residence	Non-Participating	323114.67	322510.49	0:00	0	0:00	0
442	Year-Round Residence	Non-Participating	323207.32	322624.29	0:00	0	0:00	0
443	Year-Round Residence	Non-Participating	324004.61	323147.13	0:00	0	0:00	0
444	Year-Round Residence	Non-Participating	324049.94	323026.37	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
445	Year-Round Residence	Non-Participating	323933.25	323033.44	0:00	0	0:00	0
446	Year-Round Residence	Non-Participating	323780.69	323004.00	0:00	0	0:00	0
447	Year-Round Residence	Non-Participating	323873.40	323154.64	0:00	0	0:00	0
448	Year-Round Residence	Non-Participating	323550.58	323099.41	0:00	0	0:00	0
449	Year-Round Residence	Non-Participating	323317.56	323288.56	0:00	0	0:00	0
452	Year-Round Residence	Non-Participating	322888.01	323483.97	0:00	0	0:00	0
456	Year-Round Residence	Non-Participating	329977.58	321900.83	0:00	0	0:00	0
457	Year-Round Residence	Non-Participating	329948.82	321900.18	0:00	0	0:00	0
458	Year-Round Residence	Non-Participating	329905.24	322409.79	0:00	0	0:00	0
459	Year-Round Residence	Non-Participating	329939.53	322642.37	0:00	0	0:00	0
460	Year-Round Residence	Non-Participating	329857.45	322954.04	0:00	0	0:00	0
461	Year-Round Residence	Non-Participating	329984.68	323336.66	0:00	0	0:00	0
463	Year-Round Residence	Non-Participating	329945.77	323417.71	0:00	0	0:00	0
464	Year-Round Residence	Non-Participating	330011.66	323421.52	0:00	0	0:00	0
465	Year-Round Residence	Non-Participating	330330.72	323227.03	0:00	0	0:00	0
466	Year-Round Residence	Non-Participating	330332.33	322871.69	0:00	0	0:00	0
467	Year-Round Residence	Non-Participating	330441.67	322861.44	0:00	0	0:00	0
468	Year-Round Residence	Non-Participating	330083.48	323608.56	0:00	0	0:00	0
469	Year-Round Residence	Non-Participating	330003.59	323684.98	0:00	0	0:00	0
470	Year-Round Residence	Non-Participating	330027.36	323878.58	0:00	0	0:00	0
471	Year-Round Residence	Non-Participating	330020.19	323990.33	0:00	0	0:00	0
472	Year-Round Residence	Non-Participating	330136.74	324043.02	0:00	0	0:00	0
473	Year-Round Residence	Non-Participating	329949.10	324269.09	0:00	0	0:00	0
474	Year-Round Residence	Non-Participating	330124.85	324574.71	0:00	0	0:00	0
475	Year-Round Residence	Non-Participating	330085.38	324828.88	0:00	0	0:00	0
476	Year-Round Residence	Non-Participating	330115.34	324892.78	0:00	0	0:00	0
477	Year-Round Residence	Non-Participating	330103.04	324933.39	0:00	0	0:00	0
478	Year-Round Residence	Non-Participating	330086.62	325001.42	0:00	0	0:00	0
479	Year-Round Residence	Non-Participating	330079.64	325047.71	0:00	0	0:00	0
480	Year-Round Residence	Non-Participating	329997.46	325045.73	0:00	0	0:00	0
482	Year-Round Residence	Non-Participating	330113.43	325099.39	0:00	0	0:00	0
483	Year-Round Residence	Non-Participating	330134.52	325086.91	0:00	0	0:00	0
485	Year-Round Residence	Non-Participating	330018.53	325123.85	0:00	0	0:00	0
486	Year-Round Residence	Non-Participating	330018.26	325137.96	0:00	0	0:00	0
487	Year-Round Residence	Non-Participating	330059.68	325166.72	0:00	0	0:00	0
488	Year-Round Residence	Non-Participating	330013.69	325173.69	0:00	0	0:00	0
489	Year-Round Residence	Non-Participating	330008.05	325238.32	0:00	0	0:00	0
490	Year-Round Residence	Non-Participating	330049.72	325214.38	0:00	0	0:00	0
492	Year-Round Residence	Non-Participating	330026.74	325413.79	0:00	0	0:00	0
493	Year-Round Residence	Non-Participating	330099.09	325334.14	0:00	0	0:00	0
494	Year-Round Residence	Non-Participating	330129.64	325363.92	0:00	0	0:00	0
495	Year-Round Residence	Non-Participating	330088.31	325520.28	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
496	Year-Round Residence	Non-Participating	330133.94	325713.33	0:00	0	0:00	0
497	Year-Round Residence	Non-Participating	330131.85	325852.80	0:00	0	0:00	0
498	Year-Round Residence	Non-Participating	330634.49	326436.65	0:00	0	0:00	0
499	Year-Round Residence	Non-Participating	330209.52	325108.52	0:00	0	0:00	0
500	Year-Round Residence	Non-Participating	330550.59	325053.24	0:00	0	0:00	0
501	Year-Round Residence	Non-Participating	331113.94	325036.38	0:00	0	0:00	0
502	Year-Round Residence	Non-Participating	331081.03	325125.58	0:00	0	0:00	0
503	Year-Round Residence	Non-Participating	331043.77	324903.13	0:00	0	0:00	0
504	Year-Round Residence	Non-Participating	330005.17	323534.69	0:00	0	0:00	0
505	Year-Round Residence	Non-Participating	329868.36	323565.09	0:00	0	0:00	0
506	Year-Round Residence	Non-Participating	329347.94	323933.87	0:00	0	0:00	0
507	Year-Round Residence	Non-Participating	329261.79	324196.51	0:00	0	0:00	0
512	Year-Round Residence	Non-Participating	328047.11	323631.85	0:00	0	0:00	0
513	Year-Round Residence	Non-Participating	328120.53	323632.51	0:00	0	0:00	0
514	Year-Round Residence	Non-Participating	328089.58	323546.51	0:00	0	0:00	0
515	Year-Round Residence	Non-Participating	328484.82	323537.93	0:00	0	0:00	0
517	Year-Round Residence	Non-Participating	328845.65	323707.96	0:00	0	0:00	0
518	Year-Round Residence	Non-Participating	329095.79	323724.23	0:00	0	0:00	0
519	Year-Round Residence	Non-Participating	329151.41	324162.39	0:00	0	0:00	0
520	Year-Round Residence	Non-Participating	329226.49	324277.09	0:00	0	0:00	0
521	Year-Round Residence	Non-Participating	329479.82	324404.19	0:00	0	0:00	0
522	Year-Round Residence	Non-Participating	329505.25	324598.68	0:00	0	0:00	0
523	Year-Round Residence	Non-Participating	329552.43	324699.69	0:00	0	0:00	0
524	Year-Round Residence	Non-Participating	329811.75	325017.99	0:00	0	0:00	0
526	Year-Round Residence	Non-Participating	328948.12	324656.34	0:00	0	0:00	0
533	Year-Round Residence	Non-Participating	329056.75	325208.36	0:00	0	0:00	0
534	Year-Round Residence	Non-Participating	329104.31	325224.48	0:00	0	0:00	0
535	Year-Round Residence	Non-Participating	329171.23	325228.41	0:00	0	0:00	0
536	Year-Round Residence	Non-Participating	329416.20	325057.07	0:00	0	0:00	0
538	Year-Round Residence	Non-Participating	326996.77	323448.82	0:00	0	0:00	0
558	Year-Round Residence	Non-Participating	327981.66	325844.33	0:00	0	0:00	0
559	Year-Round Residence	Non-Participating	328020.08	326073.13	0:00	0	0:00	0
560	Year-Round Residence	Non-Participating	327572.80	326269.47	0:00	0	0:00	0
561	Year-Round Residence	Non-Participating	327421.78	326374.56	0:00	0	0:00	0
562	Year-Round Residence	Non-Participating	327466.54	326447.32	0:00	0	0:00	0
563	Year-Round Residence	Non-Participating	327098.61	326609.78	0:00	0	0:00	0
564	Year-Round Residence	Non-Participating	327018.60	326644.87	0:00	0	0:00	0
565	Year-Round Residence	Non-Participating	327038.44	326770.60	0:00	0	0:00	0
566	Year-Round Residence	Non-Participating	326830.62	326745.87	0:00	0	0:00	0
567	Year-Round Residence	Non-Participating	326755.68	326841.46	0:00	0	0:00	0
568	Year-Round Residence	Non-Participating	326594.75	326866.98	0:00	0	0:00	0
569	Year-Round Residence	Non-Participating	326506.05	326868.43	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
570	Year-Round Residence	Non-Participating	326639.50	326964.12	0:00	0	0:00	0
571	Year-Round Residence	Non-Participating	326564.98	327009.89	0:00	0	0:00	0
572	Year-Round Residence	Non-Participating	326701.57	327022.18	0:00	0	0:00	0
573	Year-Round Residence	Non-Participating	326607.05	327077.44	0:00	0	0:00	0
574	Year-Round Residence	Non-Participating	326739.57	327093.25	0:00	0	0:00	0
575	Year-Round Residence	Non-Participating	326855.73	327172.07	0:00	0	0:00	0
576	Year-Round Residence	Non-Participating	326659.48	327221.49	0:00	0	0:00	0
577	Year-Round Residence	Non-Participating	326775.48	327244.34	0:00	0	0:00	0
578	Year-Round Residence	Non-Participating	326695.98	327292.67	0:00	0	0:00	0
579	Year-Round Residence	Non-Participating	326792.03	327297.26	0:00	0	0:00	0
580	Year-Round Residence	Non-Participating	326896.33	327387.16	0:00	0	0:00	0
581	Year-Round Residence	Non-Participating	326908.21	327453.02	0:00	0	0:00	0
582	Year-Round Residence	Non-Participating	328464.84	322714.81	0:00	0	0:00	0
583	Year-Round Residence	Non-Participating	328548.86	322814.99	0:00	0	0:00	0
584	Year-Round Residence	Non-Participating	328501.26	322867.24	0:00	0	0:00	0
585	Year-Round Residence	Non-Participating	328475.00	323052.29	0:00	0	0:00	0
586	Year-Round Residence	Non-Participating	330070.41	326271.36	0:00	0	0:00	0
587	Year-Round Residence	Non-Participating	329980.77	326335.86	0:00	0	0:00	0
588	Year-Round Residence	Non-Participating	329865.75	326348.73	0:00	0	0:00	0
590	Year-Round Residence	Non-Participating	329909.52	326586.66	0:00	0	0:00	0
591	Year-Round Residence	Non-Participating	329674.57	326862.50	0:00	0	0:00	0
592	Year-Round Residence	Non-Participating	329741.46	327247.66	0:00	0	0:00	0
593	Year-Round Residence	Non-Participating	329667.33	327452.83	0:00	0	0:00	0
594	Year-Round Residence	Non-Participating	329786.61	327570.30	0:00	0	0:00	0
595	Year-Round Residence	Non-Participating	329659.26	327523.82	0:00	0	0:00	0
596	Year-Round Residence	Non-Participating	329665.46	327778.01	0:00	0	0:00	0
597	Year-Round Residence	Non-Participating	329876.60	327713.09	0:00	0	0:00	0
598	Year-Round Residence	Non-Participating	329690.66	326380.12	0:00	0	0:00	0
599	Year-Round Residence	Non-Participating	329493.20	326408.86	0:00	0	0:00	0
600	Year-Round Residence	Non-Participating	329088.24	326818.38	0:00	0	0:00	0
601	Year-Round Residence	Non-Participating	328838.10	327314.44	0:00	0	0:00	0
603	Year-Round Residence	Non-Participating	328540.83	327937.99	0:00	0	0:00	0
604	Year-Round Residence	Non-Participating	328548.14	328125.00	0:00	0	0:00	0
605	Year-Round Residence	Non-Participating	328511.74	328266.48	0:00	0	0:00	0
606	Year-Round Residence	Non-Participating	328475.05	328349.28	0:00	0	0:00	0
607	Year-Round Residence	Non-Participating	328476.55	328401.65	0:00	0	0:00	0
608	Year-Round Residence	Non-Participating	328381.01	328457.39	0:00	0	0:00	0
609	Year-Round Residence	Non-Participating	327895.13	327465.04	0:00	0	0:00	0
610	Year-Round Residence	Non-Participating	327415.20	327653.33	0:00	0	0:00	0
611	Year-Round Residence	Non-Participating	327588.98	327484.75	0:00	0	0:00	0
612	Year-Round Residence	Non-Participating	327835.02	327094.72	0:00	0	0:00	0
613	Year-Round Residence	Non-Participating	327781.47	327118.13	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
614	Year-Round Residence	Non-Participating	327762.70	327142.24	0:00	0	0:00	0
615	Year-Round Residence	Non-Participating	327678.01	326917.60	0:00	0	0:00	0
616	Year-Round Residence	Non-Participating	327470.70	326839.66	0:00	0	0:00	0
621	Year-Round Residence	Non-Participating	326701.99	326079.42	0:00	0	0:00	0
622	Year-Round Residence	Non-Participating	326602.66	326054.42	0:00	0	0:00	0
623	Year-Round Residence	Non-Participating	326586.41	326168.23	0:00	0	0:00	0
624	Year-Round Residence	Non-Participating	326584.79	326238.63	0:00	0	0:00	0
625	Year-Round Residence	Non-Participating	326411.39	326280.73	0:00	0	0:00	0
626	Year-Round Residence	Non-Participating	326477.82	326395.59	0:00	0	0:00	0
627	Year-Round Residence	Non-Participating	326441.62	326451.40	0:00	0	0:00	0
628	Year-Round Residence	Non-Participating	326401.74	326599.84	0:00	0	0:00	0
629	Year-Round Residence	Non-Participating	326481.82	326785.91	0:00	0	0:00	0
630	Year-Round Residence	Non-Participating	326414.92	326914.05	0:00	0	0:00	0
631	Year-Round Residence	Non-Participating	326326.64	326919.04	0:00	0	0:00	0
632	Year-Round Residence	Non-Participating	326246.96	326933.13	0:00	0	0:00	0
633	Year-Round Residence	Non-Participating	326142.75	326931.26	0:00	0	0:00	0
634	Year-Round Residence	Non-Participating	325950.33	326982.90	0:00	0	0:00	0
635	Year-Round Residence	Non-Participating	325740.63	327009.10	0:00	0	0:00	0
636	Year-Round Residence	Non-Participating	325672.13	327507.94	0:00	0	0:00	0
637	Year-Round Residence	Non-Participating	325700.00	327630.91	0:00	0	0:00	0
638	Year-Round Residence	Non-Participating	325672.34	328040.57	0:00	0	0:00	0
639	Year-Round Residence	Non-Participating	325746.08	328063.11	0:00	0	0:00	0
640	Year-Round Residence	Non-Participating	325691.72	328124.28	0:00	0	0:00	0
641	Year-Round Residence	Non-Participating	325711.11	328221.86	0:00	0	0:00	0
642	Year-Round Residence	Non-Participating	325744.19	328336.83	0:00	0	0:00	0
643	Year-Round Residence	Non-Participating	325674.29	328375.31	0:00	0	0:00	0
644	Year-Round Residence	Non-Participating	326012.20	328401.63	0:00	0	0:00	0
645	Year-Round Residence	Non-Participating	326152.27	328506.18	0:00	0	0:00	0
646	Year-Round Residence	Non-Participating	326113.01	328409.67	0:00	0	0:00	0
647	Year-Round Residence	Non-Participating	326212.02	328424.82	0:00	0	0:00	0
648	Year-Round Residence	Non-Participating	326318.65	328501.06	0:00	0	0:00	0
649	Year-Round Residence	Non-Participating	326410.82	328582.70	0:00	0	0:00	0
650	Year-Round Residence	Non-Participating	326493.76	328550.96	0:00	0	0:00	0
651	Year-Round Residence	Non-Participating	326851.80	328497.00	0:00	0	0:00	0
652	Year-Round Residence	Non-Participating	326613.69	328392.95	0:00	0	0:00	0
662	Year-Round Residence	Non-Participating	325969.48	325710.06	0:00	0	0:00	0
663	Year-Round Residence	Non-Participating	325700.57	326014.11	0:00	0	0:00	0
664	Year-Round Residence	Non-Participating	325743.82	326057.97	0:00	0	0:00	0
665	Year-Round Residence	Non-Participating	325751.65	326129.23	0:00	0	0:00	0
666	Year-Round Residence	Non-Participating	325754.69	326203.32	0:00	0	0:00	0
667	Year-Round Residence	Non-Participating	325736.82	326261.21	0:00	0	0:00	0
668	Year-Round Residence	Non-Participating	325744.91	326331.06	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
669	Year-Round Residence	Non-Participating	325747.75	326429.03	0:00	0	0:00	0
670	Year-Round Residence	Non-Participating	325750.08	326486.12	0:00	0	0:00	0
671	Year-Round Residence	Non-Participating	325854.60	326663.33	0:00	0	0:00	0
672	Year-Round Residence	Non-Participating	325425.65	326994.85	0:00	0	0:00	0
673	Year-Round Residence	Non-Participating	325104.03	327882.84	0:00	0	0:00	0
674	Year-Round Residence	Non-Participating	325016.17	327892.05	0:00	0	0:00	0
675	Year-Round Residence	Non-Participating	324942.80	328055.65	0:00	0	0:00	0
676	Year-Round Residence	Non-Participating	324115.74	328036.99	0:00	0	0:00	0
677	Year-Round Residence	Non-Participating	324313.27	327911.51	0:00	0	0:00	0
681	Year-Round Residence	Non-Participating	325155.76	326738.40	0:00	0	0:00	0
687	Year-Round Residence	Non-Participating	323607.51	327541.12	0:00	0	0:00	0
688	Year-Round Residence	Non-Participating	323634.85	327473.47	0:00	0	0:00	0
689	Year-Round Residence	Non-Participating	323667.47	327422.53	0:00	0	0:00	0
694	Year-Round Residence	Non-Participating	324022.63	326186.20	0:00	0	0:00	0
696	Year-Round Residence	Non-Participating	324194.77	325741.25	0:00	0	0:00	0
713	Year-Round Residence	Non-Participating	323281.10	323143.80	0:00	0	0:00	0
714	Seasonal Residence	Non-Participating	325745.16	321821.92	0:00	0	0:00	0
716	Seasonal Residence	Non-Participating	325343.12	327976.48	0:00	0	0:00	0
717	Seasonal Residence	Non-Participating	325366.04	327983.59	0:00	0	0:00	0
718	Seasonal Residence	Non-Participating	325345.23	327936.13	0:00	0	0:00	0
719	Seasonal Residence	Non-Participating	325377.89	327944.19	0:00	0	0:00	0
720	Seasonal Residence	Non-Participating	325400.21	327958.17	0:00	0	0:00	0
721	Seasonal Residence	Non-Participating	325356.06	327914.30	0:00	0	0:00	0
722	Seasonal Residence	Non-Participating	325371.98	327892.02	0:00	0	0:00	0
723	Seasonal Residence	Non-Participating	325400.05	327932.38	0:00	0	0:00	0
724	Seasonal Residence	Non-Participating	325402.60	327910.25	0:00	0	0:00	0
725	Seasonal Residence	Non-Participating	325418.02	327904.20	0:00	0	0:00	0
726	Seasonal Residence	Non-Participating	325409.08	327888.46	0:00	0	0:00	0
727	Seasonal Residence	Non-Participating	325419.54	327876.89	0:00	0	0:00	0
728	Seasonal Residence	Non-Participating	325413.45	328009.73	0:00	0	0:00	0
729	Seasonal Residence	Non-Participating	325393.45	327973.71	0:00	0	0:00	0
730	Seasonal Residence	Non-Participating	325454.06	328015.84	0:00	0	0:00	0
731	Seasonal Residence	Non-Participating	325480.37	328044.51	0:00	0	0:00	0
732	Seasonal Residence	Non-Participating	325490.48	328033.29	0:00	0	0:00	0
733	Seasonal Residence	Non-Participating	325471.95	328003.69	0:00	0	0:00	0
734	Seasonal Residence	Non-Participating	325483.03	327995.61	0:00	0	0:00	0
735	Seasonal Residence	Non-Participating	325547.38	328013.83	0:00	0	0:00	0
736	Seasonal Residence	Non-Participating	325563.23	328024.46	0:00	0	0:00	0
737	Seasonal Residence	Non-Participating	325516.86	328018.94	0:00	0	0:00	0
738	Seasonal Residence	Non-Participating	325514.02	328002.52	0:00	0	0:00	0
739	Seasonal Residence	Non-Participating	325531.43	327979.98	0:00	0	0:00	0
740	Seasonal Residence	Non-Participating	325629.78	328003.20	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
741	Seasonal Residence	Non-Participating	325543.56	327921.70	0:00	0	0:00	0
742	Seasonal Residence	Non-Participating	325596.85	327929.07	0:00	0	0:00	0
743	Seasonal Residence	Non-Participating	325583.77	327965.54	0:00	0	0:00	0
744	Seasonal Residence	Non-Participating	325602.10	327960.98	0:00	0	0:00	0
745	Seasonal Residence	Non-Participating	325561.30	327937.44	0:00	0	0:00	0
746	Seasonal Residence	Non-Participating	325446.29	328026.82	0:00	0	0:00	0
747	Seasonal Residence	Non-Participating	325658.48	328135.24	0:00	0	0:00	0
748	Seasonal Residence	Non-Participating	325661.48	326324.43	0:00	0	0:00	0
878	Year-Round Residence	Non-Participating	325945.81	326888.42	0:00	0	0:00	0
940	Year-Round Residence	Non-Participating	327613.59	320420.17	0:00	0	0:00	0
998	Year-Round Residence	Non-Participating	324166.93	321721.96	0:00	0	0:00	0
1003	Year-Round Residence	Non-Participating	324046.35	321189.46	0:00	0	0:00	0
1025	Year-Round Residence	Non-Participating	330339.16	322901.61	0:00	0	0:00	0
1122	Year-Round Residence	Non-Participating	325000.23	327144.27	0:00	0	0:00	0
1129	Year-Round Residence	Non-Participating	324047.36	325972.98	0:00	0	0:00	0
1144	Year-Round Residence	Non-Participating	325887.36	323375.87	0:00	0	0:00	0
1145	Year-Round Residence	Non-Participating	325890.11	323346.79	0:00	0	0:00	0
1147	Year-Round Residence	Non-Participating	329880.15	322685.06	0:00	0	0:00	0
1148	Year-Round Residence	Non-Participating	329952.55	325105.23	0:00	0	0:00	0
1152	Year-Round Residence	Non-Participating	328507.39	328156.85	0:00	0	0:00	0
1166	Year-Round Residence	Non-Participating	325724.92	327986.21	0:00	0	0:00	0
1167	Year-Round Residence	Non-Participating	326355.85	328616.48	0:00	0	0:00	0
1168	Year-Round Residence	Non-Participating	326482.93	326886.36	0:00	0	0:00	0
1169	Year-Round Residence	Non-Participating	326681.45	327386.34	0:00	0	0:00	0
1176	Year-Round Residence	Non-Participating	330335.09	324905.12	0:00	0	0:00	0
1177	Year-Round Residence	Non-Participating	330153.01	325466.87	0:00	0	0:00	0
1178	Year-Round Residence	Non-Participating	324583.88	320893.66	0:00	0	0:00	0
1179	Year-Round Residence	Non-Participating	327064.62	323283.95	0:00	0	0:00	0
1183	Year-Round Residence	Non-Participating	328511.02	322768.13	0:00	0	0:00	0
1275	Year-Round Residence	Non-Participating	322070.83	327704.69	0:00	0	0:00	0
1365	Year-Round Residence	Non-Participating	320539.86	330746.94	0:00	0	0:00	0
1406	Year-Round Residence	Non-Participating	319551.11	322646.06	0:00	0	0:00	0
1409	Year-Round Residence	Non-Participating	323113.39	320090.60	0:00	0	0:00	0
1419	Seasonal Residence	Non-Participating	313209.56	328767.83	0:00	0	0:00	0
1421	Seasonal Residence	Non-Participating	316258.35	332105.08	0:00	0	0:00	0
1422	Seasonal Residence	Non-Participating	317821.10	332559.73	0:00	0	0:00	0
1423	Seasonal Residence	Non-Participating	316491.12	329705.46	0:00	0	0:00	0
1425	Seasonal Residence	Non-Participating	313664.39	325982.83	0:00	0	0:00	0
1433	Seasonal Residence	Non-Participating	319901.71	329969.79	0:00	0	0:00	0
1434	Seasonal Residence	Non-Participating	323920.16	328604.23	0:00	0	0:00	0
1439	Year-Round Residence	Non-Participating	312967.76	326979.39	0:00	0	0:00	0
1440	Year-Round Residence	Non-Participating	313042.05	326949.42	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1441	Year-Round Residence	Non-Participating	313111.01	326969.73	0:00	0	0:00	0
1442	Year-Round Residence	Non-Participating	313191.15	327029.38	0:00	0	0:00	0
1443	Year-Round Residence	Non-Participating	313258.73	327007.33	0:00	0	0:00	0
1444	Year-Round Residence	Non-Participating	313377.60	327129.66	0:00	0	0:00	0
1445	Year-Round Residence	Non-Participating	313311.36	327194.05	0:00	0	0:00	0
1446	Year-Round Residence	Non-Participating	313174.86	327170.26	0:00	0	0:00	0
1447	Year-Round Residence	Non-Participating	313161.11	327222.95	0:00	0	0:00	0
1448	Year-Round Residence	Non-Participating	313125.99	327262.87	0:00	0	0:00	0
1449	Year-Round Residence	Non-Participating	313092.30	327319.27	0:00	0	0:00	0
1450	Year-Round Residence	Non-Participating	313053.96	327352.15	0:00	0	0:00	0
1451	Year-Round Residence	Non-Participating	313034.29	327397.98	0:00	0	0:00	0
1452	Year-Round Residence	Non-Participating	313120.41	327475.47	0:00	0	0:00	0
1453	Year-Round Residence	Non-Participating	312972.61	327495.45	0:00	0	0:00	0
1454	Year-Round Residence	Non-Participating	313196.59	326572.88	0:00	0	0:00	0
1455	Year-Round Residence	Non-Participating	313179.66	326499.26	0:00	0	0:00	0
1456	Year-Round Residence	Non-Participating	313272.81	326547.92	0:00	0	0:00	0
1457	Year-Round Residence	Non-Participating	313257.94	326470.93	0:00	0	0:00	0
1458	Year-Round Residence	Non-Participating	313346.76	326533.97	0:00	0	0:00	0
1459	Year-Round Residence	Non-Participating	313329.10	326450.26	0:00	0	0:00	0
1460	Year-Round Residence	Non-Participating	313406.02	326508.66	0:00	0	0:00	0
1461	Year-Round Residence	Non-Participating	313400.40	326413.17	0:00	0	0:00	0
1462	Year-Round Residence	Non-Participating	313345.60	326366.75	0:00	0	0:00	0
1463	Year-Round Residence	Non-Participating	313259.28	326356.70	0:00	0	0:00	0
1464	Year-Round Residence	Non-Participating	313197.06	326246.34	0:00	0	0:00	0
1465	Year-Round Residence	Non-Participating	313237.91	326133.43	0:00	0	0:00	0
1466	Year-Round Residence	Non-Participating	313431.39	326286.56	0:00	0	0:00	0
1467	Year-Round Residence	Non-Participating	313364.20	327216.23	0:00	0	0:00	0
1468	Year-Round Residence	Non-Participating	313481.86	327262.51	0:00	0	0:00	0
1469	Year-Round Residence	Non-Participating	313703.14	327291.26	0:00	0	0:00	0
1470	Year-Round Residence	Non-Participating	313751.46	327308.59	0:00	0	0:00	0
1471	Year-Round Residence	Non-Participating	313806.07	327415.41	0:00	0	0:00	0
1472	Year-Round Residence	Non-Participating	313917.19	327390.29	0:00	0	0:00	0
1473	Year-Round Residence	Non-Participating	313592.39	327089.79	0:00	0	0:00	0
1474	Year-Round Residence	Non-Participating	313638.97	327081.09	0:00	0	0:00	0
1475	Year-Round Residence	Non-Participating	313699.78	327128.42	0:00	0	0:00	0
1476	Year-Round Residence	Non-Participating	313783.15	327128.53	0:00	0	0:00	0
1477	Year-Round Residence	Non-Participating	313722.90	327044.75	0:00	0	0:00	0
1478	Year-Round Residence	Non-Participating	313779.01	327056.60	0:00	0	0:00	0
1479	Year-Round Residence	Non-Participating	313828.68	327039.61	0:00	0	0:00	0
1480	Year-Round Residence	Non-Participating	313842.30	327129.09	0:00	0	0:00	0
1481	Year-Round Residence	Non-Participating	313910.71	327136.72	0:00	0	0:00	0
1482	Year-Round Residence	Non-Participating	313924.65	327021.49	0:00	0	0:00	0



Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1483	Year-Round Residence	Non-Participating	314253.38	327418.18	0:00	0	0:00	0
1484	Year-Round Residence	Non-Participating	314297.96	327484.44	0:00	0	0:00	0
1485	Year-Round Residence	Non-Participating	314248.18	327650.62	0:00	0	0:00	0
1486	Year-Round Residence	Non-Participating	314162.36	327635.89	0:00	0	0:00	0
1487	Year-Round Residence	Non-Participating	314002.12	327458.34	0:00	0	0:00	0
1488	Year-Round Residence	Non-Participating	313970.42	327505.32	0:00	0	0:00	0
1489	Year-Round Residence	Non-Participating	313980.93	327557.55	0:00	0	0:00	0
1490	Year-Round Residence	Non-Participating	313943.32	327914.61	0:00	0	0:00	0
1491	Year-Round Residence	Non-Participating	313932.71	327989.83	0:00	0	0:00	0
1493	Year-Round Residence	Non-Participating	313815.68	328474.02	0:00	0	0:00	0
1494	Year-Round Residence	Non-Participating	313721.93	328454.62	0:00	0	0:00	0
1496	Year-Round Residence	Non-Participating	313628.66	329025.75	0:00	0	0:00	0
1497	Year-Round Residence	Non-Participating	313697.09	329799.65	0:00	0	0:00	0
1498	Year-Round Residence	Non-Participating	313687.67	330025.45	0:00	0	0:00	0
1499	Year-Round Residence	Non-Participating	313601.18	330082.10	0:00	0	0:00	0
1500	Year-Round Residence	Non-Participating	313413.64	330010.49	0:00	0	0:00	0
1501	Year-Round Residence	Non-Participating	313829.25	330028.78	0:00	0	0:00	0
1502	Year-Round Residence	Non-Participating	313964.92	330096.38	0:00	0	0:00	0
1503	Year-Round Residence	Non-Participating	313999.76	330029.11	0:00	0	0:00	0
1504	Year-Round Residence	Non-Participating	314067.00	330034.76	0:00	0	0:00	0
1505	Year-Round Residence	Non-Participating	314035.46	330085.76	0:00	0	0:00	0
1506	Year-Round Residence	Non-Participating	314260.71	330096.96	0:00	0	0:00	0
1507	Year-Round Residence	Non-Participating	314285.14	330021.87	0:00	0	0:00	0
1508	Year-Round Residence	Non-Participating	314451.52	330019.85	0:00	0	0:00	0
1509	Year-Round Residence	Non-Participating	314533.04	330027.50	0:00	0	0:00	0
1511	Year-Round Residence	Non-Participating	314932.90	330000.03	0:00	0	0:00	0
1512	Year-Round Residence	Non-Participating	315001.78	330054.61	0:00	0	0:00	0
1513	Year-Round Residence	Non-Participating	314997.99	329999.36	0:00	0	0:00	0
1514	Year-Round Residence	Non-Participating	315010.48	329939.82	0:00	0	0:00	0
1515	Year-Round Residence	Non-Participating	315011.59	330199.68	0:00	0	0:00	0
1516	Year-Round Residence	Non-Participating	315009.83	330268.05	0:00	0	0:00	0
1517	Year-Round Residence	Non-Participating	314932.67	330460.58	0:00	0	0:00	0
1519	Year-Round Residence	Non-Participating	314939.30	330576.96	0:00	0	0:00	0
1520	Year-Round Residence	Non-Participating	315012.13	330682.81	0:00	0	0:00	0
1521	Year-Round Residence	Non-Participating	314910.30	331361.14	0:00	0	0:00	0
1522	Year-Round Residence	Non-Participating	314924.00	331425.38	0:00	0	0:00	0
1523	Year-Round Residence	Non-Participating	315051.38	331423.62	0:00	0	0:00	0
1524	Year-Round Residence	Non-Participating	314916.10	331481.80	0:00	0	0:00	0
1525	Year-Round Residence	Non-Participating	314914.50	331550.79	0:00	0	0:00	0
1526	Year-Round Residence	Non-Participating	314979.50	331612.67	0:00	0	0:00	0
1528	Year-Round Residence	Non-Participating	315767.33	332047.04	0:00	0	0:00	0
1529	Year-Round Residence	Non-Participating	315835.06	332039.26	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1530	Year-Round Residence	Non-Participating	315885.10	332053.75	0:00	0	0:00	0
1531	Year-Round Residence	Non-Participating	316179.66	332111.57	0:00	0	0:00	0
1532	Year-Round Residence	Non-Participating	316243.14	332049.68	0:00	0	0:00	0
1533	Year-Round Residence	Non-Participating	316965.40	332094.86	0:00	0	0:00	0
1534	Year-Round Residence	Non-Participating	316940.62	332517.63	0:00	0	0:00	0
1535	Year-Round Residence	Non-Participating	316948.80	332661.74	0:00	0	0:00	0
1536	Year-Round Residence	Non-Participating	317162.01	332007.60	0:00	0	0:00	0
1537	Year-Round Residence	Non-Participating	317303.94	331926.49	0:00	0	0:00	0
1538	Year-Round Residence	Non-Participating	317470.51	332078.34	0:00	0	0:00	0
1539	Year-Round Residence	Non-Participating	317531.49	332035.95	0:00	0	0:00	0
1540	Year-Round Residence	Non-Participating	315162.28	331387.59	0:00	0	0:00	0
1541	Year-Round Residence	Non-Participating	315242.14	331410.61	0:00	0	0:00	0
1542	Year-Round Residence	Non-Participating	315187.86	331505.88	0:00	0	0:00	0
1543	Year-Round Residence	Non-Participating	315555.89	331563.03	0:00	0	0:00	0
1544	Year-Round Residence	Non-Participating	315538.74	331503.09	0:00	0	0:00	0
1545	Year-Round Residence	Non-Participating	315916.58	331615.03	0:00	0	0:00	0
1546	Year-Round Residence	Non-Participating	316384.90	331774.75	0:00	0	0:00	0
1547	Year-Round Residence	Non-Participating	317251.00	331773.09	0:00	0	0:00	0
1548	Year-Round Residence	Non-Participating	317771.95	332376.33	0:00	0	0:00	0
1549	Year-Round Residence	Non-Participating	317928.99	332531.91	0:00	0	0:00	0
1550	Year-Round Residence	Non-Participating	317912.84	332517.00	0:00	0	0:00	0
1551	Year-Round Residence	Non-Participating	317956.75	332503.53	0:00	0	0:00	0
1552	Year-Round Residence	Non-Participating	318173.58	332579.80	0:00	0	0:00	0
1553	Year-Round Residence	Non-Participating	318198.75	332538.77	0:00	0	0:00	0
1554	Year-Round Residence	Non-Participating	318297.85	332645.62	0:00	0	0:00	0
1555	Year-Round Residence	Non-Participating	318392.60	332680.07	0:00	0	0:00	0
1556	Year-Round Residence	Non-Participating	318899.32	333078.03	0:00	0	0:00	0
1557	Year-Round Residence	Non-Participating	318618.06	333462.22	0:00	0	0:00	0
1558	Year-Round Residence	Non-Participating	318595.67	333526.37	0:00	0	0:00	0
1559	Year-Round Residence	Non-Participating	318651.84	333523.40	0:00	0	0:00	0
1561	Year-Round Residence	Non-Participating	318842.75	333517.28	0:00	0	0:00	0
1562	Year-Round Residence	Non-Participating	319036.75	333421.10	0:00	0	0:00	0
1563	Year-Round Residence	Non-Participating	319176.82	333363.00	0:00	0	0:00	0
1564	Year-Round Residence	Non-Participating	319207.68	333346.72	0:00	0	0:00	0
1565	Year-Round Residence	Non-Participating	319504.27	333413.13	0:00	0	0:00	0
1566	Year-Round Residence	Non-Participating	317506.43	333622.88	0:00	0	0:00	0
1567	Year-Round Residence	Non-Participating	317672.08	333519.27	0:00	0	0:00	0
1568	Year-Round Residence	Non-Participating	317946.98	333513.69	0:00	0	0:00	0
1569	Year-Round Residence	Non-Participating	318306.56	333526.46	0:00	0	0:00	0
1570	Year-Round Residence	Non-Participating	318962.92	333114.33	0:00	0	0:00	0
1571	Year-Round Residence	Non-Participating	318931.70	333010.16	0:00	0	0:00	0
1572	Year-Round Residence	Non-Participating	318945.85	332637.68	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1573	Year-Round Residence	Non-Participating	318960.04	332427.90	0:00	0	0:00	0
1574	Year-Round Residence	Non-Participating	318870.32	332207.11	0:00	0	0:00	0
1575	Year-Round Residence	Non-Participating	318885.37	332111.27	0:00	0	0:00	0
1576	Year-Round Residence	Non-Participating	318938.14	332143.57	0:00	0	0:00	0
1577	Year-Round Residence	Non-Participating	318937.99	332085.30	0:00	0	0:00	0
1578	Year-Round Residence	Non-Participating	318876.04	331665.43	0:00	0	0:00	0
1579	Year-Round Residence	Non-Participating	318317.00	331795.20	0:00	0	0:00	0
1580	Year-Round Residence	Non-Participating	318255.95	331816.99	0:00	0	0:00	0
1581	Year-Round Residence	Non-Participating	318142.94	331788.38	0:00	0	0:00	0
1582	Year-Round Residence	Non-Participating	318052.40	331754.82	0:00	0	0:00	0
1583	Year-Round Residence	Non-Participating	318019.80	331786.40	0:00	0	0:00	0
1584	Year-Round Residence	Non-Participating	316831.43	331217.22	0:00	0	0:00	0
1585	Year-Round Residence	Non-Participating	316859.36	331102.09	0:00	0	0:00	0
1586	Year-Round Residence	Non-Participating	316826.82	331047.66	0:00	0	0:00	0
1587	Year-Round Residence	Non-Participating	316853.49	330976.13	0:00	0	0:00	0
1588	Year-Round Residence	Non-Participating	316843.19	330708.39	0:00	0	0:00	0
1589	Year-Round Residence	Non-Participating	316836.94	330583.82	0:00	0	0:00	0
1590	Year-Round Residence	Non-Participating	316840.66	330247.46	0:00	0	0:00	0
1592	Year-Round Residence	Non-Participating	316349.09	330103.34	0:00	0	0:00	0
1593	Year-Round Residence	Non-Participating	316115.85	330155.12	0:00	0	0:00	0
1595	Year-Round Residence	Non-Participating	315914.84	330004.21	0:00	0	0:00	0
1597	Year-Round Residence	Non-Participating	315758.86	330108.47	0:00	0	0:00	0
1598	Year-Round Residence	Non-Participating	315584.07	330108.17	0:00	0	0:00	0
1599	Year-Round Residence	Non-Participating	315445.36	329967.59	0:00	0	0:00	0
1600	Year-Round Residence	Non-Participating	315282.32	330095.98	0:00	0	0:00	0
1606	Year-Round Residence	Non-Participating	316605.59	328887.32	0:00	0	0:00	0
1607	Year-Round Residence	Non-Participating	316567.71	329033.05	0:00	0	0:00	0
1608	Year-Round Residence	Non-Participating	316733.74	328837.52	0:00	0	0:00	0
1609	Year-Round Residence	Non-Participating	316491.74	328744.02	0:00	0	0:00	0
1610	Year-Round Residence	Non-Participating	316233.99	328685.00	0:00	0	0:00	0
1611	Year-Round Residence	Non-Participating	316178.09	328571.86	0:00	0	0:00	0
1612	Year-Round Residence	Non-Participating	315960.19	328594.36	0:00	0	0:00	0
1613	Year-Round Residence	Non-Participating	315963.05	328457.18	0:00	0	0:00	0
1614	Year-Round Residence	Non-Participating	315874.56	328382.63	0:00	0	0:00	0
1624	Year-Round Residence	Non-Participating	314971.61	329096.62	0:00	0	0:00	0
1625	Year-Round Residence	Non-Participating	314962.26	329064.08	0:00	0	0:00	0
1626	Year-Round Residence	Non-Participating	314959.08	329507.94	0:00	0	0:00	0
1646	Year-Round Residence	Non-Participating	315433.80	326615.99	0:00	0	0:00	0
1647	Year-Round Residence	Non-Participating	315427.89	326556.77	0:00	0	0:00	0
1651	Year-Round Residence	Non-Participating	314263.41	326916.90	0:00	0	0:00	0
1652	Year-Round Residence	Non-Participating	313731.52	326502.18	0:00	0	0:00	0
1653	Year-Round Residence	Non-Participating	313601.57	326286.56	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1662	Year-Round Residence	Non-Participating	315221.49	325660.80	0:00	0	0:00	0
1664	Year-Round Residence	Non-Participating	315160.07	325457.00	0:00	0	0:00	0
1665	Year-Round Residence	Non-Participating	315013.30	324934.58	0:00	0	0:00	0
1666	Year-Round Residence	Non-Participating	314991.19	324894.13	0:00	0	0:00	0
1667	Year-Round Residence	Non-Participating	314971.97	324853.21	0:00	0	0:00	0
1668	Year-Round Residence	Non-Participating	315039.14	324819.01	0:00	0	0:00	0
1669	Year-Round Residence	Non-Participating	314926.03	324733.55	0:00	0	0:00	0
1670	Year-Round Residence	Non-Participating	314767.17	324612.80	0:00	0	0:00	0
1671	Year-Round Residence	Non-Participating	314799.68	324520.18	0:00	0	0:00	0
1672	Year-Round Residence	Non-Participating	314748.49	324460.80	0:00	0	0:00	0
1673	Year-Round Residence	Non-Participating	314691.46	324399.17	0:00	0	0:00	0
1674	Year-Round Residence	Non-Participating	314510.58	324333.51	0:00	0	0:00	0
1675	Year-Round Residence	Non-Participating	314269.84	324397.90	0:00	0	0:00	0
1676	Year-Round Residence	Non-Participating	314240.27	324405.93	0:00	0	0:00	0
1677	Year-Round Residence	Non-Participating	314056.62	324410.17	0:00	0	0:00	0
1678	Year-Round Residence	Non-Participating	314222.26	324511.01	0:00	0	0:00	0
1679	Year-Round Residence	Non-Participating	314274.06	324516.39	0:00	0	0:00	0
1680	Year-Round Residence	Non-Participating	314633.61	324304.10	0:00	0	0:00	0
1681	Year-Round Residence	Non-Participating	314602.82	324270.58	0:00	0	0:00	0
1682	Year-Round Residence	Non-Participating	314575.05	324230.68	0:00	0	0:00	0
1683	Year-Round Residence	Non-Participating	314625.83	324187.68	0:00	0	0:00	0
1684	Year-Round Residence	Non-Participating	314583.95	324119.20	0:00	0	0:00	0
1685	Year-Round Residence	Non-Participating	314524.04	324029.46	0:00	0	0:00	0
1686	Year-Round Residence	Non-Participating	314481.50	323983.54	0:00	0	0:00	0
1687	Year-Round Residence	Non-Participating	314450.66	323916.96	0:00	0	0:00	0
1688	Year-Round Residence	Non-Participating	314367.43	323817.94	0:00	0	0:00	0
1689	Year-Round Residence	Non-Participating	315365.02	324383.19	0:00	0	0:00	0
1690	Year-Round Residence	Non-Participating	315412.98	324432.32	0:00	0	0:00	0
1691	Year-Round Residence	Non-Participating	315430.45	324375.28	0:00	0	0:00	0
1692	Year-Round Residence	Non-Participating	315460.78	324293.40	0:00	0	0:00	0
1693	Year-Round Residence	Non-Participating	315594.13	324295.05	0:00	0	0:00	0
1694	Year-Round Residence	Non-Participating	315602.89	324343.27	0:00	0	0:00	0
1695	Year-Round Residence	Non-Participating	315617.48	324293.47	0:00	0	0:00	0
1696	Year-Round Residence	Non-Participating	315624.16	324341.98	0:00	0	0:00	0
1697	Year-Round Residence	Non-Participating	315639.59	324270.81	0:00	0	0:00	0
1698	Year-Round Residence	Non-Participating	315651.04	324335.41	0:00	0	0:00	0
1699	Year-Round Residence	Non-Participating	315679.52	324274.01	0:00	0	0:00	0
1700	Year-Round Residence	Non-Participating	315709.83	324328.35	0:00	0	0:00	0
1701	Year-Round Residence	Non-Participating	315704.39	324277.34	0:00	0	0:00	0
1702	Year-Round Residence	Non-Participating	315746.02	324333.13	0:00	0	0:00	0
1703	Year-Round Residence	Non-Participating	315802.29	324325.21	0:00	0	0:00	0
1704	Year-Round Residence	Non-Participating	315813.57	324262.76	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1705	Year-Round Residence	Non-Participating	315851.74	324236.03	0:00	0	0:00	0
1706	Year-Round Residence	Non-Participating	315850.02	324211.78	0:00	0	0:00	0
1707	Year-Round Residence	Non-Participating	315849.02	324162.25	0:00	0	0:00	0
1708	Year-Round Residence	Non-Participating	315896.66	324190.67	0:00	0	0:00	0
1709	Year-Round Residence	Non-Participating	315931.58	324232.39	0:00	0	0:00	0
1710	Year-Round Residence	Non-Participating	315896.38	324171.16	0:00	0	0:00	0
1711	Year-Round Residence	Non-Participating	315862.45	324072.91	0:00	0	0:00	0
1712	Year-Round Residence	Non-Participating	315944.78	324059.31	0:00	0	0:00	0
1713	Year-Round Residence	Non-Participating	315860.19	324026.74	0:00	0	0:00	0
1714	Year-Round Residence	Non-Participating	315862.60	323992.89	0:00	0	0:00	0
1715	Year-Round Residence	Non-Participating	315542.78	323513.41	0:00	0	0:00	0
1716	Year-Round Residence	Non-Participating	315597.57	323431.12	0:00	0	0:00	0
1717	Year-Round Residence	Non-Participating	315670.27	323093.86	0:00	0	0:00	0
1718	Year-Round Residence	Non-Participating	315648.80	322945.60	0:00	0	0:00	0
1721	Year-Round Residence	Non-Participating	315775.27	325591.65	0:00	0	0:00	0
1723	Year-Round Residence	Non-Participating	315732.06	325525.52	0:00	0	0:00	0
1724	Year-Round Residence	Non-Participating	315878.92	325483.58	0:00	0	0:00	0
1725	Year-Round Residence	Non-Participating	315868.39	325417.13	0:00	0	0:00	0
1726	Year-Round Residence	Non-Participating	316130.17	325410.50	0:00	0	0:00	0
1727	Year-Round Residence	Non-Participating	315766.50	325318.78	0:00	0	0:00	0
1728	Year-Round Residence	Non-Participating	315806.40	325181.06	0:00	0	0:00	0
1729	Year-Round Residence	Non-Participating	315801.94	325131.88	0:00	0	0:00	0
1730	Year-Round Residence	Non-Participating	315806.15	325041.39	0:00	0	0:00	0
1731	Year-Round Residence	Non-Participating	315815.19	324943.54	0:00	0	0:00	0
1732	Year-Round Residence	Non-Participating	315815.20	324887.91	0:00	0	0:00	0
1733	Year-Round Residence	Non-Participating	315818.34	324846.31	0:00	0	0:00	0
1734	Year-Round Residence	Non-Participating	315887.03	324845.91	0:00	0	0:00	0
1735	Year-Round Residence	Non-Participating	315816.10	324807.31	0:00	0	0:00	0
1736	Year-Round Residence	Non-Participating	315816.17	324755.78	0:00	0	0:00	0
1737	Year-Round Residence	Non-Participating	315732.55	324738.14	0:00	0	0:00	0
1738	Year-Round Residence	Non-Participating	315877.87	324609.12	0:00	0	0:00	0
1739	Year-Round Residence	Non-Participating	315829.44	324568.36	0:00	0	0:00	0
1740	Year-Round Residence	Non-Participating	315883.82	324450.97	0:00	0	0:00	0
1741	Year-Round Residence	Non-Participating	315841.58	324436.57	0:00	0	0:00	0
1742	Year-Round Residence	Non-Participating	315880.49	324429.32	0:00	0	0:00	0
1743	Year-Round Residence	Non-Participating	315883.13	324408.14	0:00	0	0:00	0
1744	Year-Round Residence	Non-Participating	315841.59	324410.78	0:00	0	0:00	0
1745	Year-Round Residence	Non-Participating	315831.70	324373.16	0:00	0	0:00	0
1746	Year-Round Residence	Non-Participating	315887.61	324312.05	0:00	0	0:00	0
1747	Year-Round Residence	Non-Participating	315964.98	324306.54	0:00	0	0:00	0
1748	Year-Round Residence	Non-Participating	315960.73	324246.22	0:00	0	0:00	0
1749	Year-Round Residence	Non-Participating	315984.47	324243.16	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1750	Year-Round Residence	Non-Participating	316038.02	324236.70	0:00	0	0:00	0
1751	Year-Round Residence	Non-Participating	316043.00	324292.09	0:00	0	0:00	0
1752	Year-Round Residence	Non-Participating	316139.25	324272.01	0:00	0	0:00	0
1753	Year-Round Residence	Non-Participating	316124.18	324229.69	0:00	0	0:00	0
1754	Year-Round Residence	Non-Participating	316187.32	324280.52	0:00	0	0:00	0
1755	Year-Round Residence	Non-Participating	316379.75	324191.19	0:00	0	0:00	0
1756	Year-Round Residence	Non-Participating	316467.11	323971.00	0:00	0	0:00	0
1757	Year-Round Residence	Non-Participating	316575.48	324073.23	0:00	0	0:00	0
1758	Year-Round Residence	Non-Participating	316481.54	324164.10	0:00	0	0:00	0
1759	Year-Round Residence	Non-Participating	316426.56	324236.13	0:00	0	0:00	0
1760	Year-Round Residence	Non-Participating	316521.21	324219.68	0:00	0	0:00	0
1761	Year-Round Residence	Non-Participating	316644.90	324125.81	0:00	0	0:00	0
1762	Year-Round Residence	Non-Participating	316695.66	324182.45	0:00	0	0:00	0
1763	Year-Round Residence	Non-Participating	316723.51	324188.42	0:00	0	0:00	0
1764	Year-Round Residence	Non-Participating	316735.46	324071.49	0:00	0	0:00	0
1765	Year-Round Residence	Non-Participating	316796.47	324237.77	0:00	0	0:00	0
1766	Year-Round Residence	Non-Participating	316802.81	324064.25	0:00	0	0:00	0
1767	Year-Round Residence	Non-Participating	316863.12	324051.23	0:00	0	0:00	0
1768	Year-Round Residence	Non-Participating	317068.03	324050.95	0:00	0	0:00	0
1769	Year-Round Residence	Non-Participating	317430.63	323823.33	0:00	0	0:00	0
1770	Year-Round Residence	Non-Participating	317481.48	323770.75	0:00	0	0:00	0
1771	Year-Round Residence	Non-Participating	317546.74	323741.33	0:00	0	0:00	0
1772	Year-Round Residence	Non-Participating	317423.91	323571.88	0:00	0	0:00	0
1773	Year-Round Residence	Non-Participating	317330.81	323415.30	0:00	0	0:00	0
1774	Year-Round Residence	Non-Participating	317452.97	323385.73	0:00	0	0:00	0
1775	Year-Round Residence	Non-Participating	317498.61	323340.29	0:00	0	0:00	0
1776	Year-Round Residence	Non-Participating	317161.34	323168.95	0:00	0	0:00	0
1777	Year-Round Residence	Non-Participating	317050.07	322725.86	0:00	0	0:00	0
1778	Year-Round Residence	Non-Participating	317085.10	322808.85	0:00	0	0:00	0
1779	Year-Round Residence	Non-Participating	317705.39	322930.77	0:00	0	0:00	0
1780	Year-Round Residence	Non-Participating	317563.90	323943.84	0:00	0	0:00	0
1781	Year-Round Residence	Non-Participating	317636.47	324013.37	0:00	0	0:00	0
1782	Year-Round Residence	Non-Participating	317567.50	324213.55	0:00	0	0:00	0
1783	Year-Round Residence	Non-Participating	317491.75	324283.34	0:00	0	0:00	0
1784	Year-Round Residence	Non-Participating	317566.48	324309.98	0:00	0	0:00	0
1785	Year-Round Residence	Non-Participating	317615.75	324324.93	0:00	0	0:00	0
1786	Year-Round Residence	Non-Participating	317489.01	324433.14	0:00	0	0:00	0
1787	Year-Round Residence	Non-Participating	317580.75	324448.55	0:00	0	0:00	0
1788	Year-Round Residence	Non-Participating	317472.80	324504.39	0:00	0	0:00	0
1789	Year-Round Residence	Non-Participating	317435.62	324578.73	0:00	0	0:00	0
1790	Year-Round Residence	Non-Participating	317449.82	324652.68	0:00	0	0:00	0
1791	Year-Round Residence	Non-Participating	317220.56	324832.36	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1792	Year-Round Residence	Non-Participating	317425.28	324868.07	0:00	0	0:00	0
1793	Year-Round Residence	Non-Participating	317494.76	324875.37	0:00	0	0:00	0
1794	Year-Round Residence	Non-Participating	317612.39	324867.71	0:00	0	0:00	0
1795	Year-Round Residence	Non-Participating	317751.18	324556.64	0:00	0	0:00	0
1796	Year-Round Residence	Non-Participating	317938.00	324557.86	0:00	0	0:00	0
1797	Year-Round Residence	Non-Participating	318102.24	324824.90	0:00	0	0:00	0
1799	Year-Round Residence	Non-Participating	318267.87	324872.93	0:00	0	0:00	0
1800	Year-Round Residence	Non-Participating	318275.94	324464.32	0:00	0	0:00	0
1801	Year-Round Residence	Non-Participating	318377.05	324160.62	0:00	0	0:00	0
1802	Year-Round Residence	Non-Participating	318371.58	323909.72	0:00	0	0:00	0
1803	Year-Round Residence	Non-Participating	318280.25	323845.92	0:00	0	0:00	0
1804	Year-Round Residence	Non-Participating	318267.28	325124.24	0:00	0	0:00	0
1805	Year-Round Residence	Non-Participating	318215.04	325331.36	0:00	0	0:00	0
1806	Year-Round Residence	Non-Participating	318176.05	325484.16	0:00	0	0:00	0
1807	Year-Round Residence	Non-Participating	318175.38	325566.65	0:00	0	0:00	0
1808	Year-Round Residence	Non-Participating	318167.38	325617.34	0:00	0	0:00	0
1919	Year-Round Residence	Non-Participating	320852.22	329384.76	0:00	0	0:00	0
1920	Year-Round Residence	Non-Participating	321019.26	329364.73	0:00	0	0:00	0
1921	Year-Round Residence	Non-Participating	320693.38	329797.81	0:00	0	0:00	0
1922	Year-Round Residence	Non-Participating	320840.02	330064.80	0:00	0	0:00	0
1925	Year-Round Residence	Non-Participating	320502.63	330995.88	0:00	0	0:00	0
1926	Year-Round Residence	Non-Participating	320494.89	331070.28	0:00	0	0:00	0
1927	Year-Round Residence	Non-Participating	320546.04	331069.27	0:00	0	0:00	0
1928	Year-Round Residence	Non-Participating	320656.68	331134.13	0:00	0	0:00	0
1929	Year-Round Residence	Non-Participating	320751.78	331120.19	0:00	0	0:00	0
1930	Year-Round Residence	Non-Participating	320742.55	331178.41	0:00	0	0:00	0
1931	Year-Round Residence	Non-Participating	320738.64	331254.87	0:00	0	0:00	0
1932	Year-Round Residence	Non-Participating	320557.17	331310.52	0:00	0	0:00	0
1933	Year-Round Residence	Non-Participating	320622.74	331391.87	0:00	0	0:00	0
1934	Year-Round Residence	Non-Participating	320505.64	331353.62	0:00	0	0:00	0
1935	Year-Round Residence	Non-Participating	320246.45	331424.44	0:00	0	0:00	0
1936	Year-Round Residence	Non-Participating	320299.96	331389.93	0:00	0	0:00	0
1937	Year-Round Residence	Non-Participating	320362.01	331252.76	0:00	0	0:00	0
1938	Year-Round Residence	Non-Participating	320389.31	331187.74	0:00	0	0:00	0
1939	Year-Round Residence	Non-Participating	320409.70	331132.71	0:00	0	0:00	0
1940	Year-Round Residence	Non-Participating	320100.52	331425.22	0:00	0	0:00	0
1941	Year-Round Residence	Non-Participating	319967.59	331517.94	0:00	0	0:00	0
1942	Year-Round Residence	Non-Participating	319870.45	331486.22	0:00	0	0:00	0
1944	Year-Round Residence	Non-Participating	319771.45	331408.73	0:00	0	0:00	0
1945	Year-Round Residence	Non-Participating	319777.39	331483.12	0:00	0	0:00	0
1946	Year-Round Residence	Non-Participating	319627.52	331504.82	0:00	0	0:00	0
1947	Year-Round Residence	Non-Participating	319467.80	331448.89	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1948	Year-Round Residence	Non-Participating	319223.49	331298.24	0:00	0	0:00	0
1949	Year-Round Residence	Non-Participating	319301.31	331553.68	0:00	0	0:00	0
1950	Year-Round Residence	Non-Participating	319124.00	331598.92	0:00	0	0:00	0
1952	Year-Round Residence	Non-Participating	320322.13	331755.08	0:00	0	0:00	0
1953	Year-Round Residence	Non-Participating	320234.27	331758.22	0:00	0	0:00	0
1954	Year-Round Residence	Non-Participating	320290.86	331793.82	0:00	0	0:00	0
1955	Year-Round Residence	Non-Participating	320260.54	331835.74	0:00	0	0:00	0
1956	Year-Round Residence	Non-Participating	320182.78	332025.79	0:00	0	0:00	0
1957	Year-Round Residence	Non-Participating	320087.46	331982.84	0:00	0	0:00	0
1958	Year-Round Residence	Non-Participating	319939.94	332260.59	0:00	0	0:00	0
1959	Year-Round Residence	Non-Participating	319955.83	332445.74	0:00	0	0:00	0
1960	Year-Round Residence	Non-Participating	319943.67	332519.92	0:00	0	0:00	0
1961	Year-Round Residence	Non-Participating	319917.99	332725.64	0:00	0	0:00	0
1962	Year-Round Residence	Non-Participating	319680.28	332955.45	0:00	0	0:00	0
1963	Year-Round Residence	Non-Participating	319808.54	333039.04	0:00	0	0:00	0
1964	Year-Round Residence	Non-Participating	319754.04	333233.44	0:00	0	0:00	0
1965	Year-Round Residence	Non-Participating	321044.74	331018.96	0:00	0	0:00	0
1966	Year-Round Residence	Non-Participating	321110.27	330698.26	0:00	0	0:00	0
1967	Year-Round Residence	Non-Participating	321062.15	329291.96	0:00	0	0:00	0
1968	Year-Round Residence	Non-Participating	321604.79	329490.49	0:00	0	0:00	0
1969	Year-Round Residence	Non-Participating	321991.65	329235.55	0:00	0	0:00	0
1970	Year-Round Residence	Non-Participating	322095.64	329270.80	0:00	0	0:00	0
1971	Year-Round Residence	Non-Participating	322345.93	329324.04	0:00	0	0:00	0
1973	Year-Round Residence	Non-Participating	323140.55	329331.31	0:00	0	0:00	0
1974	Year-Round Residence	Non-Participating	322337.86	330609.00	0:00	0	0:00	0
1975	Year-Round Residence	Non-Participating	322438.15	330529.46	0:00	0	0:00	0
1976	Year-Round Residence	Non-Participating	322830.42	330295.43	0:00	0	0:00	0
1977	Year-Round Residence	Non-Participating	322911.46	330240.03	0:00	0	0:00	0
1978	Year-Round Residence	Non-Participating	322402.91	331347.48	0:00	0	0:00	0
1979	Year-Round Residence	Non-Participating	322646.48	330806.88	0:00	0	0:00	0
1980	Year-Round Residence	Non-Participating	322971.22	330121.00	0:00	0	0:00	0
1981	Year-Round Residence	Non-Participating	322990.60	330073.44	0:00	0	0:00	0
1982	Year-Round Residence	Non-Participating	323046.33	330107.88	0:00	0	0:00	0
1983	Year-Round Residence	Non-Participating	323013.22	330038.99	0:00	0	0:00	0
1984	Year-Round Residence	Non-Participating	323089.43	330007.66	0:00	0	0:00	0
1985	Year-Round Residence	Non-Participating	323038.98	329893.28	0:00	0	0:00	0
1986	Year-Round Residence	Non-Participating	323048.63	329831.63	0:00	0	0:00	0
1988	Year-Round Residence	Non-Participating	323044.55	329788.37	0:00	0	0:00	0
1989	Year-Round Residence	Non-Participating	323098.51	329777.92	0:00	0	0:00	0
1990	Year-Round Residence	Non-Participating	323098.81	329800.61	0:00	0	0:00	0
1991	Year-Round Residence	Non-Participating	323098.93	329757.70	0:00	0	0:00	0
1992	Year-Round Residence	Non-Participating	323098.62	329734.54	0:00	0	0:00	0



Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1993	Year-Round Residence	Non-Participating	323057.16	329698.73	0:00	0	0:00	0
1994	Year-Round Residence	Non-Participating	323097.45	329706.61	0:00	0	0:00	0
1995	Year-Round Residence	Non-Participating	323061.52	329676.64	0:00	0	0:00	0
1996	Year-Round Residence	Non-Participating	323001.07	329692.19	0:00	0	0:00	0
1997	Year-Round Residence	Non-Participating	323168.84	329641.36	0:00	0	0:00	0
1998	Year-Round Residence	Non-Participating	323204.77	329680.98	0:00	0	0:00	0
1999	Year-Round Residence	Non-Participating	323285.01	329649.34	0:00	0	0:00	0
2000	Year-Round Residence	Non-Participating	323343.99	329646.16	0:00	0	0:00	0
2001	Year-Round Residence	Non-Participating	323446.26	329798.06	0:00	0	0:00	0
2002	Year-Round Residence	Non-Participating	323436.28	329699.95	0:00	0	0:00	0
2003	Year-Round Residence	Non-Participating	323520.97	329667.54	0:00	0	0:00	0
2004	Year-Round Residence	Non-Participating	323551.24	329660.41	0:00	0	0:00	0
2005	Year-Round Residence	Non-Participating	323552.56	329729.38	0:00	0	0:00	0
2006	Year-Round Residence	Non-Participating	323661.47	329732.64	0:00	0	0:00	0
2007	Year-Round Residence	Non-Participating	323541.12	329747.38	0:00	0	0:00	0
2008	Year-Round Residence	Non-Participating	323502.81	329730.28	0:00	0	0:00	0
2009	Year-Round Residence	Non-Participating	323489.94	329752.11	0:00	0	0:00	0
2010	Year-Round Residence	Non-Participating	323478.29	329763.67	0:00	0	0:00	0
2011	Year-Round Residence	Non-Participating	323521.54	329793.36	0:00	0	0:00	0
2012	Year-Round Residence	Non-Participating	323480.35	329837.11	0:00	0	0:00	0
2013	Year-Round Residence	Non-Participating	323429.46	329815.68	0:00	0	0:00	0
2014	Year-Round Residence	Non-Participating	323471.50	329852.79	0:00	0	0:00	0
2015	Year-Round Residence	Non-Participating	323455.62	329869.03	0:00	0	0:00	0
2016	Year-Round Residence	Non-Participating	323388.92	329877.26	0:00	0	0:00	0
2018	Year-Round Residence	Non-Participating	323327.39	329873.39	0:00	0	0:00	0
2019	Year-Round Residence	Non-Participating	323305.54	329869.32	0:00	0	0:00	0
2020	Year-Round Residence	Non-Participating	323271.91	329862.88	0:00	0	0:00	0
2021	Year-Round Residence	Non-Participating	323235.82	329860.65	0:00	0	0:00	0
2022	Year-Round Residence	Non-Participating	323212.27	329863.13	0:00	0	0:00	0
2023	Year-Round Residence	Non-Participating	323188.25	329861.84	0:00	0	0:00	0
2024	Year-Round Residence	Non-Participating	323169.33	329859.30	0:00	0	0:00	0
2026	Year-Round Residence	Non-Participating	323129.00	329851.50	0:00	0	0:00	0
2027	Year-Round Residence	Non-Participating	323195.85	330142.86	0:00	0	0:00	0
2028	Year-Round Residence	Non-Participating	323192.23	329944.48	0:00	0	0:00	0
2029	Year-Round Residence	Non-Participating	323250.42	329945.42	0:00	0	0:00	0
2030	Year-Round Residence	Non-Participating	323361.84	329958.33	0:00	0	0:00	0
2031	Year-Round Residence	Non-Participating	323377.10	329960.54	0:00	0	0:00	0
2032	Year-Round Residence	Non-Participating	323423.11	329981.99	0:00	0	0:00	0
2033	Year-Round Residence	Non-Participating	323450.27	329972.73	0:00	0	0:00	0
2034	Year-Round Residence	Non-Participating	323448.22	330009.65	0:00	0	0:00	0
2036	Year-Round Residence	Non-Participating	323461.82	330091.10	0:00	0	0:00	0
2037	Year-Round Residence	Non-Participating	323514.46	330105.31	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2038	Year-Round Residence	Non-Participating	323840.31	330051.41	0:00	0	0:00	0
2039	Year-Round Residence	Non-Participating	323976.39	329712.62	0:00	0	0:00	0
2040	Year-Round Residence	Non-Participating	324094.69	329705.97	0:00	0	0:00	0
2041	Year-Round Residence	Non-Participating	324508.72	329582.97	0:00	0	0:00	0
2042	Year-Round Residence	Non-Participating	325662.81	328685.59	0:00	0	0:00	0
2043	Year-Round Residence	Non-Participating	325637.47	328582.74	0:00	0	0:00	0
2044	Year-Round Residence	Non-Participating	323606.55	329565.65	0:00	0	0:00	0
2045	Year-Round Residence	Non-Participating	323750.82	329486.04	0:00	0	0:00	0
2046	Year-Round Residence	Non-Participating	323785.51	329427.18	0:00	0	0:00	0
2047	Year-Round Residence	Non-Participating	323726.91	329400.83	0:00	0	0:00	0
2048	Year-Round Residence	Non-Participating	323854.12	329321.57	0:00	0	0:00	0
2049	Year-Round Residence	Non-Participating	323930.17	329231.44	0:00	0	0:00	0
2050	Year-Round Residence	Non-Participating	324042.19	328949.93	0:00	0	0:00	0
2051	Year-Round Residence	Non-Participating	324169.58	328941.98	0:00	0	0:00	0
2052	Year-Round Residence	Non-Participating	324146.40	328860.65	0:00	0	0:00	0
2053	Year-Round Residence	Non-Participating	324682.51	328443.76	0:00	0	0:00	0
2054	Year-Round Residence	Non-Participating	324061.24	328138.99	0:00	0	0:00	0
2055	Year-Round Residence	Non-Participating	323948.76	328147.07	0:00	0	0:00	0
2056	Year-Round Residence	Non-Participating	323899.57	328071.17	0:00	0	0:00	0
2057	Year-Round Residence	Non-Participating	323839.41	328147.27	0:00	0	0:00	0
2058	Year-Round Residence	Non-Participating	323658.96	328113.73	0:00	0	0:00	0
2059	Year-Round Residence	Non-Participating	323694.86	328049.76	0:00	0	0:00	0
2060	Year-Round Residence	Non-Participating	323584.06	327984.86	0:00	0	0:00	0
2061	Year-Round Residence	Non-Participating	323457.51	328049.05	0:00	0	0:00	0
2062	Year-Round Residence	Non-Participating	323401.85	328034.31	0:00	0	0:00	0
2063	Year-Round Residence	Non-Participating	323383.12	328259.19	0:00	0	0:00	0
2064	Year-Round Residence	Non-Participating	323407.67	328178.71	0:00	0	0:00	0
2065	Year-Round Residence	Non-Participating	323334.22	328172.95	0:00	0	0:00	0
2066	Year-Round Residence	Non-Participating	323255.59	328317.30	0:00	0	0:00	0
2067	Year-Round Residence	Non-Participating	323367.72	328105.58	0:00	0	0:00	0
2068	Year-Round Residence	Non-Participating	323348.86	328314.75	0:00	0	0:00	0
2069	Year-Round Residence	Non-Participating	323365.81	328452.78	0:00	0	0:00	0
2071	Year-Round Residence	Non-Participating	323074.41	328800.53	0:00	0	0:00	0
2072	Year-Round Residence	Non-Participating	323018.19	329333.57	0:00	0	0:00	0
2073	Year-Round Residence	Non-Participating	323126.84	328452.34	0:00	0	0:00	0
2074	Year-Round Residence	Non-Participating	323083.97	328367.94	0:00	0	0:00	0
2075	Year-Round Residence	Non-Participating	322991.47	328245.18	0:00	0	0:00	0
2076	Year-Round Residence	Non-Participating	322768.02	328103.89	0:00	0	0:00	0
2087	Year-Round Residence	Non-Participating	320969.30	328928.06	0:00	0	0:00	0
2088	Year-Round Residence	Non-Participating	320913.27	328673.84	0:00	0	0:00	0
2089	Year-Round Residence	Non-Participating	320917.43	328713.54	0:00	0	0:00	0
2090	Year-Round Residence	Non-Participating	321018.22	328480.66	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2092	Year-Round Residence	Non-Participating	320863.84	327734.75	0:00	0	0:00	0
2099	Year-Round Residence	Non-Participating	321845.99	327638.43	0:00	0	0:00	0
2100	Year-Round Residence	Non-Participating	321663.33	327576.76	0:00	0	0:00	0
2101	Year-Round Residence	Non-Participating	321949.54	327582.40	0:00	0	0:00	0
2117	Year-Round Residence	Non-Participating	321494.75	325447.42	0:00	0	0:00	0
2118	Year-Round Residence	Non-Participating	322261.33	325265.68	0:00	0	0:00	0
2121	Year-Round Residence	Non-Participating	320235.73	325197.65	0:00	0	0:00	0
2122	Year-Round Residence	Non-Participating	320001.27	325159.85	0:00	0	0:00	0
2124	Year-Round Residence	Non-Participating	319855.37	324982.19	0:00	0	0:00	0
2125	Year-Round Residence	Non-Participating	319793.27	325065.57	0:00	0	0:00	0
2126	Year-Round Residence	Non-Participating	319599.34	324648.18	0:00	0	0:00	0
2127	Year-Round Residence	Non-Participating	319354.71	325044.13	0:00	0	0:00	0
2128	Year-Round Residence	Non-Participating	319139.67	325009.96	0:00	0	0:00	0
2129	Year-Round Residence	Non-Participating	319033.08	325020.70	0:00	0	0:00	0
2130	Year-Round Residence	Non-Participating	318739.64	325178.02	0:00	0	0:00	0
2131	Year-Round Residence	Non-Participating	318427.18	323649.23	0:00	0	0:00	0
2132	Year-Round Residence	Non-Participating	318538.37	323819.18	0:00	0	0:00	0
2133	Year-Round Residence	Non-Participating	319953.76	323718.65	0:00	0	0:00	0
2134	Year-Round Residence	Non-Participating	320119.88	323794.81	0:00	0	0:00	0
2135	Year-Round Residence	Non-Participating	320487.89	323811.67	0:00	0	0:00	0
2136	Year-Round Residence	Non-Participating	320499.59	323707.41	0:00	0	0:00	0
2138	Year-Round Residence	Non-Participating	320634.31	323597.91	0:00	0	0:00	0
2140	Year-Round Residence	Non-Participating	320714.19	323721.22	0:00	0	0:00	0
2142	Year-Round Residence	Non-Participating	320951.10	323740.62	0:00	0	0:00	0
2143	Year-Round Residence	Non-Participating	321128.20	323846.61	0:00	0	0:00	0
2144	Year-Round Residence	Non-Participating	321236.64	323755.62	0:00	0	0:00	0
2150	Year-Round Residence	Non-Participating	318961.48	322595.58	0:00	0	0:00	0
2151	Year-Round Residence	Non-Participating	319107.37	322596.03	0:00	0	0:00	0
2152	Year-Round Residence	Non-Participating	319131.72	322744.88	0:00	0	0:00	0
2153	Year-Round Residence	Non-Participating	319431.50	322697.62	0:00	0	0:00	0
2154	Year-Round Residence	Non-Participating	319500.43	322629.84	0:00	0	0:00	0
2155	Year-Round Residence	Non-Participating	319492.20	322508.22	0:00	0	0:00	0
2156	Year-Round Residence	Non-Participating	319675.98	322626.26	0:00	0	0:00	0
2157	Year-Round Residence	Non-Participating	319723.26	322575.18	0:00	0	0:00	0
2158	Year-Round Residence	Non-Participating	319862.71	322633.13	0:00	0	0:00	0
2159	Year-Round Residence	Non-Participating	320013.02	322705.20	0:00	0	0:00	0
2160	Year-Round Residence	Non-Participating	320133.34	322561.27	0:00	0	0:00	0
2161	Year-Round Residence	Non-Participating	320108.93	322456.92	0:00	0	0:00	0
2162	Year-Round Residence	Non-Participating	320278.12	322230.53	0:00	0	0:00	0
2163	Year-Round Residence	Non-Participating	320072.06	322107.50	0:00	0	0:00	0
2164	Year-Round Residence	Non-Participating	320128.77	321873.81	0:00	0	0:00	0
2165	Year-Round Residence	Non-Participating	320198.12	321872.89	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2166	Year-Round Residence	Non-Participating	320646.36	322406.37	0:00	0	0:00	0
2167	Year-Round Residence	Non-Participating	320688.55	322405.73	0:00	0	0:00	0
2168	Year-Round Residence	Non-Participating	320865.18	322476.96	0:00	0	0:00	0
2169	Year-Round Residence	Non-Participating	320871.34	322333.98	0:00	0	0:00	0
2170	Year-Round Residence	Non-Participating	321008.19	322520.21	0:00	0	0:00	0
2171	Year-Round Residence	Non-Participating	321036.45	322623.33	0:00	0	0:00	0
2172	Year-Round Residence	Non-Participating	321196.77	322674.85	0:00	0	0:00	0
2173	Year-Round Residence	Non-Participating	321332.24	323205.30	0:00	0	0:00	0
2174	Year-Round Residence	Non-Participating	321273.03	323611.33	0:00	0	0:00	0
2175	Year-Round Residence	Non-Participating	321330.49	323663.55	0:00	0	0:00	0
2176	Year-Round Residence	Non-Participating	321266.37	323695.12	0:00	0	0:00	0
2177	Year-Round Residence	Non-Participating	321332.01	323690.66	0:00	0	0:00	0
2178	Year-Round Residence	Non-Participating	321326.62	323721.44	0:00	0	0:00	0
2179	Year-Round Residence	Non-Participating	321331.28	323755.26	0:00	0	0:00	0
2180	Year-Round Residence	Non-Participating	321392.43	323805.81	0:00	0	0:00	0
2181	Year-Round Residence	Non-Participating	321457.24	323895.86	0:00	0	0:00	0
2182	Year-Round Residence	Non-Participating	321481.47	323815.21	0:00	0	0:00	0
2183	Year-Round Residence	Non-Participating	321550.16	323819.68	0:00	0	0:00	0
2191	Year-Round Residence	Non-Participating	322306.56	322793.17	0:00	0	0:00	0
2192	Year-Round Residence	Non-Participating	321645.38	322762.48	0:00	0	0:00	0
2193	Year-Round Residence	Non-Participating	321506.29	322752.90	0:00	0	0:00	0
2194	Year-Round Residence	Non-Participating	321399.49	322715.29	0:00	0	0:00	0
2195	Year-Round Residence	Non-Participating	321428.38	322675.44	0:00	0	0:00	0
2196	Year-Round Residence	Non-Participating	322414.03	321457.55	0:00	0	0:00	0
2197	Year-Round Residence	Non-Participating	322337.39	321291.48	0:00	0	0:00	0
2198	Year-Round Residence	Non-Participating	322350.12	321149.07	0:00	0	0:00	0
2199	Year-Round Residence	Non-Participating	322375.72	320848.19	0:00	0	0:00	0
2200	Year-Round Residence	Non-Participating	322499.02	320616.23	0:00	0	0:00	0
2201	Year-Round Residence	Non-Participating	322801.07	320586.67	0:00	0	0:00	0
2202	Year-Round Residence	Non-Participating	323045.34	320704.79	0:00	0	0:00	0
2203	Year-Round Residence	Non-Participating	323233.08	320282.05	0:00	0	0:00	0
2204	Year-Round Residence	Non-Participating	323624.44	320853.85	0:00	0	0:00	0
2210	Year-Round Residence	Non-Participating	322830.49	320670.86	0:00	0	0:00	0
2272	Year-Round Residence	Non-Participating	322393.92	321271.49	0:00	0	0:00	0
2273	Seasonal Residence	Non-Participating	323228.81	320305.64	0:00	0	0:00	0
2278	Year-Round Residence	Non-Participating	322400.69	321167.43	0:00	0	0:00	0
2282	Year-Round Residence	Non-Participating	315427.17	323244.21	0:00	0	0:00	0
2285	Year-Round Residence	Non-Participating	321281.75	323344.86	0:00	0	0:00	0
2288	Year-Round Residence	Non-Participating	317714.28	323769.99	0:00	0	0:00	0
2289	Year-Round Residence	Non-Participating	315802.63	325088.17	0:00	0	0:00	0
2290	Year-Round Residence	Non-Participating	316680.98	324109.55	0:00	0	0:00	0
2294	Year-Round Residence	Non-Participating	320793.90	328512.24	0:00	0	0:00	0

Table B-3.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2298	Year-Round Residence	Non-Participating	323840.75	329758.79	0:00	0	0:00	0
2301	Year-Round Residence	Non-Participating	319061.13	333208.12	0:00	0	0:00	0
2302	Year-Round Residence	Non-Participating	317634.41	333444.75	0:00	0	0:00	0
2304	Year-Round Residence	Non-Participating	316723.50	330023.82	0:00	0	0:00	0
2306	Year-Round Residence	Non-Participating	313880.70	327015.38	0:00	0	0:00	0
2307	Year-Round Residence	Non-Participating	315008.18	329053.93	0:00	0	0:00	0
2308	Year-Round Residence	Non-Participating	315007.78	330770.16	0:00	0	0:00	0
2310	Year-Round Residence	Non-Participating	313500.02	328731.95	0:00	0	0:00	0
2311	Year-Round Residence	Non-Participating	315619.09	332050.39	0:00	0	0:00	0
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Residential Receptors								
<b>1173</b>	<b>Year-Round Residence</b>	<b>Non-Participating</b>	<b>326836.02</b>	<b>324708.98</b>	<b>242:57</b>	<b>92</b>	<b>61:28</b>	<b>3688</b>
<b>1</b>	<b>Year-Round Residence</b>	<b>Non-Participating</b>	<b>325840.23</b>	<b>321460.84</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-3.c: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
451	Year-Round Residence	Participating	323137.13	323442.79	0:00	0	0:00	0
544	Year-Round Residence	Participating	326831.48	323868.41	72:38	56	23:33	1413
545	Year-Round Residence	Participating	326855.50	324263.28	169:10	72	50:13	3013
546	Year-Round Residence	Participating	326883.46	324102.57	146:00	77	44:21	2661
547	Year-Round Residence	Participating	326777.70	324555.79	190:28	60	46:32	2792
548	Year-Round Residence	Participating	326766.01	324749.37	233:48	74	61:54	3714
549	Year-Round Residence	Participating	326755.83	324735.43	227:08	69	59:28	3568
550	Year-Round Residence	Participating	326770.44	324724.02	227:09	75	59:21	3561
551	Year-Round Residence	Participating	326697.33	324900.86	216:51	60	57:13	3433
686	Year-Round Residence	Participating	325607.20	325343.89	113:57	71	28:51	1731
702	Year-Round Residence	Participating	325039.86	323785.82	19:04	32	6:00	360
712	Year-Round Residence	Participating	323101.19	324947.77	62:14	52	16:51	1011
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0
1157	Year-Round Residence	Participating	323592.20	324735.64	59:30	59	15:27	927
1823	Year-Round Residence	Participating	317745.17	327442.97	24:29	28	7:06	426
1824	Year-Round Residence	Participating	317623.65	327332.85	15:48	33	4:30	270
1839	Year-Round Residence	Participating	316654.10	326940.66	80:14	57	16:06	966
1869	Year-Round Residence	Participating	317522.17	329442.03	65:28	45	14:01	841
1873	Year-Round Residence	Participating	317744.53	327659.68	85:19	54	26:06	1566
1875	Year-Round Residence	Participating	317752.43	327876.06	117:45	55	35:44	2144
1900	Year-Round Residence	Participating	319959.47	327708.91	73:31	50	23:59	1439
2083	Year-Round Residence	Participating	322586.51	326741.39	113:57	99	27:51	1671
2102	Year-Round Residence	Participating	322634.87	326596.24	181:44	102	43:39	2619
2104	Year-Round Residence	Participating	321032.42	326750.48	91:11	46	24:44	1484
2107	Year-Round Residence	Participating	321471.59	326262.36	78:36	52	23:58	1438
2189	Year-Round Residence	Participating	322154.36	324200.45	12:51	28	2:58	178
Summary of Maximum and Minimum Shadow Flicker for Participating Residential Receptors								
<b>548</b>	<b>Year-Round Residence</b>	<b>Participating</b>	<b>326766.01</b>	<b>324749.37</b>	<b>233:48</b>	<b>74</b>	<b>61:54</b>	<b>3714</b>
<b>451</b>	<b>Year-Round Residence</b>	<b>Participating</b>	<b>323137.13</b>	<b>323442.79</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-3.d: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
548	Year-Round Residence	Participating	326766.01	324749.37	233:48	74	61:54	3714
549	Year-Round Residence	Participating	326755.83	324735.43	227:08	69	59:28	3568
550	Year-Round Residence	Participating	326770.44	324724.02	227:09	75	59:21	3561
551	Year-Round Residence	Participating	326697.33	324900.86	216:51	60	57:13	3433
545	Year-Round Residence	Participating	326855.50	324263.28	169:10	72	50:13	3013
547	Year-Round Residence	Participating	326777.70	324555.79	190:28	60	46:32	2792
546	Year-Round Residence	Participating	326883.46	324102.57	146:00	77	44:21	2661
2102	Year-Round Residence	Participating	322634.87	326596.24	181:44	102	43:39	2619
1875	Year-Round Residence	Participating	317752.43	327876.06	117:45	55	35:44	2144
686	Year-Round Residence	Participating	325607.20	325343.89	113:57	71	28:51	1731
2083	Year-Round Residence	Participating	322586.51	326741.39	113:57	99	27:51	1671
1873	Year-Round Residence	Participating	317744.53	327659.68	85:19	54	26:06	1566
2104	Year-Round Residence	Participating	321032.42	326750.48	91:11	46	24:44	1484
1900	Year-Round Residence	Participating	319959.47	327708.91	73:31	50	23:59	1439
2107	Year-Round Residence	Participating	321471.59	326262.36	78:36	52	23:58	1438
544	Year-Round Residence	Participating	326831.48	323868.41	72:38	56	23:33	1413
712	Year-Round Residence	Participating	323101.19	324947.77	62:14	52	16:51	1011
1839	Year-Round Residence	Participating	316654.10	326940.66	80:14	57	16:06	966
1157	Year-Round Residence	Participating	323592.20	324735.64	59:30	59	15:27	927
1869	Year-Round Residence	Participating	317522.17	329442.03	65:28	45	14:01	841
1823	Year-Round Residence	Participating	317745.17	327442.97	24:29	28	7:06	426
702	Year-Round Residence	Participating	325039.86	323785.82	19:04	32	6:00	360
1824	Year-Round Residence	Participating	317623.65	327332.85	15:48	33	4:30	270
2189	Year-Round Residence	Participating	322154.36	324200.45	12:51	28	2:58	178
451	Year-Round Residence	Participating	323137.13	323442.79	0:00	0	0:00	0
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Residential Receptors								
548	Year-Round Residence	Participating	326766.01	324749.37	233:48	74	61:54	3714
451	Year-Round Residence	Participating	323137.13	323442.79	0:00	0	0:00	0

Table B-3.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
786	Commercial Structure	Non-Participating	326264.66	322442.15	0:00	0	0:00	0
801	Commercial Structure	Non-Participating	326373.45	322347.58	0:00	0	0:00	0
802	Commercial Structure	Non-Participating	326414.50	322338.51	0:00	0	0:00	0
803	Commercial Structure	Non-Participating	326429.99	322351.13	0:00	0	0:00	0
804	Commercial Structure	Non-Participating	326404.21	322310.72	0:00	0	0:00	0
805	Commercial Structure	Non-Participating	326421.77	322309.42	0:00	0	0:00	0
806	Commercial Structure	Non-Participating	326603.40	321871.81	0:00	0	0:00	0
807	Commercial Structure	Non-Participating	326726.92	321087.38	0:00	0	0:00	0
808	Commercial Structure	Non-Participating	326549.53	321849.80	0:00	0	0:00	0
809	Commercial Structure	Non-Participating	326539.86	321806.30	0:00	0	0:00	0
810	Commercial Structure	Non-Participating	326557.31	321777.19	0:00	0	0:00	0
811	Commercial Structure	Non-Participating	326336.49	320585.70	0:00	0	0:00	0
812	Commercial Structure	Non-Participating	326399.55	320562.53	0:00	0	0:00	0
813	Commercial Structure	Non-Participating	326346.09	320492.51	0:00	0	0:00	0
814	Commercial Structure	Non-Participating	326327.27	320465.91	0:00	0	0:00	0
815	Commercial Structure	Non-Participating	326792.14	320579.84	0:00	0	0:00	0
816	Commercial Structure	Non-Participating	326754.32	320884.85	0:00	0	0:00	0
817	Commercial Structure	Non-Participating	326737.57	321059.58	0:00	0	0:00	0
818	Commercial Structure	Non-Participating	326798.96	321341.16	0:00	0	0:00	0
819	Commercial Structure	Non-Participating	326807.07	321302.28	0:00	0	0:00	0
820	Commercial Structure	Non-Participating	326702.66	321341.20	0:00	0	0:00	0
821	Commercial Structure	Non-Participating	326872.23	322301.65	0:00	0	0:00	0
822	Commercial Structure	Non-Participating	326744.62	322324.43	0:00	0	0:00	0
823	Commercial Structure	Non-Participating	326470.04	322337.65	0:00	0	0:00	0
824	Commercial Structure	Non-Participating	326613.12	322339.93	0:00	0	0:00	0
825	Commercial Structure	Non-Participating	326622.31	322339.94	0:00	0	0:00	0
826	Commercial Structure	Non-Participating	326524.80	322329.06	0:00	0	0:00	0
827	Commercial Structure	Non-Participating	326526.56	322316.82	0:00	0	0:00	0
828	Commercial Structure	Non-Participating	326507.70	322340.68	0:00	0	0:00	0
829	Commercial Structure	Non-Participating	326623.22	322406.58	0:00	0	0:00	0
830	Commercial Structure	Non-Participating	326662.83	322393.05	0:00	0	0:00	0
831	Commercial Structure	Non-Participating	326698.57	322407.78	0:00	0	0:00	0
832	Commercial Structure	Non-Participating	326705.84	322380.11	0:00	0	0:00	0
833	Commercial Structure	Non-Participating	326642.84	322336.01	0:00	0	0:00	0
834	Commercial Structure	Non-Participating	326653.78	322333.81	0:00	0	0:00	0
835	Commercial Structure	Non-Participating	326691.48	322334.94	0:00	0	0:00	0
836	Commercial Structure	Non-Participating	326727.81	322314.44	0:00	0	0:00	0
837	Commercial Structure	Non-Participating	326032.81	322513.18	0:00	0	0:00	0
838	Commercial Structure	Non-Participating	326145.81	322534.20	0:00	0	0:00	0
839	Commercial Structure	Non-Participating	326342.02	322416.46	0:00	0	0:00	0
840	Commercial Structure	Non-Participating	326350.14	322438.44	0:00	0	0:00	0
841	Commercial Structure	Non-Participating	326469.70	322441.45	0:00	0	0:00	0



Table B-3.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
842	Commercial Structure	Non-Participating	326376.45	322564.00	0:00	0	0:00	0
843	Commercial Structure	Non-Participating	325759.82	323322.37	0:00	0	0:00	0
844	Commercial Structure	Non-Participating	325740.19	323337.00	0:00	0	0:00	0
845	Commercial Structure	Non-Participating	326753.76	322380.97	0:00	0	0:00	0
846	Commercial Structure	Non-Participating	326842.61	322368.55	0:00	0	0:00	0
847	Commercial Structure	Non-Participating	326909.27	322383.24	0:00	0	0:00	0
848	Commercial Structure	Non-Participating	327096.33	323214.71	0:00	0	0:00	0
849	Commercial Structure	Non-Participating	326918.38	323142.80	0:00	0	0:00	0
850	Commercial Structure	Non-Participating	325668.01	322435.87	0:00	0	0:00	0
851	Commercial Structure	Non-Participating	325458.73	322571.29	0:00	0	0:00	0
852	Commercial Structure	Non-Participating	324850.73	322721.32	0:00	0	0:00	0
853	Commercial Structure	Non-Participating	329943.46	322692.19	0:00	0	0:00	0
854	Commercial Structure	Non-Participating	330223.72	324046.85	0:00	0	0:00	0
855	Commercial Structure	Non-Participating	330195.71	324002.07	0:00	0	0:00	0
856	Commercial Structure	Non-Participating	329907.28	325246.13	0:00	0	0:00	0
857	Commercial Structure	Non-Participating	329917.99	325197.62	0:00	0	0:00	0
858	Commercial Structure	Non-Participating	330577.78	324980.78	0:00	0	0:00	0
859	Commercial Structure	Non-Participating	328710.70	325353.49	13:06	28	3:13	193
860	Commercial Structure	Non-Participating	328756.72	325324.20	12:12	27	3:03	183
861	Commercial Structure	Non-Participating	328653.44	325408.38	14:11	29	3:21	201
862	Commercial Structure	Non-Participating	328675.56	325406.89	13:39	28	3:14	194
867	Commercial Structure	Non-Participating	327596.29	325488.73	44:31	61	6:25	385
868	Commercial Structure	Non-Participating	327979.96	326127.99	0:00	0	0:00	0
869	Commercial Structure	Non-Participating	328439.34	322877.77	0:00	0	0:00	0
870	Commercial Structure	Non-Participating	328882.40	327283.22	0:00	0	0:00	0
871	Commercial Structure	Non-Participating	328117.17	327710.65	0:00	0	0:00	0
872	Commercial Structure	Non-Participating	327896.27	327050.13	0:00	0	0:00	0
873	Commercial Structure	Non-Participating	327869.74	327131.21	0:00	0	0:00	0
874	Commercial Structure	Non-Participating	327840.67	326878.11	0:00	0	0:00	0
875	Commercial Structure	Non-Participating	327924.85	327031.61	0:00	0	0:00	0
876	Commercial Structure	Non-Participating	327824.72	327032.53	0:00	0	0:00	0
877	Commercial Structure	Non-Participating	327834.39	327014.23	0:00	0	0:00	0
879	Commercial Structure	Non-Participating	325821.88	326863.09	0:00	0	0:00	0
880	Commercial Structure	Non-Participating	325860.85	326827.94	0:00	0	0:00	0
881	Commercial Structure	Non-Participating	325203.08	326885.94	0:00	0	0:00	0
882	Commercial Structure	Non-Participating	325255.52	326965.72	0:00	0	0:00	0
883	Commercial Structure	Non-Participating	325194.43	326807.16	0:00	0	0:00	0
884	Commercial Structure	Non-Participating	325264.53	326847.48	0:00	0	0:00	0
885	Commercial Structure	Non-Participating	324639.52	328386.11	0:00	0	0:00	0
886	Commercial Structure	Non-Participating	324599.84	327424.06	13:55	26	2:31	151
887	Commercial Structure	Non-Participating	324647.98	327382.79	12:33	25	2:28	148
888	Commercial Structure	Non-Participating	324680.40	327408.17	11:58	25	2:19	139

Table B-3.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
889	Commercial Structure	Non-Participating	324684.55	327361.27	11:44	25	2:24	144
890	Commercial Structure	Non-Participating	324559.88	327442.96	15:08	27	2:38	158
895	Commercial Structure	Non-Participating	322899.49	326164.75	74:30	47	23:49	1429
896	Commercial Structure	Non-Participating	323108.08	325529.65	56:46	47	9:40	580
908	Commercial Structure	Non-Participating	326886.97	324041.92	83:22	55	25:10	1510
909	Commercial Structure	Non-Participating	328315.41	323063.47	0:00	0	0:00	0
963	Commercial Structure	Non-Participating	325967.74	322498.16	0:00	0	0:00	0
964	Commercial Structure	Non-Participating	325980.82	322484.18	0:00	0	0:00	0
1049	Commercial Structure	Non-Participating	328125.66	325163.84	66:45	51	15:12	912
1059	Commercial Structure	Non-Participating	326784.08	325417.44	80:20	47	17:28	1048
1060	Commercial Structure	Non-Participating	326760.74	325408.08	76:34	46	17:12	1032
1061	Commercial Structure	Non-Participating	326756.94	325438.92	78:23	45	16:56	1016
1091	Commercial Structure	Non-Participating	326254.60	326996.09	0:00	0	0:00	0
1092	Commercial Structure	Non-Participating	326224.07	327002.47	0:00	0	0:00	0
1150	Commercial Structure	Non-Participating	328143.81	325119.83	74:56	50	17:00	1020
1184	Commercial Structure	Non-Participating	313440.44	327280.88	0:00	0	0:00	0
1185	Commercial Structure	Non-Participating	313466.59	327293.46	0:00	0	0:00	0
1186	Commercial Structure	Non-Participating	313875.09	328028.41	0:00	0	0:00	0
1187	Commercial Structure	Non-Participating	313829.70	328062.45	0:00	0	0:00	0
1188	Commercial Structure	Non-Participating	313761.74	329753.26	0:00	0	0:00	0
1189	Commercial Structure	Non-Participating	313729.73	329837.71	0:00	0	0:00	0
1190	Commercial Structure	Non-Participating	314929.54	330726.91	0:00	0	0:00	0
1191	Commercial Structure	Non-Participating	315060.14	330720.79	0:00	0	0:00	0
1192	Commercial Structure	Non-Participating	315658.34	331965.19	0:00	0	0:00	0
1193	Commercial Structure	Non-Participating	316935.91	332273.03	0:00	0	0:00	0
1194	Commercial Structure	Non-Participating	316947.95	332422.86	0:00	0	0:00	0
1195	Commercial Structure	Non-Participating	316169.44	332965.45	0:00	0	0:00	0
1196	Commercial Structure	Non-Participating	316758.90	332876.22	0:00	0	0:00	0
1197	Commercial Structure	Non-Participating	317197.05	333339.40	0:00	0	0:00	0
1198	Commercial Structure	Non-Participating	317174.52	332854.00	0:00	0	0:00	0
1199	Commercial Structure	Non-Participating	316386.66	332488.33	0:00	0	0:00	0
1200	Commercial Structure	Non-Participating	316519.11	332189.24	0:00	0	0:00	0
1201	Commercial Structure	Non-Participating	317054.67	332356.94	0:00	0	0:00	0
1202	Commercial Structure	Non-Participating	317497.42	332389.27	0:00	0	0:00	0
1203	Commercial Structure	Non-Participating	317129.72	332005.52	0:00	0	0:00	0
1205	Commercial Structure	Non-Participating	316552.94	331350.55	0:00	0	0:00	0
1206	Commercial Structure	Non-Participating	318548.81	333570.65	0:00	0	0:00	0
1207	Commercial Structure	Non-Participating	318550.86	333520.27	0:00	0	0:00	0
1208	Commercial Structure	Non-Participating	318757.04	333535.63	0:00	0	0:00	0
1209	Commercial Structure	Non-Participating	318798.66	333529.18	0:00	0	0:00	0
1210	Commercial Structure	Non-Participating	317665.63	333371.85	0:00	0	0:00	0
1211	Commercial Structure	Non-Participating	317574.33	333443.39	0:00	0	0:00	0

Table B-3.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1212	Commercial Structure	Non-Participating	317577.64	333567.28	0:00	0	0:00	0
1213	Commercial Structure	Non-Participating	319043.12	332018.21	0:00	0	0:00	0
1214	Commercial Structure	Non-Participating	318984.47	331982.38	0:00	0	0:00	0
1215	Commercial Structure	Non-Participating	319043.72	331989.19	0:00	0	0:00	0
1216	Commercial Structure	Non-Participating	318829.00	331235.83	0:00	0	0:00	0
1217	Commercial Structure	Non-Participating	318930.79	331010.26	0:00	0	0:00	0
1218	Commercial Structure	Non-Participating	318521.86	331385.19	0:00	0	0:00	0
1219	Commercial Structure	Non-Participating	316990.07	331355.74	0:00	0	0:00	0
1220	Commercial Structure	Non-Participating	317153.31	330927.47	0:00	0	0:00	0
1221	Commercial Structure	Non-Participating	316516.58	330767.62	0:00	0	0:00	0
1222	Commercial Structure	Non-Participating	317197.42	330681.04	0:00	0	0:00	0
1223	Commercial Structure	Non-Participating	317170.45	330328.82	0:00	0	0:00	0
1225	Commercial Structure	Non-Participating	314911.41	328530.07	17:42	28	3:19	199
1226	Commercial Structure	Non-Participating	315043.72	328781.92	16:36	26	2:40	160
1227	Commercial Structure	Non-Participating	314934.15	329075.60	0:00	0	0:00	0
1228	Commercial Structure	Non-Participating	314955.60	329149.14	0:00	0	0:00	0
1229	Commercial Structure	Non-Participating	314939.80	329460.45	0:00	0	0:00	0
1230	Commercial Structure	Non-Participating	314927.75	329518.35	0:00	0	0:00	0
1231	Commercial Structure	Non-Participating	314825.55	327739.02	14:47	29	4:33	273
1232	Commercial Structure	Non-Participating	314653.97	327784.84	11:05	26	3:19	199
1233	Commercial Structure	Non-Participating	314753.06	327794.03	12:46	27	3:49	229
1234	Commercial Structure	Non-Participating	314711.99	327778.39	12:07	27	3:39	219
1235	Commercial Structure	Non-Participating	315454.87	327175.91	21:40	35	6:43	403
1236	Commercial Structure	Non-Participating	315475.05	327212.91	21:56	36	6:45	405
1237	Commercial Structure	Non-Participating	315405.37	327147.26	20:02	33	6:14	374
1238	Commercial Structure	Non-Participating	315170.59	325499.32	0:00	0	0:00	0
1239	Commercial Structure	Non-Participating	314348.20	324591.35	0:00	0	0:00	0
1240	Commercial Structure	Non-Participating	315314.13	324313.46	0:00	0	0:00	0
1241	Commercial Structure	Non-Participating	315349.01	324311.26	0:00	0	0:00	0
1242	Commercial Structure	Non-Participating	315390.10	324283.71	0:00	0	0:00	0
1243	Commercial Structure	Non-Participating	315428.70	324266.54	0:00	0	0:00	0
1244	Commercial Structure	Non-Participating	315476.27	324367.27	0:00	0	0:00	0
1245	Commercial Structure	Non-Participating	315542.15	324354.33	0:00	0	0:00	0
1246	Commercial Structure	Non-Participating	315543.10	324285.40	0:00	0	0:00	0
1247	Commercial Structure	Non-Participating	315844.26	324258.42	0:00	0	0:00	0
1248	Commercial Structure	Non-Participating	315843.30	324326.60	0:00	0	0:00	0
1249	Commercial Structure	Non-Participating	315918.14	324134.88	0:00	0	0:00	0
1250	Commercial Structure	Non-Participating	316135.11	323349.77	0:00	0	0:00	0
1251	Commercial Structure	Non-Participating	315371.50	323262.12	0:00	0	0:00	0
1252	Commercial Structure	Non-Participating	317400.15	323519.27	0:00	0	0:00	0
1253	Commercial Structure	Non-Participating	317118.13	322733.94	0:00	0	0:00	0
1254	Commercial Structure	Non-Participating	317125.92	322799.87	0:00	0	0:00	0

Table B-3.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1257	Commercial Structure	Non-Participating	316791.17	328255.40	41:42	45	7:48	468
1258	Commercial Structure	Non-Participating	317913.19	329508.76	150:15	98	28:52	1732
1259	Commercial Structure	Non-Participating	319716.61	328291.80	137:57	57	29:07	1747
1260	Commercial Structure	Non-Participating	319529.03	328095.53	302:12	92	69:19	4159
1261	Commercial Structure	Non-Participating	318730.50	326926.95	25:06	27	4:33	273
1262	Commercial Structure	Non-Participating	320700.29	331210.19	0:00	0	0:00	0
1263	Commercial Structure	Non-Participating	319738.61	331519.96	0:00	0	0:00	0
1264	Commercial Structure	Non-Participating	319904.31	332434.29	0:00	0	0:00	0
1265	Commercial Structure	Non-Participating	321173.65	329286.32	0:00	0	0:00	0
1266	Commercial Structure	Non-Participating	323278.07	329951.57	0:00	0	0:00	0
1267	Commercial Structure	Non-Participating	323707.57	329330.15	0:00	0	0:00	0
1268	Commercial Structure	Non-Participating	324679.73	328352.22	0:00	0	0:00	0
1269	Commercial Structure	Non-Participating	323395.26	327982.27	0:00	0	0:00	0
1270	Commercial Structure	Non-Participating	323084.83	328686.47	0:00	0	0:00	0
1271	Commercial Structure	Non-Participating	323080.35	328736.99	0:00	0	0:00	0
1272	Commercial Structure	Non-Participating	323039.78	329283.93	0:00	0	0:00	0
1273	Commercial Structure	Non-Participating	322020.22	327682.87	0:00	0	0:00	0
1274	Commercial Structure	Non-Participating	322047.77	327725.22	0:00	0	0:00	0
1279	Commercial Structure	Non-Participating	320968.73	326553.80	122:22	54	37:39	2259
1280	Commercial Structure	Non-Participating	321254.53	325534.53	24:32	26	8:23	503
1281	Commercial Structure	Non-Participating	321221.18	325581.55	27:51	26	9:31	571
1282	Commercial Structure	Non-Participating	321149.23	325508.01	14:45	24	5:01	301
1284	Commercial Structure	Non-Participating	320397.03	325135.64	0:00	0	0:00	0
1285	Commercial Structure	Non-Participating	318552.58	323442.70	0:00	0	0:00	0
1287	Commercial Structure	Non-Participating	322320.89	320900.09	0:00	0	0:00	0
1288	Commercial Structure	Non-Participating	322369.45	320902.64	0:00	0	0:00	0
1492	Commercial Structure	Non-Participating	313894.23	327969.57	0:00	0	0:00	0
1527	Commercial Structure	Non-Participating	315658.45	332008.55	0:00	0	0:00	0
1627	Commercial Structure	Non-Participating	314945.39	329533.34	0:00	0	0:00	0
1987	Commercial Structure	Non-Participating	323098.47	329854.20	0:00	0	0:00	0
2206	Commercial Structure	Non-Participating	317327.51	323518.52	0:00	0	0:00	0
2208	Commercial Structure	Non-Participating	320100.68	321879.73	0:00	0	0:00	0
2213	Commercial Structure	Non-Participating	323193.95	320263.88	0:00	0	0:00	0
2216	Commercial Structure	Non-Participating	321249.84	322604.17	0:00	0	0:00	0
2217	Commercial Structure	Non-Participating	322343.19	320869.37	0:00	0	0:00	0
2229	Commercial Structure	Non-Participating	315921.17	324146.19	0:00	0	0:00	0
2230	Commercial Structure	Non-Participating	316975.16	322730.67	0:00	0	0:00	0
2240	Commercial Structure	Non-Participating	315969.51	324133.00	0:00	0	0:00	0
2243	Commercial Structure	Non-Participating	315914.55	324121.56	0:00	0	0:00	0
2251	Commercial Structure	Non-Participating	315896.11	324135.52	0:00	0	0:00	0
2257	Commercial Structure	Non-Participating	320099.24	321915.01	0:00	0	0:00	0
2258	Commercial Structure	Non-Participating	315364.83	323338.76	0:00	0	0:00	0

Table B-3.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2270	Commercial Structure	Non-Participating	315430.40	323269.90	0:00	0	0:00	0
2286	Commercial Structure	Non-Participating	315437.58	323321.57	0:00	0	0:00	0
2293	Commercial Structure	Non-Participating	319039.77	327028.97	8:21	22	2:05	125
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Commercial Receptors								
<b>1260</b>	<b>Commercial Structure</b>	<b>Non-Participating</b>	<b>319529.03</b>	<b>328095.53</b>	<b>302:12</b>	<b>92</b>	<b>69:19</b>	<b>4159</b>
<b>786</b>	<b>Commercial Structure</b>	<b>Non-Participating</b>	<b>326264.66</b>	<b>322442.15</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-3.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1260	Commercial Structure	Non-Participating	319529.03	328095.53	302:12	92	69:19	4159
1279	Commercial Structure	Non-Participating	320968.73	326553.80	122:22	54	37:39	2259
1259	Commercial Structure	Non-Participating	319716.61	328291.80	137:57	57	29:07	1747
1258	Commercial Structure	Non-Participating	317913.19	329508.76	150:15	98	28:52	1732
908	Commercial Structure	Non-Participating	326886.97	324041.92	83:22	55	25:10	1510
895	Commercial Structure	Non-Participating	322899.49	326164.75	74:30	47	23:49	1429
1059	Commercial Structure	Non-Participating	326784.08	325417.44	80:20	47	17:28	1048
1060	Commercial Structure	Non-Participating	326760.74	325408.08	76:34	46	17:12	1032
1150	Commercial Structure	Non-Participating	328143.81	325119.83	74:56	50	17:00	1020
1061	Commercial Structure	Non-Participating	326756.94	325438.92	78:23	45	16:56	1016
1049	Commercial Structure	Non-Participating	328125.66	325163.84	66:45	51	15:12	912
896	Commercial Structure	Non-Participating	323108.08	325529.65	56:46	47	9:40	580
1281	Commercial Structure	Non-Participating	321221.18	325581.55	27:51	26	9:31	571
1280	Commercial Structure	Non-Participating	321254.53	325534.53	24:32	26	8:23	503
1257	Commercial Structure	Non-Participating	316791.17	328255.40	41:42	45	7:48	468
1236	Commercial Structure	Non-Participating	315475.05	327212.91	21:56	36	6:45	405
1235	Commercial Structure	Non-Participating	315454.87	327175.91	21:40	35	6:43	403
867	Commercial Structure	Non-Participating	327596.29	325488.73	44:31	61	6:25	385
1237	Commercial Structure	Non-Participating	315405.37	327147.26	20:02	33	6:14	374
1282	Commercial Structure	Non-Participating	321149.23	325508.01	14:45	24	5:01	301
1231	Commercial Structure	Non-Participating	314825.55	327739.02	14:47	29	4:33	273
1261	Commercial Structure	Non-Participating	318730.50	326926.95	25:06	27	4:33	273
1233	Commercial Structure	Non-Participating	314753.06	327794.03	12:46	27	3:49	229
1234	Commercial Structure	Non-Participating	314711.99	327778.39	12:07	27	3:39	219
861	Commercial Structure	Non-Participating	328653.44	325408.38	14:11	29	3:21	201
1225	Commercial Structure	Non-Participating	314911.41	328530.07	17:42	28	3:19	199
1232	Commercial Structure	Non-Participating	314653.97	327784.84	11:05	26	3:19	199
862	Commercial Structure	Non-Participating	328675.56	325406.89	13:39	28	3:14	194
859	Commercial Structure	Non-Participating	328710.70	325353.49	13:06	28	3:13	193
860	Commercial Structure	Non-Participating	328756.72	325324.20	12:12	27	3:03	183
1226	Commercial Structure	Non-Participating	315043.72	328781.92	16:36	26	2:40	160
890	Commercial Structure	Non-Participating	324559.88	327442.96	15:08	27	2:38	158
886	Commercial Structure	Non-Participating	324599.84	327424.06	13:55	26	2:31	151
887	Commercial Structure	Non-Participating	324647.98	327382.79	12:33	25	2:28	148
889	Commercial Structure	Non-Participating	324684.55	327361.27	11:44	25	2:24	144
888	Commercial Structure	Non-Participating	324680.40	327408.17	11:58	25	2:19	139
2293	Commercial Structure	Non-Participating	319039.77	327028.97	8:21	22	2:05	125
786	Commercial Structure	Non-Participating	326264.66	322442.15	0:00	0	0:00	0
801	Commercial Structure	Non-Participating	326373.45	322347.58	0:00	0	0:00	0
802	Commercial Structure	Non-Participating	326414.50	322338.51	0:00	0	0:00	0
803	Commercial Structure	Non-Participating	326429.99	322351.13	0:00	0	0:00	0
804	Commercial Structure	Non-Participating	326404.21	322310.72	0:00	0	0:00	0

Table B-3.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
805	Commercial Structure	Non-Participating	326421.77	322309.42	0:00	0	0:00	0
806	Commercial Structure	Non-Participating	326603.40	321871.81	0:00	0	0:00	0
807	Commercial Structure	Non-Participating	326726.92	321087.38	0:00	0	0:00	0
808	Commercial Structure	Non-Participating	326549.53	321849.80	0:00	0	0:00	0
809	Commercial Structure	Non-Participating	326539.86	321806.30	0:00	0	0:00	0
810	Commercial Structure	Non-Participating	326557.31	321777.19	0:00	0	0:00	0
811	Commercial Structure	Non-Participating	326336.49	320585.70	0:00	0	0:00	0
812	Commercial Structure	Non-Participating	326399.55	320562.53	0:00	0	0:00	0
813	Commercial Structure	Non-Participating	326346.09	320492.51	0:00	0	0:00	0
814	Commercial Structure	Non-Participating	326327.27	320465.91	0:00	0	0:00	0
815	Commercial Structure	Non-Participating	326792.14	320579.84	0:00	0	0:00	0
816	Commercial Structure	Non-Participating	326754.32	320884.85	0:00	0	0:00	0
817	Commercial Structure	Non-Participating	326737.57	321059.58	0:00	0	0:00	0
818	Commercial Structure	Non-Participating	326798.96	321341.16	0:00	0	0:00	0
819	Commercial Structure	Non-Participating	326807.07	321302.28	0:00	0	0:00	0
820	Commercial Structure	Non-Participating	326702.66	321341.20	0:00	0	0:00	0
821	Commercial Structure	Non-Participating	326872.23	322301.65	0:00	0	0:00	0
822	Commercial Structure	Non-Participating	326744.62	322324.43	0:00	0	0:00	0
823	Commercial Structure	Non-Participating	326470.04	322337.65	0:00	0	0:00	0
824	Commercial Structure	Non-Participating	326613.12	322339.93	0:00	0	0:00	0
825	Commercial Structure	Non-Participating	326622.31	322339.94	0:00	0	0:00	0
826	Commercial Structure	Non-Participating	326524.80	322329.06	0:00	0	0:00	0
827	Commercial Structure	Non-Participating	326526.56	322316.82	0:00	0	0:00	0
828	Commercial Structure	Non-Participating	326507.70	322340.68	0:00	0	0:00	0
829	Commercial Structure	Non-Participating	326623.22	322406.58	0:00	0	0:00	0
830	Commercial Structure	Non-Participating	326662.83	322393.05	0:00	0	0:00	0
831	Commercial Structure	Non-Participating	326698.57	322407.78	0:00	0	0:00	0
832	Commercial Structure	Non-Participating	326705.84	322380.11	0:00	0	0:00	0
833	Commercial Structure	Non-Participating	326642.84	322336.01	0:00	0	0:00	0
834	Commercial Structure	Non-Participating	326653.78	322333.81	0:00	0	0:00	0
835	Commercial Structure	Non-Participating	326691.48	322334.94	0:00	0	0:00	0
836	Commercial Structure	Non-Participating	326727.81	322314.44	0:00	0	0:00	0
837	Commercial Structure	Non-Participating	326032.81	322513.18	0:00	0	0:00	0
838	Commercial Structure	Non-Participating	326145.81	322534.20	0:00	0	0:00	0
839	Commercial Structure	Non-Participating	326342.02	322416.46	0:00	0	0:00	0
840	Commercial Structure	Non-Participating	326350.14	322438.44	0:00	0	0:00	0
841	Commercial Structure	Non-Participating	326469.70	322441.45	0:00	0	0:00	0
842	Commercial Structure	Non-Participating	326376.45	322564.00	0:00	0	0:00	0
843	Commercial Structure	Non-Participating	325759.82	323322.37	0:00	0	0:00	0
844	Commercial Structure	Non-Participating	325740.19	323337.00	0:00	0	0:00	0
845	Commercial Structure	Non-Participating	326753.76	322380.97	0:00	0	0:00	0
846	Commercial Structure	Non-Participating	326842.61	322368.55	0:00	0	0:00	0

Table B-3.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
847	Commercial Structure	Non-Participating	326909.27	322383.24	0:00	0	0:00	0
848	Commercial Structure	Non-Participating	327096.33	323214.71	0:00	0	0:00	0
849	Commercial Structure	Non-Participating	326918.38	323142.80	0:00	0	0:00	0
850	Commercial Structure	Non-Participating	325668.01	322435.87	0:00	0	0:00	0
851	Commercial Structure	Non-Participating	325458.73	322571.29	0:00	0	0:00	0
852	Commercial Structure	Non-Participating	324850.73	322721.32	0:00	0	0:00	0
853	Commercial Structure	Non-Participating	329943.46	322692.19	0:00	0	0:00	0
854	Commercial Structure	Non-Participating	330223.72	324046.85	0:00	0	0:00	0
855	Commercial Structure	Non-Participating	330195.71	324002.07	0:00	0	0:00	0
856	Commercial Structure	Non-Participating	329907.28	325246.13	0:00	0	0:00	0
857	Commercial Structure	Non-Participating	329917.99	325197.62	0:00	0	0:00	0
858	Commercial Structure	Non-Participating	330577.78	324980.78	0:00	0	0:00	0
868	Commercial Structure	Non-Participating	327979.96	326127.99	0:00	0	0:00	0
869	Commercial Structure	Non-Participating	328439.34	322877.77	0:00	0	0:00	0
870	Commercial Structure	Non-Participating	328882.40	327283.22	0:00	0	0:00	0
871	Commercial Structure	Non-Participating	328117.17	327710.65	0:00	0	0:00	0
872	Commercial Structure	Non-Participating	327896.27	327050.13	0:00	0	0:00	0
873	Commercial Structure	Non-Participating	327869.74	327131.21	0:00	0	0:00	0
874	Commercial Structure	Non-Participating	327840.67	326878.11	0:00	0	0:00	0
875	Commercial Structure	Non-Participating	327924.85	327031.61	0:00	0	0:00	0
876	Commercial Structure	Non-Participating	327824.72	327032.53	0:00	0	0:00	0
877	Commercial Structure	Non-Participating	327834.39	327014.23	0:00	0	0:00	0
879	Commercial Structure	Non-Participating	325821.88	326863.09	0:00	0	0:00	0
880	Commercial Structure	Non-Participating	325860.85	326827.94	0:00	0	0:00	0
881	Commercial Structure	Non-Participating	325203.08	326885.94	0:00	0	0:00	0
882	Commercial Structure	Non-Participating	325255.52	326965.72	0:00	0	0:00	0
883	Commercial Structure	Non-Participating	325194.43	326807.16	0:00	0	0:00	0
884	Commercial Structure	Non-Participating	325264.53	326847.48	0:00	0	0:00	0
885	Commercial Structure	Non-Participating	324639.52	328386.11	0:00	0	0:00	0
909	Commercial Structure	Non-Participating	328315.41	323063.47	0:00	0	0:00	0
963	Commercial Structure	Non-Participating	325967.74	322498.16	0:00	0	0:00	0
964	Commercial Structure	Non-Participating	325980.82	322484.18	0:00	0	0:00	0
1091	Commercial Structure	Non-Participating	326254.60	326996.09	0:00	0	0:00	0
1092	Commercial Structure	Non-Participating	326224.07	327002.47	0:00	0	0:00	0
1184	Commercial Structure	Non-Participating	313440.44	327280.88	0:00	0	0:00	0
1185	Commercial Structure	Non-Participating	313466.59	327293.46	0:00	0	0:00	0
1186	Commercial Structure	Non-Participating	313875.09	328028.41	0:00	0	0:00	0
1187	Commercial Structure	Non-Participating	313829.70	328062.45	0:00	0	0:00	0
1188	Commercial Structure	Non-Participating	313761.74	329753.26	0:00	0	0:00	0
1189	Commercial Structure	Non-Participating	313729.73	329837.71	0:00	0	0:00	0
1190	Commercial Structure	Non-Participating	314929.54	330726.91	0:00	0	0:00	0
1191	Commercial Structure	Non-Participating	315060.14	330720.79	0:00	0	0:00	0



Table B-3.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1192	Commercial Structure	Non-Participating	315658.34	331965.19	0:00	0	0:00	0
1193	Commercial Structure	Non-Participating	316935.91	332273.03	0:00	0	0:00	0
1194	Commercial Structure	Non-Participating	316947.95	332422.86	0:00	0	0:00	0
1195	Commercial Structure	Non-Participating	316169.44	332965.45	0:00	0	0:00	0
1196	Commercial Structure	Non-Participating	316758.90	332876.22	0:00	0	0:00	0
1197	Commercial Structure	Non-Participating	317197.05	333339.40	0:00	0	0:00	0
1198	Commercial Structure	Non-Participating	317174.52	332854.00	0:00	0	0:00	0
1199	Commercial Structure	Non-Participating	316386.66	332488.33	0:00	0	0:00	0
1200	Commercial Structure	Non-Participating	316519.11	332189.24	0:00	0	0:00	0
1201	Commercial Structure	Non-Participating	317054.67	332356.94	0:00	0	0:00	0
1202	Commercial Structure	Non-Participating	317497.42	332389.27	0:00	0	0:00	0
1203	Commercial Structure	Non-Participating	317129.72	332005.52	0:00	0	0:00	0
1205	Commercial Structure	Non-Participating	316552.94	331350.55	0:00	0	0:00	0
1206	Commercial Structure	Non-Participating	318548.81	333570.65	0:00	0	0:00	0
1207	Commercial Structure	Non-Participating	318550.86	333520.27	0:00	0	0:00	0
1208	Commercial Structure	Non-Participating	318757.04	333535.63	0:00	0	0:00	0
1209	Commercial Structure	Non-Participating	318798.66	333529.18	0:00	0	0:00	0
1210	Commercial Structure	Non-Participating	317665.63	333371.85	0:00	0	0:00	0
1211	Commercial Structure	Non-Participating	317574.33	333443.39	0:00	0	0:00	0
1212	Commercial Structure	Non-Participating	317577.64	333567.28	0:00	0	0:00	0
1213	Commercial Structure	Non-Participating	319043.12	332018.21	0:00	0	0:00	0
1214	Commercial Structure	Non-Participating	318984.47	331982.38	0:00	0	0:00	0
1215	Commercial Structure	Non-Participating	319043.72	331989.19	0:00	0	0:00	0
1216	Commercial Structure	Non-Participating	318829.00	331235.83	0:00	0	0:00	0
1217	Commercial Structure	Non-Participating	318930.79	331010.26	0:00	0	0:00	0
1218	Commercial Structure	Non-Participating	318521.86	331385.19	0:00	0	0:00	0
1219	Commercial Structure	Non-Participating	316990.07	331355.74	0:00	0	0:00	0
1220	Commercial Structure	Non-Participating	317153.31	330927.47	0:00	0	0:00	0
1221	Commercial Structure	Non-Participating	316516.58	330767.62	0:00	0	0:00	0
1222	Commercial Structure	Non-Participating	317197.42	330681.04	0:00	0	0:00	0
1223	Commercial Structure	Non-Participating	317170.45	330328.82	0:00	0	0:00	0
1227	Commercial Structure	Non-Participating	314934.15	329075.60	0:00	0	0:00	0
1228	Commercial Structure	Non-Participating	314955.60	329149.14	0:00	0	0:00	0
1229	Commercial Structure	Non-Participating	314939.80	329460.45	0:00	0	0:00	0
1230	Commercial Structure	Non-Participating	314927.75	329518.35	0:00	0	0:00	0
1238	Commercial Structure	Non-Participating	315170.59	325499.32	0:00	0	0:00	0
1239	Commercial Structure	Non-Participating	314348.20	324591.35	0:00	0	0:00	0
1240	Commercial Structure	Non-Participating	315314.13	324313.46	0:00	0	0:00	0
1241	Commercial Structure	Non-Participating	315349.01	324311.26	0:00	0	0:00	0
1242	Commercial Structure	Non-Participating	315390.10	324283.71	0:00	0	0:00	0
1243	Commercial Structure	Non-Participating	315428.70	324266.54	0:00	0	0:00	0
1244	Commercial Structure	Non-Participating	315476.27	324367.27	0:00	0	0:00	0

Table B-3.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1245	Commercial Structure	Non-Participating	315542.15	324354.33	0:00	0	0:00	0
1246	Commercial Structure	Non-Participating	315543.10	324285.40	0:00	0	0:00	0
1247	Commercial Structure	Non-Participating	315844.26	324258.42	0:00	0	0:00	0
1248	Commercial Structure	Non-Participating	315843.30	324326.60	0:00	0	0:00	0
1249	Commercial Structure	Non-Participating	315918.14	324134.88	0:00	0	0:00	0
1250	Commercial Structure	Non-Participating	316135.11	323349.77	0:00	0	0:00	0
1251	Commercial Structure	Non-Participating	315371.50	323262.12	0:00	0	0:00	0
1252	Commercial Structure	Non-Participating	317400.15	323519.27	0:00	0	0:00	0
1253	Commercial Structure	Non-Participating	317118.13	322733.94	0:00	0	0:00	0
1254	Commercial Structure	Non-Participating	317125.92	322799.87	0:00	0	0:00	0
1262	Commercial Structure	Non-Participating	320700.29	331210.19	0:00	0	0:00	0
1263	Commercial Structure	Non-Participating	319738.61	331519.96	0:00	0	0:00	0
1264	Commercial Structure	Non-Participating	319904.31	332434.29	0:00	0	0:00	0
1265	Commercial Structure	Non-Participating	321173.65	329286.32	0:00	0	0:00	0
1266	Commercial Structure	Non-Participating	323278.07	329951.57	0:00	0	0:00	0
1267	Commercial Structure	Non-Participating	323707.57	329330.15	0:00	0	0:00	0
1268	Commercial Structure	Non-Participating	324679.73	328352.22	0:00	0	0:00	0
1269	Commercial Structure	Non-Participating	323395.26	327982.27	0:00	0	0:00	0
1270	Commercial Structure	Non-Participating	323084.83	328686.47	0:00	0	0:00	0
1271	Commercial Structure	Non-Participating	323080.35	328736.99	0:00	0	0:00	0
1272	Commercial Structure	Non-Participating	323039.78	329283.93	0:00	0	0:00	0
1273	Commercial Structure	Non-Participating	322020.22	327682.87	0:00	0	0:00	0
1274	Commercial Structure	Non-Participating	322047.77	327725.22	0:00	0	0:00	0
1284	Commercial Structure	Non-Participating	320397.03	325135.64	0:00	0	0:00	0
1285	Commercial Structure	Non-Participating	318552.58	323442.70	0:00	0	0:00	0
1287	Commercial Structure	Non-Participating	322320.89	320900.09	0:00	0	0:00	0
1288	Commercial Structure	Non-Participating	322369.45	320902.64	0:00	0	0:00	0
1492	Commercial Structure	Non-Participating	313894.23	327969.57	0:00	0	0:00	0
1527	Commercial Structure	Non-Participating	315658.45	332008.55	0:00	0	0:00	0
1627	Commercial Structure	Non-Participating	314945.39	329533.34	0:00	0	0:00	0
1987	Commercial Structure	Non-Participating	323098.47	329854.20	0:00	0	0:00	0
2206	Commercial Structure	Non-Participating	317327.51	323518.52	0:00	0	0:00	0
2208	Commercial Structure	Non-Participating	320100.68	321879.73	0:00	0	0:00	0
2213	Commercial Structure	Non-Participating	323193.95	320263.88	0:00	0	0:00	0
2216	Commercial Structure	Non-Participating	321249.84	322604.17	0:00	0	0:00	0
2217	Commercial Structure	Non-Participating	322343.19	320869.37	0:00	0	0:00	0
2229	Commercial Structure	Non-Participating	315921.17	324146.19	0:00	0	0:00	0
2230	Commercial Structure	Non-Participating	316975.16	322730.67	0:00	0	0:00	0
2240	Commercial Structure	Non-Participating	315969.51	324133.00	0:00	0	0:00	0
2243	Commercial Structure	Non-Participating	315914.55	324121.56	0:00	0	0:00	0
2251	Commercial Structure	Non-Participating	315896.11	324135.52	0:00	0	0:00	0
2257	Commercial Structure	Non-Participating	320099.24	321915.01	0:00	0	0:00	0

Table B-3.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2258	Commercial Structure	Non-Participating	315364.83	323338.76	0:00	0	0:00	0
2270	Commercial Structure	Non-Participating	315430.40	323269.90	0:00	0	0:00	0
2286	Commercial Structure	Non-Participating	315437.58	323321.57	0:00	0	0:00	0
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Commercial Receptors								
<b>1260</b>	<b>Commercial Structure</b>	<b>Non-Participating</b>	<b>319529.03</b>	<b>328095.53</b>	<b>302:12</b>	<b>92</b>	<b>69:19</b>	<b>4159</b>
<b>786</b>	<b>Commercial Structure</b>	<b>Non-Participating</b>	<b>326264.66</b>	<b>322442.15</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-3.g: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
863	Commercial Structure	Participating	326938.34	324133.53	154:15	85	47:00	2820
864	Commercial Structure	Participating	326936.63	324109.24	127:13	80	38:41	2321
865	Commercial Structure	Participating	326890.63	324202.23	198:30	78	60:32	3632
866	Commercial Structure	Participating	326722.74	324654.27	198:44	64	52:41	3161
891	Commercial Structure	Participating	325020.34	323873.12	17:08	31	5:20	320
892	Commercial Structure	Participating	325072.97	323854.29	19:05	32	5:59	359
893	Commercial Structure	Participating	325088.85	323872.96	19:23	33	6:04	364
894	Commercial Structure	Participating	325043.35	323895.90	17:27	31	5:25	325
1255	Commercial Structure	Participating	316600.41	326929.55	77:08	54	15:38	938
1256	Commercial Structure	Participating	316643.98	326988.51	80:14	55	15:19	919
1276	Commercial Structure	Participating	322673.89	326481.58	209:26	98	57:59	3479
1277	Commercial Structure	Participating	322695.59	326402.22	202:17	92	59:43	3583
1278	Commercial Structure	Participating	321024.39	326811.30	89:06	45	23:04	1384
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0
1879	Commercial Structure	Participating	318832.28	328834.77	226:01	112	67:06	4026
Summary of Maximum and Minimum Shadow Flicker for Participating Commercial Receptors								
<b>1879</b>	<b>Commercial Structure</b>	<b>Participating</b>	<b>318832.28</b>	<b>328834.77</b>	<b>226:01</b>	<b>112</b>	<b>67:06</b>	<b>4026</b>
<b>1283</b>	<b>Commercial Structure</b>	<b>Participating</b>	<b>321581.82</b>	<b>325517.59</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-3.h: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1879	Commercial Structure	Participating	318832.28	328834.77	226:01	112	67:06	4026
865	Commercial Structure	Participating	326890.63	324202.23	198:30	78	60:32	3632
1277	Commercial Structure	Participating	322695.59	326402.22	202:17	92	59:43	3583
1276	Commercial Structure	Participating	322673.89	326481.58	209:26	98	57:59	3479
866	Commercial Structure	Participating	326722.74	324654.27	198:44	64	52:41	3161
863	Commercial Structure	Participating	326938.34	324133.53	154:15	85	47:00	2820
864	Commercial Structure	Participating	326936.63	324109.24	127:13	80	38:41	2321
1278	Commercial Structure	Participating	321024.39	326811.30	89:06	45	23:04	1384
1255	Commercial Structure	Participating	316600.41	326929.55	77:08	54	15:38	938
1256	Commercial Structure	Participating	316643.98	326988.51	80:14	55	15:19	919
893	Commercial Structure	Participating	325088.85	323872.96	19:23	33	6:04	364
892	Commercial Structure	Participating	325072.97	323854.29	19:05	32	5:59	359
894	Commercial Structure	Participating	325043.35	323895.90	17:27	31	5:25	325
891	Commercial Structure	Participating	325020.34	323873.12	17:08	31	5:20	320
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Commercial Receptors								
<b>1879</b>	<b>Commercial Structure</b>	<b>Participating</b>	<b>318832.28</b>	<b>328834.77</b>	<b>226:01</b>	<b>112</b>	<b>67:06</b>	<b>4026</b>
<b>1283</b>	<b>Commercial Structure</b>	<b>Participating</b>	<b>321581.82</b>	<b>325517.59</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-3.i: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Unknown and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
898	Unknown Structure	Non-Participating	326322.80	321709.65	0:00	0	0:00	0
1083	Unknown Structure	Non-Participating	328546.33	327053.66	0:00	0	0:00	0
1146	Unknown Structure	Non-Participating	329683.95	322204.83	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Unknown Receptors								
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0

Table B-3.j: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Unknown and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
898	Unknown Structure	Non-Participating	326322.80	321709.65	0:00	0	0:00	0
1083	Unknown Structure	Non-Participating	328546.33	327053.66	0:00	0	0:00	0
1146	Unknown Structure	Non-Participating	329683.95	322204.83	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Unknown Receptors								
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0

Table B-3.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
118	Other Structure	Non-Participating	327569.77	320414.73	0:00	0	0:00	0
412	Other Structure	Non-Participating	324040.99	321207.79	0:00	0	0:00	0
462	Other Structure	Non-Participating	329939.45	323374.80	0:00	0	0:00	0
481	Other Structure	Non-Participating	330069.15	325088.93	0:00	0	0:00	0
484	Uninhabitable Residence	Non-Participating	330020.52	325091.57	0:00	0	0:00	0
491	Uninhabitable Residence	Non-Participating	330035.16	325306.41	0:00	0	0:00	0
589	Other Structure	Non-Participating	329922.72	326463.19	0:00	0	0:00	0
602	Other Structure	Non-Participating	328697.73	327290.64	0:00	0	0:00	0
620	Other Structure	Non-Participating	326649.95	325722.39	91:16	72	14:48	888
680	Other Structure	Non-Participating	324991.12	327110.03	0:00	0	0:00	0
695	Other Structure	Non-Participating	324019.12	325983.44	0:00	0	0:00	0
749	Uninhabitable Residence	Non-Participating	325427.50	322587.59	0:00	0	0:00	0
750	Uninhabitable Residence	Non-Participating	326658.78	325974.90	12:03	26	1:39	99
911	Other Structure	Non-Participating	325747.79	321829.83	0:00	0	0:00	0
912	Other Structure	Non-Participating	325960.03	322090.44	0:00	0	0:00	0
913	Other Structure	Non-Participating	325499.84	322229.46	0:00	0	0:00	0
914	Other Structure	Non-Participating	326295.10	322331.28	0:00	0	0:00	0
915	Other Structure	Non-Participating	326388.80	322259.82	0:00	0	0:00	0
916	Other Structure	Non-Participating	326429.68	322190.25	0:00	0	0:00	0
917	Other Structure	Non-Participating	326399.39	322105.37	0:00	0	0:00	0
918	Other Structure	Non-Participating	326563.95	322013.34	0:00	0	0:00	0
919	Other Structure	Non-Participating	326537.42	321888.32	0:00	0	0:00	0
920	Other Structure	Non-Participating	326174.55	321181.43	0:00	0	0:00	0
921	Other Structure	Non-Participating	326695.44	320839.11	0:00	0	0:00	0
922	Other Structure	Non-Participating	326433.16	320452.94	0:00	0	0:00	0
923	Other Structure	Non-Participating	326392.99	320462.32	0:00	0	0:00	0
924	Other Structure	Non-Participating	326312.09	320527.43	0:00	0	0:00	0
925	Other Structure	Non-Participating	326299.87	320512.13	0:00	0	0:00	0
926	Other Structure	Non-Participating	326433.12	320563.38	0:00	0	0:00	0
927	Other Structure	Non-Participating	326419.88	320541.47	0:00	0	0:00	0
928	Other Structure	Non-Participating	326720.68	320546.98	0:00	0	0:00	0
929	Other Structure	Non-Participating	326830.93	320538.82	0:00	0	0:00	0
930	Other Structure	Non-Participating	326792.98	320808.69	0:00	0	0:00	0
931	Other Structure	Non-Participating	326848.21	321346.14	0:00	0	0:00	0
932	Other Structure	Non-Participating	326780.51	321324.08	0:00	0	0:00	0
933	Other Structure	Non-Participating	326687.19	321466.29	0:00	0	0:00	0
934	Other Structure	Non-Participating	326712.29	321464.80	0:00	0	0:00	0
935	Other Structure	Non-Participating	327396.16	321276.88	0:00	0	0:00	0
936	Other Structure	Non-Participating	327362.15	320889.53	0:00	0	0:00	0
937	Other Structure	Non-Participating	327412.58	320667.15	0:00	0	0:00	0
938	Other Structure	Non-Participating	327449.21	320721.84	0:00	0	0:00	0
939	Other Structure	Non-Participating	327312.78	320545.75	0:00	0	0:00	0



Table B-3.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
941	Other Structure	Non-Participating	327390.99	320332.02	0:00	0	0:00	0
942	Other Structure	Non-Participating	327919.48	320363.21	0:00	0	0:00	0
943	Other Structure	Non-Participating	328257.65	320555.28	0:00	0	0:00	0
944	Other Structure	Non-Participating	328149.72	320630.22	0:00	0	0:00	0
945	Other Structure	Non-Participating	328309.79	320741.05	0:00	0	0:00	0
946	Other Structure	Non-Participating	328233.43	320990.58	0:00	0	0:00	0
947	Other Structure	Non-Participating	328235.42	321359.05	0:00	0	0:00	0
948	Other Structure	Non-Participating	328286.16	321910.65	0:00	0	0:00	0
949	Other Structure	Non-Participating	328288.12	322112.27	0:00	0	0:00	0
950	Other Structure	Non-Participating	328226.29	322129.06	0:00	0	0:00	0
951	Other Structure	Non-Participating	326739.25	322251.25	0:00	0	0:00	0
952	Other Structure	Non-Participating	326828.03	322230.17	0:00	0	0:00	0
953	Other Structure	Non-Participating	326827.94	322215.81	0:00	0	0:00	0
954	Other Structure	Non-Participating	326824.93	322048.39	0:00	0	0:00	0
955	Other Structure	Non-Participating	326714.74	322072.12	0:00	0	0:00	0
956	Other Structure	Non-Participating	326656.71	322061.58	0:00	0	0:00	0
957	Other Structure	Non-Participating	326693.96	322078.13	0:00	0	0:00	0
958	Other Structure	Non-Participating	326519.94	322211.94	0:00	0	0:00	0
959	Other Structure	Non-Participating	326630.13	322222.25	0:00	0	0:00	0
960	Other Structure	Non-Participating	326632.01	322281.28	0:00	0	0:00	0
961	Other Structure	Non-Participating	326633.24	322312.83	0:00	0	0:00	0
962	Other Structure	Non-Participating	326665.42	322305.33	0:00	0	0:00	0
965	Other Structure	Non-Participating	326196.23	322564.38	0:00	0	0:00	0
966	Other Structure	Non-Participating	326383.45	322524.57	0:00	0	0:00	0
967	Other Structure	Non-Participating	326324.75	322541.18	0:00	0	0:00	0
968	Other Structure	Non-Participating	326550.76	322425.15	0:00	0	0:00	0
970	Other Structure	Non-Participating	326730.97	322488.43	0:00	0	0:00	0
971	Other Structure	Non-Participating	326995.35	322437.26	0:00	0	0:00	0
972	Other Structure	Non-Participating	327041.02	322689.95	0:00	0	0:00	0
973	Other Structure	Non-Participating	327002.98	322848.57	0:00	0	0:00	0
974	Other Structure	Non-Participating	327078.81	323018.33	0:00	0	0:00	0
975	Other Structure	Non-Participating	327112.66	323288.45	0:00	0	0:00	0
976	Other Structure	Non-Participating	327115.74	322224.52	0:00	0	0:00	0
977	Other Structure	Non-Participating	327222.72	322271.45	0:00	0	0:00	0
978	Other Structure	Non-Participating	327125.55	322375.49	0:00	0	0:00	0
979	Other Structure	Non-Participating	327215.16	322375.70	0:00	0	0:00	0
980	Other Structure	Non-Participating	327276.94	322360.52	0:00	0	0:00	0
981	Other Structure	Non-Participating	327411.08	322406.05	0:00	0	0:00	0
982	Other Structure	Non-Participating	327465.45	322338.70	0:00	0	0:00	0
983	Other Structure	Non-Participating	327627.60	322413.81	0:00	0	0:00	0
984	Other Structure	Non-Participating	327790.78	322121.55	0:00	0	0:00	0
985	Other Structure	Non-Participating	327833.48	322215.18	0:00	0	0:00	0

Table B-3.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
986	Other Structure	Non-Participating	327788.28	322178.27	0:00	0	0:00	0
987	Other Structure	Non-Participating	328207.05	322302.38	0:00	0	0:00	0
988	Other Structure	Non-Participating	328602.70	322447.82	0:00	0	0:00	0
989	Other Structure	Non-Participating	329035.18	322249.44	0:00	0	0:00	0
990	Other Structure	Non-Participating	329252.46	322156.17	0:00	0	0:00	0
991	Other Structure	Non-Participating	329914.09	321570.03	0:00	0	0:00	0
992	Other Structure	Non-Participating	329968.23	321343.49	0:00	0	0:00	0
993	Other Structure	Non-Participating	325120.41	322599.65	0:00	0	0:00	0
994	Other Structure	Non-Participating	324446.37	322763.30	0:00	0	0:00	0
995	Other Structure	Non-Participating	324374.20	322447.69	0:00	0	0:00	0
996	Other Structure	Non-Participating	324339.02	322221.96	0:00	0	0:00	0
997	Other Structure	Non-Participating	324148.28	321742.60	0:00	0	0:00	0
999	Other Structure	Non-Participating	324301.43	321524.92	0:00	0	0:00	0
1000	Other Structure	Non-Participating	324271.58	321564.88	0:00	0	0:00	0
1001	Other Structure	Non-Participating	324229.01	321561.68	0:00	0	0:00	0
1002	Other Structure	Non-Participating	324338.95	321479.73	0:00	0	0:00	0
1004	Other Structure	Non-Participating	323941.87	321372.15	0:00	0	0:00	0
1005	Other Structure	Non-Participating	325147.48	321608.38	0:00	0	0:00	0
1006	Other Structure	Non-Participating	324722.36	321815.03	0:00	0	0:00	0
1007	Other Structure	Non-Participating	325728.29	321416.90	0:00	0	0:00	0
1008	Other Structure	Non-Participating	324178.87	322397.91	0:00	0	0:00	0
1009	Other Structure	Non-Participating	323718.82	322666.55	0:00	0	0:00	0
1010	Other Structure	Non-Participating	323730.40	322622.06	0:00	0	0:00	0
1011	Other Structure	Non-Participating	323958.93	323146.08	0:00	0	0:00	0
1012	Other Structure	Non-Participating	324001.40	322885.14	0:00	0	0:00	0
1013	Other Structure	Non-Participating	323766.56	323030.05	0:00	0	0:00	0
1014	Other Structure	Non-Participating	323889.82	323141.21	0:00	0	0:00	0
1015	Other Structure	Non-Participating	323840.09	323165.41	0:00	0	0:00	0
1016	Other Structure	Non-Participating	323567.31	323030.20	0:00	0	0:00	0
1018	Other Structure	Non-Participating	322768.96	323596.52	130:49	73	41:24	2484
1019	Other Structure	Non-Participating	322667.63	323521.29	91:20	60	29:01	1741
1020	Other Structure	Non-Participating	329973.81	321926.85	0:00	0	0:00	0
1021	Other Structure	Non-Participating	329911.73	322977.07	0:00	0	0:00	0
1022	Other Structure	Non-Participating	329829.87	322944.56	0:00	0	0:00	0
1023	Other Structure	Non-Participating	330306.05	323247.13	0:00	0	0:00	0
1024	Other Structure	Non-Participating	330322.99	323252.16	0:00	0	0:00	0
1026	Other Structure	Non-Participating	330023.95	323915.34	0:00	0	0:00	0
1027	Other Structure	Non-Participating	329976.66	323989.52	0:00	0	0:00	0
1028	Other Structure	Non-Participating	330015.41	325006.53	0:00	0	0:00	0
1029	Other Structure	Non-Participating	330021.35	325107.16	0:00	0	0:00	0
1030	Other Structure	Non-Participating	330000.97	325150.51	0:00	0	0:00	0
1031	Other Structure	Non-Participating	329998.76	325266.03	0:00	0	0:00	0

Table B-3.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1032	Other Structure	Non-Participating	330083.43	325328.10	0:00	0	0:00	0
1033	Other Structure	Non-Participating	330162.79	325409.00	0:00	0	0:00	0
1034	Other Structure	Non-Participating	330097.74	325547.50	0:00	0	0:00	0
1035	Other Structure	Non-Participating	330164.32	325727.51	0:00	0	0:00	0
1036	Other Structure	Non-Participating	330665.24	326426.28	0:00	0	0:00	0
1037	Other Structure	Non-Participating	330197.33	325127.39	0:00	0	0:00	0
1038	Other Structure	Non-Participating	330594.93	325074.13	0:00	0	0:00	0
1039	Other Structure	Non-Participating	330604.94	324953.69	0:00	0	0:00	0
1040	Other Structure	Non-Participating	331068.24	325078.89	0:00	0	0:00	0
1041	Other Structure	Non-Participating	331033.86	324866.56	0:00	0	0:00	0
1042	Other Structure	Non-Participating	329945.40	323560.42	0:00	0	0:00	0
1043	Other Structure	Non-Participating	329311.77	323906.07	0:00	0	0:00	0
1044	Other Structure	Non-Participating	329797.34	325002.99	0:00	0	0:00	0
1045	Other Structure	Non-Participating	329873.77	324933.14	0:00	0	0:00	0
1046	Other Structure	Non-Participating	328568.33	325013.85	32:09	33	8:06	486
1047	Other Structure	Non-Participating	328487.87	324838.03	40:35	36	11:26	686
1048	Other Structure	Non-Participating	328548.19	324997.78	33:34	33	8:34	514
1050	Other Structure	Non-Participating	328658.47	325378.76	14:00	29	3:21	201
1051	Other Structure	Non-Participating	327116.80	323472.60	11:13	25	3:47	227
1052	Other Structure	Non-Participating	326987.84	323478.50	0:00	0	0:00	0
1058	Other Structure	Non-Participating	326771.44	325364.16	89:07	47	19:40	1180
1062	Other Structure	Non-Participating	328096.09	325350.20	43:37	49	9:37	577
1063	Other Structure	Non-Participating	327897.56	325767.53	0:00	0	0:00	0
1064	Other Structure	Non-Participating	328026.71	326100.95	0:00	0	0:00	0
1065	Other Structure	Non-Participating	327522.50	326326.75	0:00	0	0:00	0
1066	Other Structure	Non-Participating	327019.84	326783.77	0:00	0	0:00	0
1067	Other Structure	Non-Participating	327016.51	326842.12	0:00	0	0:00	0
1068	Other Structure	Non-Participating	326579.85	326875.91	0:00	0	0:00	0
1069	Other Structure	Non-Participating	326457.74	326912.81	0:00	0	0:00	0
1070	Other Structure	Non-Participating	326827.72	327124.85	0:00	0	0:00	0
1071	Other Structure	Non-Participating	326671.04	327339.74	0:00	0	0:00	0
1072	Other Structure	Non-Participating	326851.00	327525.88	0:00	0	0:00	0
1073	Other Structure	Non-Participating	328550.01	322612.44	0:00	0	0:00	0
1074	Other Structure	Non-Participating	328499.86	322743.78	0:00	0	0:00	0
1075	Other Structure	Non-Participating	328582.36	322871.75	0:00	0	0:00	0
1076	Other Structure	Non-Participating	328465.75	323063.51	0:00	0	0:00	0
1077	Other Structure	Non-Participating	330076.16	326323.82	0:00	0	0:00	0
1078	Other Structure	Non-Participating	329857.22	326326.74	0:00	0	0:00	0
1079	Other Structure	Non-Participating	329661.00	326892.42	0:00	0	0:00	0
1080	Other Structure	Non-Participating	329781.42	327276.00	0:00	0	0:00	0
1081	Other Structure	Non-Participating	329670.12	327432.08	0:00	0	0:00	0
1082	Other Structure	Non-Participating	329769.86	327548.61	0:00	0	0:00	0

Table B-3.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1084	Other Structure	Non-Participating	327890.07	327531.14	0:00	0	0:00	0
1085	Other Structure	Non-Participating	327745.99	327175.04	0:00	0	0:00	0
1086	Other Structure	Non-Participating	327712.03	327144.66	0:00	0	0:00	0
1087	Other Structure	Non-Participating	327403.30	326820.12	0:00	0	0:00	0
1088	Other Structure	Non-Participating	326599.31	326178.73	0:00	0	0:00	0
1089	Other Structure	Non-Participating	326398.66	326636.40	0:00	0	0:00	0
1090	Other Structure	Non-Participating	326339.69	326934.82	0:00	0	0:00	0
1093	Other Structure	Non-Participating	325895.39	326973.96	0:00	0	0:00	0
1094	Other Structure	Non-Participating	325744.51	327209.49	0:00	0	0:00	0
1095	Other Structure	Non-Participating	325742.99	327549.78	0:00	0	0:00	0
1096	Other Structure	Non-Participating	325606.79	328054.27	0:00	0	0:00	0
1097	Other Structure	Non-Participating	325665.49	328119.62	0:00	0	0:00	0
1098	Other Structure	Non-Participating	325679.50	328218.76	0:00	0	0:00	0
1099	Other Structure	Non-Participating	325753.53	328312.85	0:00	0	0:00	0
1100	Other Structure	Non-Participating	325765.49	328284.83	0:00	0	0:00	0
1101	Other Structure	Non-Participating	325750.43	328267.35	0:00	0	0:00	0
1102	Other Structure	Non-Participating	325463.26	326968.72	0:00	0	0:00	0
1103	Other Structure	Non-Participating	325665.82	328395.13	0:00	0	0:00	0
1104	Other Structure	Non-Participating	325628.64	328532.60	0:00	0	0:00	0
1105	Other Structure	Non-Participating	326366.82	328532.77	0:00	0	0:00	0
1106	Other Structure	Non-Participating	326866.25	328429.98	0:00	0	0:00	0
1107	Other Structure	Non-Participating	326870.82	328466.60	0:00	0	0:00	0
1108	Other Structure	Non-Participating	326022.61	325718.83	0:00	0	0:00	0
1109	Other Structure	Non-Participating	325639.01	326011.45	0:00	0	0:00	0
1110	Other Structure	Non-Participating	325723.58	326051.31	0:00	0	0:00	0
1111	Other Structure	Non-Participating	325729.76	326112.44	0:00	0	0:00	0
1112	Other Structure	Non-Participating	325741.40	326218.44	0:00	0	0:00	0
1113	Other Structure	Non-Participating	325644.77	326799.79	0:00	0	0:00	0
1114	Other Structure	Non-Participating	325254.34	326799.37	0:00	0	0:00	0
1115	Other Structure	Non-Participating	325240.75	326892.41	0:00	0	0:00	0
1116	Other Structure	Non-Participating	325367.16	326963.48	0:00	0	0:00	0
1117	Other Structure	Non-Participating	324636.50	328365.31	0:00	0	0:00	0
1118	Other Structure	Non-Participating	323920.13	328066.70	0:00	0	0:00	0
1119	Other Structure	Non-Participating	324098.99	327992.87	0:00	0	0:00	0
1120	Other Structure	Non-Participating	324300.97	327935.49	0:00	0	0:00	0
1121	Other Structure	Non-Participating	324342.93	327561.64	30:24	30	4:37	277
1123	Other Structure	Non-Participating	325323.70	325582.46	71:02	70	14:03	843
1124	Other Structure	Non-Participating	323667.05	327394.95	0:00	0	0:00	0
1125	Other Structure	Non-Participating	323751.58	327372.87	15:54	32	2:10	130
1126	Other Structure	Non-Participating	323881.70	326742.76	70:26	63	21:29	1289
1127	Other Structure	Non-Participating	323892.51	326704.72	73:41	62	23:13	1393
1128	Other Structure	Non-Participating	323967.35	326704.37	56:43	55	17:47	1067

Table B-3.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1130	Other Structure	Non-Participating	324323.73	325521.34	61:55	59	9:08	548
1131	Other Structure	Non-Participating	322882.40	326117.48	61:55	48	19:50	1190
1132	Other Structure	Non-Participating	323089.76	325454.68	65:51	42	11:34	694
1133	Other Structure	Non-Participating	323114.97	325565.48	42:11	37	7:46	466
1134	Other Structure	Non-Participating	324362.59	323896.97	17:37	33	4:58	298
1135	Other Structure	Non-Participating	324442.51	323849.41	15:40	31	4:32	272
1136	Other Structure	Non-Participating	324417.97	323839.93	16:24	31	4:47	287
1137	Other Structure	Non-Participating	324361.51	323988.16	17:03	32	4:29	269
1142	Other Structure	Non-Participating	325531.74	326674.47	0:00	0	0:00	0
1143	Other Structure	Non-Participating	328104.06	320425.18	0:00	0	0:00	0
1149	Other Structure	Non-Participating	329968.54	325124.57	0:00	0	0:00	0
1151	Other Structure	Non-Participating	330048.73	326332.33	0:00	0	0:00	0
1154	Other Structure	Non-Participating	325855.64	326639.69	0:00	0	0:00	0
1155	Other Structure	Non-Participating	325009.86	326305.83	0:00	0	0:00	0
1158	Other Structure	Non-Participating	324390.06	323878.53	16:59	32	4:51	291
1159	Other Structure	Non-Participating	324387.15	323987.08	16:20	31	4:19	259
1160	Other Structure	Non-Participating	323107.91	324885.25	64:30	55	18:00	1080
1162	Other Structure	Non-Participating	323271.75	324925.88	85:08	51	23:42	1422
1170	Uninhabitable Residence	Non-Participating	329676.46	327804.52	0:00	0	0:00	0
1172	Other Structure	Non-Participating	327209.81	325397.87	159:51	105	28:26	1706
1180	Other Structure	Non-Participating	323341.35	322399.75	0:00	0	0:00	0
1181	Other Structure	Non-Participating	326889.51	320634.53	0:00	0	0:00	0
1182	Other Structure	Non-Participating	326888.51	320657.54	0:00	0	0:00	0
1204	Other Structure	Non-Participating	315578.61	331517.42	0:00	0	0:00	0
1286	Other Structure	Non-Participating	322378.49	323100.70	0:00	0	0:00	0
1302	Other Structure	Non-Participating	313003.01	327003.84	0:00	0	0:00	0
1303	Other Structure	Non-Participating	314724.48	331396.45	0:00	0	0:00	0
1304	Other Structure	Non-Participating	314236.77	327373.63	0:00	0	0:00	0
1305	Other Structure	Non-Participating	313962.55	327631.86	0:00	0	0:00	0
1306	Other Structure	Non-Participating	313478.52	328774.88	0:00	0	0:00	0
1307	Other Structure	Non-Participating	314359.62	330014.40	0:00	0	0:00	0
1308	Other Structure	Non-Participating	315753.64	332138.16	0:00	0	0:00	0
1309	Other Structure	Non-Participating	317146.03	332061.13	0:00	0	0:00	0
1310	Other Structure	Non-Participating	318050.11	332095.73	0:00	0	0:00	0
1311	Other Structure	Non-Participating	318861.46	332982.28	0:00	0	0:00	0
1312	Other Structure	Non-Participating	318701.47	333470.70	0:00	0	0:00	0
1313	Other Structure	Non-Participating	318830.31	333476.40	0:00	0	0:00	0
1314	Other Structure	Non-Participating	319219.03	333313.90	0:00	0	0:00	0
1315	Other Structure	Non-Participating	319558.52	333306.26	0:00	0	0:00	0
1316	Other Structure	Non-Participating	317317.04	333551.41	0:00	0	0:00	0
1317	Other Structure	Non-Participating	318928.89	332985.76	0:00	0	0:00	0
1318	Other Structure	Non-Participating	318940.58	332181.83	0:00	0	0:00	0

Table B-3.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1319	Other Structure	Non-Participating	319002.13	332103.01	0:00	0	0:00	0
1320	Other Structure	Non-Participating	318928.16	331682.94	0:00	0	0:00	0
1321	Other Structure	Non-Participating	318457.26	331635.95	0:00	0	0:00	0
1322	Other Structure	Non-Participating	318283.85	331698.53	0:00	0	0:00	0
1323	Other Structure	Non-Participating	316854.34	330952.33	0:00	0	0:00	0
1324	Other Structure	Non-Participating	316842.78	330513.60	0:00	0	0:00	0
1325	Other Structure	Non-Participating	315338.46	330221.76	0:00	0	0:00	0
1326	Other Structure	Non-Participating	315769.32	330184.48	0:00	0	0:00	0
1327	Other Structure	Non-Participating	316879.42	329389.63	10:58	26	3:00	180
1328	Other Structure	Non-Participating	316758.86	329357.41	9:12	24	2:34	154
1329	Other Structure	Non-Participating	314783.24	328597.48	14:23	25	2:41	161
1330	Other Structure	Non-Participating	314820.52	328833.90	0:00	0	0:00	0
1331	Other Structure	Non-Participating	314731.75	328934.19	0:00	0	0:00	0
1332	Other Structure	Non-Participating	314635.73	327847.18	10:41	25	3:08	188
1333	Other Structure	Non-Participating	315252.38	325610.21	0:00	0	0:00	0
1334	Other Structure	Non-Participating	315252.83	324271.48	0:00	0	0:00	0
1335	Other Structure	Non-Participating	315888.75	324226.64	0:00	0	0:00	0
1336	Other Structure	Non-Participating	315942.67	324199.68	0:00	0	0:00	0
1337	Other Structure	Non-Participating	315832.35	324123.20	0:00	0	0:00	0
1338	Other Structure	Non-Participating	315751.58	323624.11	0:00	0	0:00	0
1339	Other Structure	Non-Participating	316078.36	323937.35	0:00	0	0:00	0
1340	Other Structure	Non-Participating	316142.51	323662.02	0:00	0	0:00	0
1341	Other Structure	Non-Participating	316235.27	323668.24	0:00	0	0:00	0
1342	Other Structure	Non-Participating	316592.95	323519.61	0:00	0	0:00	0
1343	Other Structure	Non-Participating	315928.09	324319.75	0:00	0	0:00	0
1344	Other Structure	Non-Participating	316204.61	324208.18	0:00	0	0:00	0
1345	Other Structure	Non-Participating	318285.87	324060.86	0:00	0	0:00	0
1346	Other Structure	Non-Participating	318330.71	323924.89	0:00	0	0:00	0
1347	Other Structure	Non-Participating	317924.80	323615.41	0:00	0	0:00	0
1348	Other Structure	Non-Participating	317967.87	326252.19	113:54	55	34:54	2094
1349	Other Structure	Non-Participating	318025.94	326293.06	92:38	50	27:45	1665
1350	Other Structure	Non-Participating	318007.03	326758.44	67:18	42	12:55	775
1351	Other Structure	Non-Participating	317830.57	326862.15	53:54	50	12:44	764
1352	Other Structure	Non-Participating	317483.34	327547.59	84:35	50	25:18	1518
1353	Uninhabitable Residence	Non-Participating	317445.26	327510.19	80:01	45	23:52	1432
1354	Other Structure	Non-Participating	317083.62	327325.03	119:20	61	37:07	2227
1355	Other Structure	Non-Participating	316895.66	327118.47	138:04	85	40:45	2445
1356	Other Structure	Non-Participating	317248.23	329173.60	39:11	35	10:28	628
1357	Other Structure	Non-Participating	317584.54	329007.81	127:54	52	36:08	2168
1358	Other Structure	Non-Participating	318279.50	329674.45	70:14	93	10:51	651
1359	Other Structure	Non-Participating	319039.03	329746.32	31:18	39	5:45	345
1360	Other Structure	Non-Participating	319121.20	329629.43	40:16	38	7:45	465

Table B-3.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1361	Other Structure	Non-Participating	319775.99	329464.40	69:03	46	11:40	700
1362	Other Structure	Non-Participating	319914.74	329076.51	58:01	49	13:14	794
1363	Other Structure	Non-Participating	319950.57	328307.72	57:58	43	12:27	747
1364	Other Structure	Non-Participating	317668.43	327310.91	14:11	31	4:05	245
1366	Other Structure	Non-Participating	320578.83	331496.39	0:00	0	0:00	0
1367	Other Structure	Non-Participating	320240.75	331397.70	0:00	0	0:00	0
1368	Other Structure	Non-Participating	319933.28	332566.55	0:00	0	0:00	0
1369	Other Structure	Non-Participating	321023.01	331014.06	0:00	0	0:00	0
1370	Other Structure	Non-Participating	321929.28	329227.03	0:00	0	0:00	0
1371	Other Structure	Non-Participating	322288.73	329298.61	0:00	0	0:00	0
1372	Other Structure	Non-Participating	323180.50	329372.93	0:00	0	0:00	0
1373	Other Structure	Non-Participating	322775.23	330114.71	0:00	0	0:00	0
1374	Other Structure	Non-Participating	322703.97	330871.45	0:00	0	0:00	0
1375	Other Structure	Non-Participating	323270.92	329761.67	0:00	0	0:00	0
1376	Other Structure	Non-Participating	323329.15	329708.23	0:00	0	0:00	0
1377	Other Structure	Non-Participating	323498.59	329812.09	0:00	0	0:00	0
1378	Other Structure	Non-Participating	323290.46	329840.43	0:00	0	0:00	0
1379	Other Structure	Non-Participating	324572.39	329653.98	0:00	0	0:00	0
1380	Other Structure	Non-Participating	323764.61	329463.24	0:00	0	0:00	0
1381	Other Structure	Non-Participating	324000.09	329100.09	0:00	0	0:00	0
1382	Other Structure	Non-Participating	323469.68	328122.91	0:00	0	0:00	0
1383	Other Structure	Non-Participating	323305.27	328251.07	0:00	0	0:00	0
1384	Other Structure	Non-Participating	322996.15	329319.66	0:00	0	0:00	0
1385	Other Structure	Non-Participating	322485.59	327517.32	21:20	31	3:28	208
1386	Other Structure	Non-Participating	322467.53	327513.85	23:07	32	3:47	227
1387	Other Structure	Non-Participating	320994.33	327539.98	52:22	60	8:04	484
1388	Other Structure	Non-Participating	321924.39	327555.91	0:00	0	0:00	0
1389	Other Structure	Non-Participating	322047.05	327592.90	23:35	25	4:04	244
1390	Other Structure	Non-Participating	322378.05	327831.14	0:00	0	0:00	0
1393	Other Structure	Non-Participating	320974.93	326062.30	54:35	57	17:02	1022
1394	Other Structure	Non-Participating	320571.35	325988.92	99:11	70	32:04	1924
1395	Other Structure	Non-Participating	320707.00	326260.82	54:46	57	16:02	962
1396	Other Structure	Non-Participating	321561.34	325443.95	0:00	0	0:00	0
1398	Other Structure	Non-Participating	319828.35	325368.69	0:00	0	0:00	0
1399	Other Structure	Non-Participating	319408.77	323882.38	0:00	0	0:00	0
1400	Other Structure	Non-Participating	319369.46	323944.70	0:00	0	0:00	0
1401	Other Structure	Non-Participating	319340.92	323904.95	0:00	0	0:00	0
1402	Other Structure	Non-Participating	319610.74	323757.30	0:00	0	0:00	0
1403	Other Structure	Non-Participating	319775.51	323580.80	0:00	0	0:00	0
1404	Other Structure	Non-Participating	319084.50	322427.86	0:00	0	0:00	0
1405	Other Structure	Non-Participating	319110.58	322696.95	0:00	0	0:00	0
1407	Other Structure	Non-Participating	320562.51	322376.65	0:00	0	0:00	0

Table B-3.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1408	Other Structure	Non-Participating	321285.77	322609.63	0:00	0	0:00	0
1420	Other Structure	Non-Participating	314397.28	329980.92	0:00	0	0:00	0
1424	Other Structure	Non-Participating	316379.15	328938.57	0:00	0	0:00	0
1435	Uninhabitable Residence	Non-Participating	323164.68	329684.71	0:00	0	0:00	0
1436	Uninhabitable Residence	Non-Participating	323216.50	329943.53	0:00	0	0:00	0
1437	Uninhabitable Residence	Non-Participating	320795.04	323737.37	0:00	0	0:00	0
1495	Uninhabitable Residence	Non-Participating	313666.97	328664.44	0:00	0	0:00	0
1518	Other Structure	Non-Participating	314311.74	330093.18	0:00	0	0:00	0
1560	Uninhabitable Residence	Non-Participating	318770.01	333472.83	0:00	0	0:00	0
1591	Other Structure	Non-Participating	316752.13	330029.39	0:00	0	0:00	0
1594	Other Structure	Non-Participating	315955.43	329955.99	0:00	0	0:00	0
1596	Other Structure	Non-Participating	315780.10	330089.50	0:00	0	0:00	0
1663	Other Structure	Non-Participating	315191.09	325642.82	0:00	0	0:00	0
1798	Other Structure	Non-Participating	318265.60	324749.32	0:00	0	0:00	0
1854	Other Structure	Non-Participating	316794.89	328352.51	67:44	43	12:28	748
1923	Other Structure	Non-Participating	320514.55	330716.65	0:00	0	0:00	0
1924	Uninhabitable Residence	Non-Participating	320473.96	330853.12	0:00	0	0:00	0
1951	Uninhabitable Residence	Non-Participating	320317.19	331577.43	0:00	0	0:00	0
1972	Uninhabitable Residence	Non-Participating	323048.61	329386.03	0:00	0	0:00	0
2017	Uninhabitable Residence	Non-Participating	323350.10	329873.49	0:00	0	0:00	0
2025	Uninhabitable Residence	Non-Participating	323147.65	329856.55	0:00	0	0:00	0
2035	Other Structure	Non-Participating	323505.03	330037.11	0:00	0	0:00	0
2070	Uninhabitable Residence	Non-Participating	323188.70	328677.66	0:00	0	0:00	0
2115	Other Structure	Non-Participating	320833.86	326112.17	74:57	49	23:29	1409
2123	Other Structure	Non-Participating	320035.74	325178.46	0:00	0	0:00	0
2145	Uninhabitable Residence	Non-Participating	321305.89	324003.25	0:00	0	0:00	0
2146	Uninhabitable Residence	Non-Participating	321296.68	324239.95	28:49	43	9:05	545
2205	Other Structure	Non-Participating	317703.22	322971.96	0:00	0	0:00	0
2207	Other Structure	Non-Participating	317058.07	322752.09	0:00	0	0:00	0
2209	Other Structure	Non-Participating	319843.13	322657.14	0:00	0	0:00	0
2211	Other Structure	Non-Participating	320289.45	322217.39	0:00	0	0:00	0
2212	Other Structure	Non-Participating	318987.54	322594.00	0:00	0	0:00	0
2214	Other Structure	Non-Participating	321418.73	322722.89	0:00	0	0:00	0
2215	Other Structure	Non-Participating	319010.06	322564.76	0:00	0	0:00	0
2218	Other Structure	Non-Participating	315662.22	322967.73	0:00	0	0:00	0
2219	Other Structure	Non-Participating	321413.78	322721.42	0:00	0	0:00	0
2220	Other Structure	Non-Participating	317067.96	322775.05	0:00	0	0:00	0
2221	Other Structure	Non-Participating	319476.95	322635.90	0:00	0	0:00	0
2222	Other Structure	Non-Participating	320050.92	322098.04	0:00	0	0:00	0
2223	Other Structure	Non-Participating	317340.93	323389.67	0:00	0	0:00	0
2224	Other Structure	Non-Participating	315711.98	323081.80	0:00	0	0:00	0
2225	Other Structure	Non-Participating	320647.91	322381.46	0:00	0	0:00	0



Table B-3.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2226	Other Structure	Non-Participating	319656.17	322701.60	0:00	0	0:00	0
2227	Other Structure	Non-Participating	315593.95	323354.67	0:00	0	0:00	0
2228	Other Structure	Non-Participating	315896.91	324200.07	0:00	0	0:00	0
2231	Other Structure	Non-Participating	322305.25	321259.93	0:00	0	0:00	0
2232	Other Structure	Non-Participating	323657.16	320828.94	0:00	0	0:00	0
2233	Other Structure	Non-Participating	320154.78	322581.04	0:00	0	0:00	0
2234	Other Structure	Non-Participating	321055.55	322623.34	0:00	0	0:00	0
2235	Other Structure	Non-Participating	321579.55	322766.04	0:00	0	0:00	0
2236	Other Structure	Non-Participating	316996.72	322864.03	0:00	0	0:00	0
2237	Other Structure	Non-Participating	319687.26	322630.79	0:00	0	0:00	0
2238	Other Structure	Non-Participating	322327.98	321131.09	0:00	0	0:00	0
2239	Other Structure	Non-Participating	315608.16	323422.04	0:00	0	0:00	0
2241	Other Structure	Non-Participating	320864.63	322486.69	0:00	0	0:00	0
2242	Other Structure	Non-Participating	322360.26	321455.91	0:00	0	0:00	0
2244	Other Structure	Non-Participating	315691.63	323065.30	0:00	0	0:00	0
2245	Other Structure	Non-Participating	320140.82	322597.03	0:00	0	0:00	0
2246	Other Structure	Non-Participating	320049.57	322080.52	0:00	0	0:00	0
2247	Other Structure	Non-Participating	318127.33	322688.93	0:00	0	0:00	0
2248	Other Structure	Non-Participating	317000.80	322821.30	0:00	0	0:00	0
2249	Other Structure	Non-Participating	317501.17	323331.39	0:00	0	0:00	0
2250	Other Structure	Non-Participating	320284.65	322219.83	0:00	0	0:00	0
2252	Other Structure	Non-Participating	314311.30	323836.85	0:00	0	0:00	0
2253	Other Structure	Non-Participating	321448.05	322679.46	0:00	0	0:00	0
2254	Other Structure	Non-Participating	322454.19	321494.32	0:00	0	0:00	0
2255	Other Structure	Non-Participating	322788.16	320590.09	0:00	0	0:00	0
2256	Other Structure	Non-Participating	321506.83	322735.91	0:00	0	0:00	0
2259	Other Structure	Non-Participating	319480.80	322537.90	0:00	0	0:00	0
2260	Other Structure	Non-Participating	315825.24	323999.20	0:00	0	0:00	0
2261	Other Structure	Non-Participating	319734.70	322582.16	0:00	0	0:00	0
2262	Other Structure	Non-Participating	320005.93	322720.19	0:00	0	0:00	0
2263	Other Structure	Non-Participating	323644.09	320846.32	0:00	0	0:00	0
2264	Other Structure	Non-Participating	315589.26	323539.59	0:00	0	0:00	0
2265	Other Structure	Non-Participating	319101.18	322547.51	0:00	0	0:00	0
2266	Other Structure	Non-Participating	314015.93	324412.05	0:00	0	0:00	0
2267	Other Structure	Non-Participating	315834.15	324000.79	0:00	0	0:00	0
2268	Other Structure	Non-Participating	321670.28	322746.73	0:00	0	0:00	0
2269	Other Structure	Non-Participating	319813.07	322633.01	0:00	0	0:00	0
2271	Other Structure	Non-Participating	321518.86	322735.63	0:00	0	0:00	0
2274	Other Structure	Non-Participating	320123.08	322442.56	0:00	0	0:00	0
2275	Other Structure	Non-Participating	320622.75	322395.61	0:00	0	0:00	0
2276	Other Structure	Non-Participating	317639.38	322691.29	0:00	0	0:00	0
2277	Other Structure	Non-Participating	319527.20	322513.06	0:00	0	0:00	0

Table B-3.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2279	Other Structure	Non-Participating	315815.59	324151.20	0:00	0	0:00	0
2280	Other Structure	Non-Participating	314356.99	324372.35	0:00	0	0:00	0
2281	Other Structure	Non-Participating	323007.40	320666.72	0:00	0	0:00	0
2283	Other Structure	Non-Participating	320698.38	322515.38	0:00	0	0:00	0
2284	Other Structure	Non-Participating	319080.34	322576.24	0:00	0	0:00	0
2287	Other Structure	Non-Participating	319349.55	323904.91	0:00	0	0:00	0
2291	Other Structure	Non-Participating	320780.79	326136.43	71:06	46	22:14	1334
2299	Uninhabitable Residence	Non-Participating	318489.23	333474.94	0:00	0	0:00	0
2303	Other Structure	Non-Participating	322825.06	330139.69	0:00	0	0:00	0
2305	Other Structure	Non-Participating	315298.19	331494.85	0:00	0	0:00	0
2309	Other Structure	Non-Participating	315245.36	326638.79	23:53	28	7:33	453
2313	Other Structure	Non-Participating	314837.21	330359.69	0:00	0	0:00	0
2314	Other Structure	Non-Participating	317450.15	323827.68	0:00	0	0:00	0
2315	Other Structure	Non-Participating	317494.63	323738.77	0:00	0	0:00	0
2316	Other Structure	Non-Participating	317498.91	323727.25	0:00	0	0:00	0
2317	Other Structure	Non-Participating	317528.86	323754.60	0:00	0	0:00	0
2318	Other Structure	Non-Participating	315993.28	324226.41	0:00	0	0:00	0
2319	Other Structure	Non-Participating	315970.96	324225.32	0:00	0	0:00	0
2320	Other Structure	Non-Participating	316133.42	324212.00	0:00	0	0:00	0
2321	Other Structure	Non-Participating	316164.61	324281.24	0:00	0	0:00	0
2322	Other Structure	Non-Participating	316151.82	324289.84	0:00	0	0:00	0
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0
2330	Other Structure	Non-Participating	317822.66	328416.47	156:17	59	39:20	2360
2332	Other Structure	Non-Participating	317647.41	329132.20	123:20	57	31:13	1873
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Other Receptors								
<b>1018</b>	<b>Other Structure</b>	<b>Non-Participating</b>	<b>322768.96</b>	<b>323596.52</b>	<b>130:49</b>	<b>73</b>	<b>41:24</b>	<b>2484</b>
<b>118</b>	<b>Other Structure</b>	<b>Non-Participating</b>	<b>327569.77</b>	<b>320414.73</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-3.1: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1018	Other Structure	Non-Participating	322768.96	323596.52	130:49	73	41:24	2484
1355	Other Structure	Non-Participating	316895.66	327118.47	138:04	85	40:45	2445
2330	Other Structure	Non-Participating	317822.66	328416.47	156:17	59	39:20	2360
1354	Other Structure	Non-Participating	317083.62	327325.03	119:20	61	37:07	2227
1357	Other Structure	Non-Participating	317584.54	329007.81	127:54	52	36:08	2168
1348	Other Structure	Non-Participating	317967.87	326252.19	113:54	55	34:54	2094
1394	Other Structure	Non-Participating	320571.35	325988.92	99:11	70	32:04	1924
2332	Other Structure	Non-Participating	317647.41	329132.20	123:20	57	31:13	1873
1019	Other Structure	Non-Participating	322667.63	323521.29	91:20	60	29:01	1741
1172	Other Structure	Non-Participating	327209.81	325397.87	159:51	105	28:26	1706
1349	Other Structure	Non-Participating	318025.94	326293.06	92:38	50	27:45	1665
1352	Other Structure	Non-Participating	317483.34	327547.59	84:35	50	25:18	1518
1353	Uninhabitable Residence	Non-Participating	317445.26	327510.19	80:01	45	23:52	1432
1162	Other Structure	Non-Participating	323271.75	324925.88	85:08	51	23:42	1422
2115	Other Structure	Non-Participating	320833.86	326112.17	74:57	49	23:29	1409
1127	Other Structure	Non-Participating	323892.51	326704.72	73:41	62	23:13	1393
2291	Other Structure	Non-Participating	320780.79	326136.43	71:06	46	22:14	1334
1126	Other Structure	Non-Participating	323881.70	326742.76	70:26	63	21:29	1289
1131	Other Structure	Non-Participating	322882.40	326117.48	61:55	48	19:50	1190
1058	Other Structure	Non-Participating	326771.44	325364.16	89:07	47	19:40	1180
1160	Other Structure	Non-Participating	323107.91	324885.25	64:30	55	18:00	1080
1128	Other Structure	Non-Participating	323967.35	326704.37	56:43	55	17:47	1067
1393	Other Structure	Non-Participating	320974.93	326062.30	54:35	57	17:02	1022
1395	Other Structure	Non-Participating	320707.00	326260.82	54:46	57	16:02	962
620	Other Structure	Non-Participating	326649.95	325722.39	91:16	72	14:48	888
1123	Other Structure	Non-Participating	325323.70	325582.46	71:02	70	14:03	843
1362	Other Structure	Non-Participating	319914.74	329076.51	58:01	49	13:14	794
1350	Other Structure	Non-Participating	318007.03	326758.44	67:18	42	12:55	775
1351	Other Structure	Non-Participating	317830.57	326862.15	53:54	50	12:44	764
1854	Other Structure	Non-Participating	316794.89	328352.51	67:44	43	12:28	748
1363	Other Structure	Non-Participating	319950.57	328307.72	57:58	43	12:27	747
1361	Other Structure	Non-Participating	319775.99	329464.40	69:03	46	11:40	700
1132	Other Structure	Non-Participating	323089.76	325454.68	65:51	42	11:34	694
1047	Other Structure	Non-Participating	328487.87	324838.03	40:35	36	11:26	686
1358	Other Structure	Non-Participating	318279.50	329674.45	70:14	93	10:51	651
1356	Other Structure	Non-Participating	317248.23	329173.60	39:11	35	10:28	628
1062	Other Structure	Non-Participating	328096.09	325350.20	43:37	49	9:37	577
1130	Other Structure	Non-Participating	324323.73	325521.34	61:55	59	9:08	548
2146	Uninhabitable Residence	Non-Participating	321296.68	324239.95	28:49	43	9:05	545
1048	Other Structure	Non-Participating	328548.19	324997.78	33:34	33	8:34	514
1046	Other Structure	Non-Participating	328568.33	325013.85	32:09	33	8:06	486
1387	Other Structure	Non-Participating	320994.33	327539.98	52:22	60	8:04	484

Table B-3.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1133	Other Structure	Non-Participating	323114.97	325565.48	42:11	37	7:46	466
1360	Other Structure	Non-Participating	319121.20	329629.43	40:16	38	7:45	465
2309	Other Structure	Non-Participating	315245.36	326638.79	23:53	28	7:33	453
1359	Other Structure	Non-Participating	319039.03	329746.32	31:18	39	5:45	345
1134	Other Structure	Non-Participating	324362.59	323896.97	17:37	33	4:58	298
1158	Other Structure	Non-Participating	324390.06	323878.53	16:59	32	4:51	291
1136	Other Structure	Non-Participating	324417.97	323839.93	16:24	31	4:47	287
1121	Other Structure	Non-Participating	324342.93	327561.64	30:24	30	4:37	277
1135	Other Structure	Non-Participating	324442.51	323849.41	15:40	31	4:32	272
1137	Other Structure	Non-Participating	324361.51	323988.16	17:03	32	4:29	269
1159	Other Structure	Non-Participating	324387.15	323987.08	16:20	31	4:19	259
1364	Other Structure	Non-Participating	317668.43	327310.91	14:11	31	4:05	245
1389	Other Structure	Non-Participating	322047.05	327592.90	23:35	25	4:04	244
1051	Other Structure	Non-Participating	327116.80	323472.60	11:13	25	3:47	227
1386	Other Structure	Non-Participating	322467.53	327513.85	23:07	32	3:47	227
1385	Other Structure	Non-Participating	322485.59	327517.32	21:20	31	3:28	208
1050	Other Structure	Non-Participating	328658.47	325378.76	14:00	29	3:21	201
1332	Other Structure	Non-Participating	314635.73	327847.18	10:41	25	3:08	188
1327	Other Structure	Non-Participating	316879.42	329389.63	10:58	26	3:00	180
1329	Other Structure	Non-Participating	314783.24	328597.48	14:23	25	2:41	161
1328	Other Structure	Non-Participating	316758.86	329357.41	9:12	24	2:34	154
1125	Other Structure	Non-Participating	323751.58	327372.87	15:54	32	2:10	130
750	Uninhabitable Residence	Non-Participating	326658.78	325974.90	12:03	26	1:39	99
118	Other Structure	Non-Participating	327569.77	320414.73	0:00	0	0:00	0
412	Other Structure	Non-Participating	324040.99	321207.79	0:00	0	0:00	0
462	Other Structure	Non-Participating	329939.45	323374.80	0:00	0	0:00	0
481	Other Structure	Non-Participating	330069.15	325088.93	0:00	0	0:00	0
484	Uninhabitable Residence	Non-Participating	330020.52	325091.57	0:00	0	0:00	0
491	Uninhabitable Residence	Non-Participating	330035.16	325306.41	0:00	0	0:00	0
589	Other Structure	Non-Participating	329922.72	326463.19	0:00	0	0:00	0
602	Other Structure	Non-Participating	328697.73	327290.64	0:00	0	0:00	0
680	Other Structure	Non-Participating	324991.12	327110.03	0:00	0	0:00	0
695	Other Structure	Non-Participating	324019.12	325983.44	0:00	0	0:00	0
749	Uninhabitable Residence	Non-Participating	325427.50	322587.59	0:00	0	0:00	0
911	Other Structure	Non-Participating	325747.79	321829.83	0:00	0	0:00	0
912	Other Structure	Non-Participating	325960.03	322090.44	0:00	0	0:00	0
913	Other Structure	Non-Participating	325499.84	322229.46	0:00	0	0:00	0
914	Other Structure	Non-Participating	326295.10	322331.28	0:00	0	0:00	0
915	Other Structure	Non-Participating	326388.80	322259.82	0:00	0	0:00	0
916	Other Structure	Non-Participating	326429.68	322190.25	0:00	0	0:00	0
917	Other Structure	Non-Participating	326399.39	322105.37	0:00	0	0:00	0
918	Other Structure	Non-Participating	326563.95	322013.34	0:00	0	0:00	0

Table B-3.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
919	Other Structure	Non-Participating	326537.42	321888.32	0:00	0	0:00	0
920	Other Structure	Non-Participating	326174.55	321181.43	0:00	0	0:00	0
921	Other Structure	Non-Participating	326695.44	320839.11	0:00	0	0:00	0
922	Other Structure	Non-Participating	326433.16	320452.94	0:00	0	0:00	0
923	Other Structure	Non-Participating	326392.99	320462.32	0:00	0	0:00	0
924	Other Structure	Non-Participating	326312.09	320527.43	0:00	0	0:00	0
925	Other Structure	Non-Participating	326299.87	320512.13	0:00	0	0:00	0
926	Other Structure	Non-Participating	326433.12	320563.38	0:00	0	0:00	0
927	Other Structure	Non-Participating	326419.88	320541.47	0:00	0	0:00	0
928	Other Structure	Non-Participating	326720.68	320546.98	0:00	0	0:00	0
929	Other Structure	Non-Participating	326830.93	320538.82	0:00	0	0:00	0
930	Other Structure	Non-Participating	326792.98	320808.69	0:00	0	0:00	0
931	Other Structure	Non-Participating	326848.21	321346.14	0:00	0	0:00	0
932	Other Structure	Non-Participating	326780.51	321324.08	0:00	0	0:00	0
933	Other Structure	Non-Participating	326687.19	321466.29	0:00	0	0:00	0
934	Other Structure	Non-Participating	326712.29	321464.80	0:00	0	0:00	0
935	Other Structure	Non-Participating	327396.16	321276.88	0:00	0	0:00	0
936	Other Structure	Non-Participating	327362.15	320889.53	0:00	0	0:00	0
937	Other Structure	Non-Participating	327412.58	320667.15	0:00	0	0:00	0
938	Other Structure	Non-Participating	327449.21	320721.84	0:00	0	0:00	0
939	Other Structure	Non-Participating	327312.78	320545.75	0:00	0	0:00	0
941	Other Structure	Non-Participating	327390.99	320332.02	0:00	0	0:00	0
942	Other Structure	Non-Participating	327919.48	320363.21	0:00	0	0:00	0
943	Other Structure	Non-Participating	328257.65	320555.28	0:00	0	0:00	0
944	Other Structure	Non-Participating	328149.72	320630.22	0:00	0	0:00	0
945	Other Structure	Non-Participating	328309.79	320741.05	0:00	0	0:00	0
946	Other Structure	Non-Participating	328233.43	320990.58	0:00	0	0:00	0
947	Other Structure	Non-Participating	328235.42	321359.05	0:00	0	0:00	0
948	Other Structure	Non-Participating	328286.16	321910.65	0:00	0	0:00	0
949	Other Structure	Non-Participating	328288.12	322112.27	0:00	0	0:00	0
950	Other Structure	Non-Participating	328226.29	322129.06	0:00	0	0:00	0
951	Other Structure	Non-Participating	326739.25	322251.25	0:00	0	0:00	0
952	Other Structure	Non-Participating	326828.03	322230.17	0:00	0	0:00	0
953	Other Structure	Non-Participating	326827.94	322215.81	0:00	0	0:00	0
954	Other Structure	Non-Participating	326824.93	322048.39	0:00	0	0:00	0
955	Other Structure	Non-Participating	326714.74	322072.12	0:00	0	0:00	0
956	Other Structure	Non-Participating	326656.71	322061.58	0:00	0	0:00	0
957	Other Structure	Non-Participating	326693.96	322078.13	0:00	0	0:00	0
958	Other Structure	Non-Participating	326519.94	322211.94	0:00	0	0:00	0
959	Other Structure	Non-Participating	326630.13	322222.25	0:00	0	0:00	0
960	Other Structure	Non-Participating	326632.01	322281.28	0:00	0	0:00	0
961	Other Structure	Non-Participating	326633.24	322312.83	0:00	0	0:00	0

Table B-3.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
962	Other Structure	Non-Participating	326665.42	322305.33	0:00	0	0:00	0
965	Other Structure	Non-Participating	326196.23	322564.38	0:00	0	0:00	0
966	Other Structure	Non-Participating	326383.45	322524.57	0:00	0	0:00	0
967	Other Structure	Non-Participating	326324.75	322541.18	0:00	0	0:00	0
968	Other Structure	Non-Participating	326550.76	322425.15	0:00	0	0:00	0
970	Other Structure	Non-Participating	326730.97	322488.43	0:00	0	0:00	0
971	Other Structure	Non-Participating	326995.35	322437.26	0:00	0	0:00	0
972	Other Structure	Non-Participating	327041.02	322689.95	0:00	0	0:00	0
973	Other Structure	Non-Participating	327002.98	322848.57	0:00	0	0:00	0
974	Other Structure	Non-Participating	327078.81	323018.33	0:00	0	0:00	0
975	Other Structure	Non-Participating	327112.66	323288.45	0:00	0	0:00	0
976	Other Structure	Non-Participating	327115.74	322224.52	0:00	0	0:00	0
977	Other Structure	Non-Participating	327222.72	322271.45	0:00	0	0:00	0
978	Other Structure	Non-Participating	327125.55	322375.49	0:00	0	0:00	0
979	Other Structure	Non-Participating	327215.16	322375.70	0:00	0	0:00	0
980	Other Structure	Non-Participating	327276.94	322360.52	0:00	0	0:00	0
981	Other Structure	Non-Participating	327411.08	322406.05	0:00	0	0:00	0
982	Other Structure	Non-Participating	327465.45	322338.70	0:00	0	0:00	0
983	Other Structure	Non-Participating	327627.60	322413.81	0:00	0	0:00	0
984	Other Structure	Non-Participating	327790.78	322121.55	0:00	0	0:00	0
985	Other Structure	Non-Participating	327833.48	322215.18	0:00	0	0:00	0
986	Other Structure	Non-Participating	327788.28	322178.27	0:00	0	0:00	0
987	Other Structure	Non-Participating	328207.05	322302.38	0:00	0	0:00	0
988	Other Structure	Non-Participating	328602.70	322447.82	0:00	0	0:00	0
989	Other Structure	Non-Participating	329035.18	322249.44	0:00	0	0:00	0
990	Other Structure	Non-Participating	329252.46	322156.17	0:00	0	0:00	0
991	Other Structure	Non-Participating	329914.09	321570.03	0:00	0	0:00	0
992	Other Structure	Non-Participating	329968.23	321343.49	0:00	0	0:00	0
993	Other Structure	Non-Participating	325120.41	322599.65	0:00	0	0:00	0
994	Other Structure	Non-Participating	324446.37	322763.30	0:00	0	0:00	0
995	Other Structure	Non-Participating	324374.20	322447.69	0:00	0	0:00	0
996	Other Structure	Non-Participating	324339.02	322221.96	0:00	0	0:00	0
997	Other Structure	Non-Participating	324148.28	321742.60	0:00	0	0:00	0
999	Other Structure	Non-Participating	324301.43	321524.92	0:00	0	0:00	0
1000	Other Structure	Non-Participating	324271.58	321564.88	0:00	0	0:00	0
1001	Other Structure	Non-Participating	324229.01	321561.68	0:00	0	0:00	0
1002	Other Structure	Non-Participating	324338.95	321479.73	0:00	0	0:00	0
1004	Other Structure	Non-Participating	323941.87	321372.15	0:00	0	0:00	0
1005	Other Structure	Non-Participating	325147.48	321608.38	0:00	0	0:00	0
1006	Other Structure	Non-Participating	324722.36	321815.03	0:00	0	0:00	0
1007	Other Structure	Non-Participating	325728.29	321416.90	0:00	0	0:00	0
1008	Other Structure	Non-Participating	324178.87	322397.91	0:00	0	0:00	0

Table B-3.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1009	Other Structure	Non-Participating	323718.82	322666.55	0:00	0	0:00	0
1010	Other Structure	Non-Participating	323730.40	322622.06	0:00	0	0:00	0
1011	Other Structure	Non-Participating	323958.93	323146.08	0:00	0	0:00	0
1012	Other Structure	Non-Participating	324001.40	322885.14	0:00	0	0:00	0
1013	Other Structure	Non-Participating	323766.56	323030.05	0:00	0	0:00	0
1014	Other Structure	Non-Participating	323889.82	323141.21	0:00	0	0:00	0
1015	Other Structure	Non-Participating	323840.09	323165.41	0:00	0	0:00	0
1016	Other Structure	Non-Participating	323567.31	323030.20	0:00	0	0:00	0
1020	Other Structure	Non-Participating	329973.81	321926.85	0:00	0	0:00	0
1021	Other Structure	Non-Participating	329911.73	322977.07	0:00	0	0:00	0
1022	Other Structure	Non-Participating	329829.87	322944.56	0:00	0	0:00	0
1023	Other Structure	Non-Participating	330306.05	323247.13	0:00	0	0:00	0
1024	Other Structure	Non-Participating	330322.99	323252.16	0:00	0	0:00	0
1026	Other Structure	Non-Participating	330023.95	323915.34	0:00	0	0:00	0
1027	Other Structure	Non-Participating	329976.66	323989.52	0:00	0	0:00	0
1028	Other Structure	Non-Participating	330015.41	325006.53	0:00	0	0:00	0
1029	Other Structure	Non-Participating	330021.35	325107.16	0:00	0	0:00	0
1030	Other Structure	Non-Participating	330000.97	325150.51	0:00	0	0:00	0
1031	Other Structure	Non-Participating	329998.76	325266.03	0:00	0	0:00	0
1032	Other Structure	Non-Participating	330083.43	325328.10	0:00	0	0:00	0
1033	Other Structure	Non-Participating	330162.79	325409.00	0:00	0	0:00	0
1034	Other Structure	Non-Participating	330097.74	325547.50	0:00	0	0:00	0
1035	Other Structure	Non-Participating	330164.32	325727.51	0:00	0	0:00	0
1036	Other Structure	Non-Participating	330665.24	326426.28	0:00	0	0:00	0
1037	Other Structure	Non-Participating	330197.33	325127.39	0:00	0	0:00	0
1038	Other Structure	Non-Participating	330594.93	325074.13	0:00	0	0:00	0
1039	Other Structure	Non-Participating	330604.94	324953.69	0:00	0	0:00	0
1040	Other Structure	Non-Participating	331068.24	325078.89	0:00	0	0:00	0
1041	Other Structure	Non-Participating	331033.86	324866.56	0:00	0	0:00	0
1042	Other Structure	Non-Participating	329945.40	323560.42	0:00	0	0:00	0
1043	Other Structure	Non-Participating	329311.77	323906.07	0:00	0	0:00	0
1044	Other Structure	Non-Participating	329797.34	325002.99	0:00	0	0:00	0
1045	Other Structure	Non-Participating	329873.77	324933.14	0:00	0	0:00	0
1052	Other Structure	Non-Participating	326987.84	323478.50	0:00	0	0:00	0
1063	Other Structure	Non-Participating	327897.56	325767.53	0:00	0	0:00	0
1064	Other Structure	Non-Participating	328026.71	326100.95	0:00	0	0:00	0
1065	Other Structure	Non-Participating	327522.50	326326.75	0:00	0	0:00	0
1066	Other Structure	Non-Participating	327019.84	326783.77	0:00	0	0:00	0
1067	Other Structure	Non-Participating	327016.51	326842.12	0:00	0	0:00	0
1068	Other Structure	Non-Participating	326579.85	326875.91	0:00	0	0:00	0
1069	Other Structure	Non-Participating	326457.74	326912.81	0:00	0	0:00	0
1070	Other Structure	Non-Participating	326827.72	327124.85	0:00	0	0:00	0

Table B-3.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1071	Other Structure	Non-Participating	326671.04	327339.74	0:00	0	0:00	0
1072	Other Structure	Non-Participating	326851.00	327525.88	0:00	0	0:00	0
1073	Other Structure	Non-Participating	328550.01	322612.44	0:00	0	0:00	0
1074	Other Structure	Non-Participating	328499.86	322743.78	0:00	0	0:00	0
1075	Other Structure	Non-Participating	328582.36	322871.75	0:00	0	0:00	0
1076	Other Structure	Non-Participating	328465.75	323063.51	0:00	0	0:00	0
1077	Other Structure	Non-Participating	330076.16	326323.82	0:00	0	0:00	0
1078	Other Structure	Non-Participating	329857.22	326326.74	0:00	0	0:00	0
1079	Other Structure	Non-Participating	329661.00	326892.42	0:00	0	0:00	0
1080	Other Structure	Non-Participating	329781.42	327276.00	0:00	0	0:00	0
1081	Other Structure	Non-Participating	329670.12	327432.08	0:00	0	0:00	0
1082	Other Structure	Non-Participating	329769.86	327548.61	0:00	0	0:00	0
1084	Other Structure	Non-Participating	327890.07	327531.14	0:00	0	0:00	0
1085	Other Structure	Non-Participating	327745.99	327175.04	0:00	0	0:00	0
1086	Other Structure	Non-Participating	327712.03	327144.66	0:00	0	0:00	0
1087	Other Structure	Non-Participating	327403.30	326820.12	0:00	0	0:00	0
1088	Other Structure	Non-Participating	326599.31	326178.73	0:00	0	0:00	0
1089	Other Structure	Non-Participating	326398.66	326636.40	0:00	0	0:00	0
1090	Other Structure	Non-Participating	326339.69	326934.82	0:00	0	0:00	0
1093	Other Structure	Non-Participating	325895.39	326973.96	0:00	0	0:00	0
1094	Other Structure	Non-Participating	325744.51	327209.49	0:00	0	0:00	0
1095	Other Structure	Non-Participating	325742.99	327549.78	0:00	0	0:00	0
1096	Other Structure	Non-Participating	325606.79	328054.27	0:00	0	0:00	0
1097	Other Structure	Non-Participating	325665.49	328119.62	0:00	0	0:00	0
1098	Other Structure	Non-Participating	325679.50	328218.76	0:00	0	0:00	0
1099	Other Structure	Non-Participating	325753.53	328312.85	0:00	0	0:00	0
1100	Other Structure	Non-Participating	325765.49	328284.83	0:00	0	0:00	0
1101	Other Structure	Non-Participating	325750.43	328267.35	0:00	0	0:00	0
1102	Other Structure	Non-Participating	325463.26	326968.72	0:00	0	0:00	0
1103	Other Structure	Non-Participating	325665.82	328395.13	0:00	0	0:00	0
1104	Other Structure	Non-Participating	325628.64	328532.60	0:00	0	0:00	0
1105	Other Structure	Non-Participating	326366.82	328532.77	0:00	0	0:00	0
1106	Other Structure	Non-Participating	326866.25	328429.98	0:00	0	0:00	0
1107	Other Structure	Non-Participating	326870.82	328466.60	0:00	0	0:00	0
1108	Other Structure	Non-Participating	326022.61	325718.83	0:00	0	0:00	0
1109	Other Structure	Non-Participating	325639.01	326011.45	0:00	0	0:00	0
1110	Other Structure	Non-Participating	325723.58	326051.31	0:00	0	0:00	0
1111	Other Structure	Non-Participating	325729.76	326112.44	0:00	0	0:00	0
1112	Other Structure	Non-Participating	325741.40	326218.44	0:00	0	0:00	0
1113	Other Structure	Non-Participating	325644.77	326799.79	0:00	0	0:00	0
1114	Other Structure	Non-Participating	325254.34	326799.37	0:00	0	0:00	0
1115	Other Structure	Non-Participating	325240.75	326892.41	0:00	0	0:00	0



Table B-3.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1116	Other Structure	Non-Participating	325367.16	326963.48	0:00	0	0:00	0
1117	Other Structure	Non-Participating	324636.50	328365.31	0:00	0	0:00	0
1118	Other Structure	Non-Participating	323920.13	328066.70	0:00	0	0:00	0
1119	Other Structure	Non-Participating	324098.99	327992.87	0:00	0	0:00	0
1120	Other Structure	Non-Participating	324300.97	327935.49	0:00	0	0:00	0
1124	Other Structure	Non-Participating	323667.05	327394.95	0:00	0	0:00	0
1142	Other Structure	Non-Participating	325531.74	326674.47	0:00	0	0:00	0
1143	Other Structure	Non-Participating	328104.06	320425.18	0:00	0	0:00	0
1149	Other Structure	Non-Participating	329968.54	325124.57	0:00	0	0:00	0
1151	Other Structure	Non-Participating	330048.73	326332.33	0:00	0	0:00	0
1154	Other Structure	Non-Participating	325855.64	326639.69	0:00	0	0:00	0
1155	Other Structure	Non-Participating	325009.86	326305.83	0:00	0	0:00	0
1170	Uninhabitable Residence	Non-Participating	329676.46	327804.52	0:00	0	0:00	0
1180	Other Structure	Non-Participating	323341.35	322399.75	0:00	0	0:00	0
1181	Other Structure	Non-Participating	326889.51	320634.53	0:00	0	0:00	0
1182	Other Structure	Non-Participating	326888.51	320657.54	0:00	0	0:00	0
1204	Other Structure	Non-Participating	315578.61	331517.42	0:00	0	0:00	0
1286	Other Structure	Non-Participating	322378.49	323100.70	0:00	0	0:00	0
1302	Other Structure	Non-Participating	313003.01	327003.84	0:00	0	0:00	0
1303	Other Structure	Non-Participating	314724.48	331396.45	0:00	0	0:00	0
1304	Other Structure	Non-Participating	314236.77	327373.63	0:00	0	0:00	0
1305	Other Structure	Non-Participating	313962.55	327631.86	0:00	0	0:00	0
1306	Other Structure	Non-Participating	313478.52	328774.88	0:00	0	0:00	0
1307	Other Structure	Non-Participating	314359.62	330014.40	0:00	0	0:00	0
1308	Other Structure	Non-Participating	315753.64	332138.16	0:00	0	0:00	0
1309	Other Structure	Non-Participating	317146.03	332061.13	0:00	0	0:00	0
1310	Other Structure	Non-Participating	318050.11	332095.73	0:00	0	0:00	0
1311	Other Structure	Non-Participating	318861.46	332982.28	0:00	0	0:00	0
1312	Other Structure	Non-Participating	318701.47	333470.70	0:00	0	0:00	0
1313	Other Structure	Non-Participating	318830.31	333476.40	0:00	0	0:00	0
1314	Other Structure	Non-Participating	319219.03	333313.90	0:00	0	0:00	0
1315	Other Structure	Non-Participating	319558.52	333306.26	0:00	0	0:00	0
1316	Other Structure	Non-Participating	317317.04	333551.41	0:00	0	0:00	0
1317	Other Structure	Non-Participating	318928.89	332985.76	0:00	0	0:00	0
1318	Other Structure	Non-Participating	318940.58	332181.83	0:00	0	0:00	0
1319	Other Structure	Non-Participating	319002.13	332103.01	0:00	0	0:00	0
1320	Other Structure	Non-Participating	318928.16	331682.94	0:00	0	0:00	0
1321	Other Structure	Non-Participating	318457.26	331635.95	0:00	0	0:00	0
1322	Other Structure	Non-Participating	318283.85	331698.53	0:00	0	0:00	0
1323	Other Structure	Non-Participating	316854.34	330952.33	0:00	0	0:00	0
1324	Other Structure	Non-Participating	316842.78	330513.60	0:00	0	0:00	0
1325	Other Structure	Non-Participating	315338.46	330221.76	0:00	0	0:00	0

Table B-3.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1326	Other Structure	Non-Participating	315769.32	330184.48	0:00	0	0:00	0
1330	Other Structure	Non-Participating	314820.52	328833.90	0:00	0	0:00	0
1331	Other Structure	Non-Participating	314731.75	328934.19	0:00	0	0:00	0
1333	Other Structure	Non-Participating	315252.38	325610.21	0:00	0	0:00	0
1334	Other Structure	Non-Participating	315252.83	324271.48	0:00	0	0:00	0
1335	Other Structure	Non-Participating	315888.75	324226.64	0:00	0	0:00	0
1336	Other Structure	Non-Participating	315942.67	324199.68	0:00	0	0:00	0
1337	Other Structure	Non-Participating	315832.35	324123.20	0:00	0	0:00	0
1338	Other Structure	Non-Participating	315751.58	323624.11	0:00	0	0:00	0
1339	Other Structure	Non-Participating	316078.36	323937.35	0:00	0	0:00	0
1340	Other Structure	Non-Participating	316142.51	323662.02	0:00	0	0:00	0
1341	Other Structure	Non-Participating	316235.27	323668.24	0:00	0	0:00	0
1342	Other Structure	Non-Participating	316592.95	323519.61	0:00	0	0:00	0
1343	Other Structure	Non-Participating	315928.09	324319.75	0:00	0	0:00	0
1344	Other Structure	Non-Participating	316204.61	324208.18	0:00	0	0:00	0
1345	Other Structure	Non-Participating	318285.87	324060.86	0:00	0	0:00	0
1346	Other Structure	Non-Participating	318330.71	323924.89	0:00	0	0:00	0
1347	Other Structure	Non-Participating	317924.80	323615.41	0:00	0	0:00	0
1366	Other Structure	Non-Participating	320578.83	331496.39	0:00	0	0:00	0
1367	Other Structure	Non-Participating	320240.75	331397.70	0:00	0	0:00	0
1368	Other Structure	Non-Participating	319933.28	332566.55	0:00	0	0:00	0
1369	Other Structure	Non-Participating	321023.01	331014.06	0:00	0	0:00	0
1370	Other Structure	Non-Participating	321929.28	329227.03	0:00	0	0:00	0
1371	Other Structure	Non-Participating	322288.73	329298.61	0:00	0	0:00	0
1372	Other Structure	Non-Participating	323180.50	329372.93	0:00	0	0:00	0
1373	Other Structure	Non-Participating	322775.23	330114.71	0:00	0	0:00	0
1374	Other Structure	Non-Participating	322703.97	330871.45	0:00	0	0:00	0
1375	Other Structure	Non-Participating	323270.92	329761.67	0:00	0	0:00	0
1376	Other Structure	Non-Participating	323329.15	329708.23	0:00	0	0:00	0
1377	Other Structure	Non-Participating	323498.59	329812.09	0:00	0	0:00	0
1378	Other Structure	Non-Participating	323290.46	329840.43	0:00	0	0:00	0
1379	Other Structure	Non-Participating	324572.39	329653.98	0:00	0	0:00	0
1380	Other Structure	Non-Participating	323764.61	329463.24	0:00	0	0:00	0
1381	Other Structure	Non-Participating	324000.09	329100.09	0:00	0	0:00	0
1382	Other Structure	Non-Participating	323469.68	328122.91	0:00	0	0:00	0
1383	Other Structure	Non-Participating	323305.27	328251.07	0:00	0	0:00	0
1384	Other Structure	Non-Participating	322996.15	329319.66	0:00	0	0:00	0
1388	Other Structure	Non-Participating	321924.39	327555.91	0:00	0	0:00	0
1390	Other Structure	Non-Participating	322378.05	327831.14	0:00	0	0:00	0
1396	Other Structure	Non-Participating	321561.34	325443.95	0:00	0	0:00	0
1398	Other Structure	Non-Participating	319828.35	325368.69	0:00	0	0:00	0
1399	Other Structure	Non-Participating	319408.77	323882.38	0:00	0	0:00	0

Table B-3.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1400	Other Structure	Non-Participating	319369.46	323944.70	0:00	0	0:00	0
1401	Other Structure	Non-Participating	319340.92	323904.95	0:00	0	0:00	0
1402	Other Structure	Non-Participating	319610.74	323757.30	0:00	0	0:00	0
1403	Other Structure	Non-Participating	319775.51	323580.80	0:00	0	0:00	0
1404	Other Structure	Non-Participating	319084.50	322427.86	0:00	0	0:00	0
1405	Other Structure	Non-Participating	319110.58	322696.95	0:00	0	0:00	0
1407	Other Structure	Non-Participating	320562.51	322376.65	0:00	0	0:00	0
1408	Other Structure	Non-Participating	321285.77	322609.63	0:00	0	0:00	0
1420	Other Structure	Non-Participating	314397.28	329980.92	0:00	0	0:00	0
1424	Other Structure	Non-Participating	316379.15	328938.57	0:00	0	0:00	0
1435	Uninhabitable Residence	Non-Participating	323164.68	329684.71	0:00	0	0:00	0
1436	Uninhabitable Residence	Non-Participating	323216.50	329943.53	0:00	0	0:00	0
1437	Uninhabitable Residence	Non-Participating	320795.04	323737.37	0:00	0	0:00	0
1495	Uninhabitable Residence	Non-Participating	313666.97	328664.44	0:00	0	0:00	0
1518	Other Structure	Non-Participating	314311.74	330093.18	0:00	0	0:00	0
1560	Uninhabitable Residence	Non-Participating	318770.01	333472.83	0:00	0	0:00	0
1591	Other Structure	Non-Participating	316752.13	330029.39	0:00	0	0:00	0
1594	Other Structure	Non-Participating	315955.43	329955.99	0:00	0	0:00	0
1596	Other Structure	Non-Participating	315780.10	330089.50	0:00	0	0:00	0
1663	Other Structure	Non-Participating	315191.09	325642.82	0:00	0	0:00	0
1798	Other Structure	Non-Participating	318265.60	324749.32	0:00	0	0:00	0
1923	Other Structure	Non-Participating	320514.55	330716.65	0:00	0	0:00	0
1924	Uninhabitable Residence	Non-Participating	320473.96	330853.12	0:00	0	0:00	0
1951	Uninhabitable Residence	Non-Participating	320317.19	331577.43	0:00	0	0:00	0
1972	Uninhabitable Residence	Non-Participating	323048.61	329386.03	0:00	0	0:00	0
2017	Uninhabitable Residence	Non-Participating	323350.10	329873.49	0:00	0	0:00	0
2025	Uninhabitable Residence	Non-Participating	323147.65	329856.55	0:00	0	0:00	0
2035	Other Structure	Non-Participating	323505.03	330037.11	0:00	0	0:00	0
2070	Uninhabitable Residence	Non-Participating	323188.70	328677.66	0:00	0	0:00	0
2123	Other Structure	Non-Participating	320035.74	325178.46	0:00	0	0:00	0
2145	Uninhabitable Residence	Non-Participating	321305.89	324003.25	0:00	0	0:00	0
2205	Other Structure	Non-Participating	317703.22	322971.96	0:00	0	0:00	0
2207	Other Structure	Non-Participating	317058.07	322752.09	0:00	0	0:00	0
2209	Other Structure	Non-Participating	319843.13	322657.14	0:00	0	0:00	0
2211	Other Structure	Non-Participating	320289.45	322217.39	0:00	0	0:00	0
2212	Other Structure	Non-Participating	318987.54	322594.00	0:00	0	0:00	0
2214	Other Structure	Non-Participating	321418.73	322722.89	0:00	0	0:00	0
2215	Other Structure	Non-Participating	319010.06	322564.76	0:00	0	0:00	0
2218	Other Structure	Non-Participating	315662.22	322967.73	0:00	0	0:00	0
2219	Other Structure	Non-Participating	321413.78	322721.42	0:00	0	0:00	0
2220	Other Structure	Non-Participating	317067.96	322775.05	0:00	0	0:00	0
2221	Other Structure	Non-Participating	319476.95	322635.90	0:00	0	0:00	0

Table B-3.1: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2222	Other Structure	Non-Participating	320050.92	322098.04	0:00	0	0:00	0
2223	Other Structure	Non-Participating	317340.93	323389.67	0:00	0	0:00	0
2224	Other Structure	Non-Participating	315711.98	323081.80	0:00	0	0:00	0
2225	Other Structure	Non-Participating	320647.91	322381.46	0:00	0	0:00	0
2226	Other Structure	Non-Participating	319656.17	322701.60	0:00	0	0:00	0
2227	Other Structure	Non-Participating	315593.95	323354.67	0:00	0	0:00	0
2228	Other Structure	Non-Participating	315896.91	324200.07	0:00	0	0:00	0
2231	Other Structure	Non-Participating	322305.25	321259.93	0:00	0	0:00	0
2232	Other Structure	Non-Participating	323657.16	320828.94	0:00	0	0:00	0
2233	Other Structure	Non-Participating	320154.78	322581.04	0:00	0	0:00	0
2234	Other Structure	Non-Participating	321055.55	322623.34	0:00	0	0:00	0
2235	Other Structure	Non-Participating	321579.55	322766.04	0:00	0	0:00	0
2236	Other Structure	Non-Participating	316996.72	322864.03	0:00	0	0:00	0
2237	Other Structure	Non-Participating	319687.26	322630.79	0:00	0	0:00	0
2238	Other Structure	Non-Participating	322327.98	321131.09	0:00	0	0:00	0
2239	Other Structure	Non-Participating	315608.16	323422.04	0:00	0	0:00	0
2241	Other Structure	Non-Participating	320864.63	322486.69	0:00	0	0:00	0
2242	Other Structure	Non-Participating	322360.26	321455.91	0:00	0	0:00	0
2244	Other Structure	Non-Participating	315691.63	323065.30	0:00	0	0:00	0
2245	Other Structure	Non-Participating	320140.82	322597.03	0:00	0	0:00	0
2246	Other Structure	Non-Participating	320049.57	322080.52	0:00	0	0:00	0
2247	Other Structure	Non-Participating	318127.33	322688.93	0:00	0	0:00	0
2248	Other Structure	Non-Participating	317000.80	322821.30	0:00	0	0:00	0
2249	Other Structure	Non-Participating	317501.17	323331.39	0:00	0	0:00	0
2250	Other Structure	Non-Participating	320284.65	322219.83	0:00	0	0:00	0
2252	Other Structure	Non-Participating	314311.30	323836.85	0:00	0	0:00	0
2253	Other Structure	Non-Participating	321448.05	322679.46	0:00	0	0:00	0
2254	Other Structure	Non-Participating	322454.19	321494.32	0:00	0	0:00	0
2255	Other Structure	Non-Participating	322788.16	320590.09	0:00	0	0:00	0
2256	Other Structure	Non-Participating	321506.83	322735.91	0:00	0	0:00	0
2259	Other Structure	Non-Participating	319480.80	322537.90	0:00	0	0:00	0
2260	Other Structure	Non-Participating	315825.24	323999.20	0:00	0	0:00	0
2261	Other Structure	Non-Participating	319734.70	322582.16	0:00	0	0:00	0
2262	Other Structure	Non-Participating	320005.93	322720.19	0:00	0	0:00	0
2263	Other Structure	Non-Participating	323644.09	320846.32	0:00	0	0:00	0
2264	Other Structure	Non-Participating	315589.26	323539.59	0:00	0	0:00	0
2265	Other Structure	Non-Participating	319101.18	322547.51	0:00	0	0:00	0
2266	Other Structure	Non-Participating	314015.93	324412.05	0:00	0	0:00	0
2267	Other Structure	Non-Participating	315834.15	324000.79	0:00	0	0:00	0
2268	Other Structure	Non-Participating	321670.28	322746.73	0:00	0	0:00	0
2269	Other Structure	Non-Participating	319813.07	322633.01	0:00	0	0:00	0
2271	Other Structure	Non-Participating	321518.86	322735.63	0:00	0	0:00	0

Table B-3.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2274	Other Structure	Non-Participating	320123.08	322442.56	0:00	0	0:00	0
2275	Other Structure	Non-Participating	320622.75	322395.61	0:00	0	0:00	0
2276	Other Structure	Non-Participating	317639.38	322691.29	0:00	0	0:00	0
2277	Other Structure	Non-Participating	319527.20	322513.06	0:00	0	0:00	0
2279	Other Structure	Non-Participating	315815.59	324151.20	0:00	0	0:00	0
2280	Other Structure	Non-Participating	314356.99	324372.35	0:00	0	0:00	0
2281	Other Structure	Non-Participating	323007.40	320666.72	0:00	0	0:00	0
2283	Other Structure	Non-Participating	320698.38	322515.38	0:00	0	0:00	0
2284	Other Structure	Non-Participating	319080.34	322576.24	0:00	0	0:00	0
2287	Other Structure	Non-Participating	319349.55	323904.91	0:00	0	0:00	0
2299	Uninhabitable Residence	Non-Participating	318489.23	333474.94	0:00	0	0:00	0
2303	Other Structure	Non-Participating	322825.06	330139.69	0:00	0	0:00	0
2305	Other Structure	Non-Participating	315298.19	331494.85	0:00	0	0:00	0
2313	Other Structure	Non-Participating	314837.21	330359.69	0:00	0	0:00	0
2314	Other Structure	Non-Participating	317450.15	323827.68	0:00	0	0:00	0
2315	Other Structure	Non-Participating	317494.63	323738.77	0:00	0	0:00	0
2316	Other Structure	Non-Participating	317498.91	323727.25	0:00	0	0:00	0
2317	Other Structure	Non-Participating	317528.86	323754.60	0:00	0	0:00	0
2318	Other Structure	Non-Participating	315993.28	324226.41	0:00	0	0:00	0
2319	Other Structure	Non-Participating	315970.96	324225.32	0:00	0	0:00	0
2320	Other Structure	Non-Participating	316133.42	324212.00	0:00	0	0:00	0
2321	Other Structure	Non-Participating	316164.61	324281.24	0:00	0	0:00	0
2322	Other Structure	Non-Participating	316151.82	324289.84	0:00	0	0:00	0
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Other Receptors								
<b>1018</b>	<b>Other Structure</b>	<b>Non-Participating</b>	<b>322768.96</b>	<b>323596.52</b>	<b>130:49</b>	<b>73</b>	<b>41:24</b>	<b>2484</b>
<b>118</b>	<b>Other Structure</b>	<b>Non-Participating</b>	<b>327569.77</b>	<b>320414.73</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-3.m: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0
707	Other Structure	Participating	323572.23	324755.20	73:41	57	19:56	1196
1053	Other Structure	Participating	326779.34	323994.06	110:35	59	34:14	2054
1054	Other Structure	Participating	326890.60	324140.60	173:44	79	52:36	3156
1055	Other Structure	Participating	326833.84	324582.29	184:54	72	42:16	2536
1056	Other Structure	Participating	326765.97	324596.30	193:35	61	48:17	2897
1057	Other Structure	Participating	326699.29	324617.22	199:18	68	53:45	3225
1138	Other Structure	Participating	322569.89	325206.55	56:59	41	9:44	584
1139	Other Structure	Participating	323024.33	325025.50	55:55	56	14:15	855
1140	Other Structure	Participating	323002.26	324993.56	55:11	57	14:18	858
1141	Other Structure	Participating	323039.52	324978.30	57:11	55	15:02	902
1161	Other Structure	Participating	323275.69	324990.73	83:19	51	22:03	1323
1391	Other Structure	Participating	321500.12	326342.74	74:36	53	21:31	1291
1392	Other Structure	Participating	321496.88	326287.98	78:14	54	23:29	1409
1397	Other Structure	Participating	322548.01	325197.20	57:37	42	9:48	588
1429	Uninhabitable Residence	Participating	317886.55	328175.99	132:59	76	35:10	2110
2086	Other Structure	Participating	322663.70	326721.51	138:06	99	32:52	1972
2292	Other Structure	Participating	317835.45	326202.77	115:59	69	34:11	2051
2328	Other Structure	Participating	316592.56	326974.92	69:10	52	13:35	815
2331	Other Structure	Participating	318820.70	328960.73	248:17	120	69:11	4151
Summary of Maximum and Minimum Shadow Flicker for Participating Other Receptors								
<b>2331</b>	<b>Other Structure</b>	<b>Participating</b>	<b>318820.70</b>	<b>328960.73</b>	<b>248:17</b>	<b>120</b>	<b>69:11</b>	<b>4151</b>
<b>450</b>	<b>Other Structure</b>	<b>Participating</b>	<b>323252.83</b>	<b>323325.13</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-3.n: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
2331	Other Structure	Participating	318820.70	328960.73	248:17	120	69:11	4151
1057	Other Structure	Participating	326699.29	324617.22	199:18	68	53:45	3225
1054	Other Structure	Participating	326890.60	324140.60	173:44	79	52:36	3156
1056	Other Structure	Participating	326765.97	324596.30	193:35	61	48:17	2897
1055	Other Structure	Participating	326833.84	324582.29	184:54	72	42:16	2536
1429	Uninhabitable Residence	Participating	317886.55	328175.99	132:59	76	35:10	2110
1053	Other Structure	Participating	326779.34	323994.06	110:35	59	34:14	2054
2292	Other Structure	Participating	317835.45	326202.77	115:59	69	34:11	2051
2086	Other Structure	Participating	322663.70	326721.51	138:06	99	32:52	1972
1392	Other Structure	Participating	321496.88	326287.98	78:14	54	23:29	1409
1161	Other Structure	Participating	323275.69	324990.73	83:19	51	22:03	1323
1391	Other Structure	Participating	321500.12	326342.74	74:36	53	21:31	1291
707	Other Structure	Participating	323572.23	324755.20	73:41	57	19:56	1196
1141	Other Structure	Participating	323039.52	324978.30	57:11	55	15:02	902
1140	Other Structure	Participating	323002.26	324993.56	55:11	57	14:18	858
1139	Other Structure	Participating	323024.33	325025.50	55:55	56	14:15	855
2328	Other Structure	Participating	316592.56	326974.92	69:10	52	13:35	815
1397	Other Structure	Participating	322548.01	325197.20	57:37	42	9:48	588
1138	Other Structure	Participating	322569.89	325206.55	56:59	41	9:44	584
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Other Receptors								
<b>2331</b>	<b>Other Structure</b>	<b>Participating</b>	<b>318820.70</b>	<b>328960.73</b>	<b>248:17</b>	<b>120</b>	<b>69:11</b>	<b>4151</b>
<b>450</b>	<b>Other Structure</b>	<b>Participating</b>	<b>323252.83</b>	<b>323325.13</b>	<b>0:00</b>	<b>0</b>	<b>0:00</b>	<b>0</b>

Table B-3.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0
752	Institutional Structure	Non-Participating	326598.11	321723.67	0:00	0	0:00	0
753	Institutional Structure	Non-Participating	326613.84	321752.77	0:00	0	0:00	0
754	Institutional Structure	Non-Participating	326618.79	321616.43	0:00	0	0:00	0
755	Institutional Structure	Non-Participating	326589.98	321656.57	0:00	0	0:00	0
756	Institutional Structure	Non-Participating	326564.38	321654.53	0:00	0	0:00	0
757	Institutional Structure	Non-Participating	326596.02	321586.60	0:00	0	0:00	0
758	Institutional Structure	Non-Participating	326623.24	321565.50	0:00	0	0:00	0
759	Institutional Structure	Non-Participating	326798.25	321543.40	0:00	0	0:00	0
760	Institutional Structure	Non-Participating	326760.18	321454.92	0:00	0	0:00	0
761	Institutional Structure	Non-Participating	326701.75	321565.69	0:00	0	0:00	0
762	Institutional Structure	Non-Participating	326673.45	321531.69	0:00	0	0:00	0
763	Institutional Structure	Non-Participating	326901.13	321538.15	0:00	0	0:00	0
764	Institutional Structure	Non-Participating	326834.36	321398.28	0:00	0	0:00	0
765	Institutional Structure	Non-Participating	327100.23	321344.02	0:00	0	0:00	0
766	Institutional Structure	Non-Participating	327087.21	321511.41	0:00	0	0:00	0
767	Institutional Structure	Non-Participating	327051.80	321624.76	0:00	0	0:00	0
768	Institutional Structure	Non-Participating	327029.55	321706.30	0:00	0	0:00	0
769	Institutional Structure	Non-Participating	327286.72	321632.83	0:00	0	0:00	0
770	Institutional Structure	Non-Participating	326692.24	321996.52	0:00	0	0:00	0
771	Institutional Structure	Non-Participating	327003.37	321818.98	0:00	0	0:00	0
772	Institutional Structure	Non-Participating	327063.02	321775.07	0:00	0	0:00	0
773	Institutional Structure	Non-Participating	327084.35	321815.47	0:00	0	0:00	0
774	Institutional Structure	Non-Participating	326974.23	321894.22	0:00	0	0:00	0
775	Institutional Structure	Non-Participating	326976.43	321971.91	0:00	0	0:00	0
776	Institutional Structure	Non-Participating	326927.65	322036.24	0:00	0	0:00	0
777	Institutional Structure	Non-Participating	327032.06	322056.30	0:00	0	0:00	0
778	Institutional Structure	Non-Participating	327031.01	322122.27	0:00	0	0:00	0
779	Institutional Structure	Non-Participating	326887.89	322211.67	0:00	0	0:00	0
780	Institutional Structure	Non-Participating	326992.09	322280.69	0:00	0	0:00	0
781	Institutional Structure	Non-Participating	326928.32	322296.76	0:00	0	0:00	0
782	Institutional Structure	Non-Participating	326903.79	322305.84	0:00	0	0:00	0
783	Institutional Structure	Non-Participating	326925.87	322121.48	0:00	0	0:00	0
784	Institutional Structure	Non-Participating	326766.88	322318.91	0:00	0	0:00	0
785	Institutional Structure	Non-Participating	326528.49	322292.14	0:00	0	0:00	0
787	Institutional Structure	Non-Participating	326364.70	322416.29	0:00	0	0:00	0
788	Institutional Structure	Non-Participating	326540.00	322397.40	0:00	0	0:00	0
789	Institutional Structure	Non-Participating	326397.84	322532.17	0:00	0	0:00	0
790	Institutional Structure	Non-Participating	326367.57	322592.43	0:00	0	0:00	0
791	Institutional Structure	Non-Participating	326316.09	322606.67	0:00	0	0:00	0
792	Institutional Structure	Non-Participating	326088.51	322986.36	0:00	0	0:00	0
793	Institutional Structure	Non-Participating	325982.02	322971.49	0:00	0	0:00	0



Table B-3.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
794	Institutional Structure	Non-Participating	325926.09	322989.02	0:00	0	0:00	0
795	Institutional Structure	Non-Participating	326953.44	322387.37	0:00	0	0:00	0
796	Institutional Structure	Non-Participating	327251.12	322318.82	0:00	0	0:00	0
797	Institutional Structure	Non-Participating	325662.43	327220.47	0:00	0	0:00	0
798	Institutional Structure	Non-Participating	325390.01	327360.59	0:00	0	0:00	0
799	Institutional Structure	Non-Participating	326904.24	321787.37	0:00	0	0:00	0
800	Institutional Structure	Non-Participating	325623.37	327287.76	0:00	0	0:00	0
897	Public Structure	Non-Participating	326518.73	322018.50	0:00	0	0:00	0
899	Public Structure	Non-Participating	327353.35	321189.97	0:00	0	0:00	0
900	Public Structure	Non-Participating	327307.02	321232.57	0:00	0	0:00	0
901	Public Structure	Non-Participating	327420.46	320737.79	0:00	0	0:00	0
902	Public Structure	Non-Participating	326003.51	322594.76	0:00	0	0:00	0
903	Public Structure	Non-Participating	326212.43	322681.19	0:00	0	0:00	0
904	Public Structure	Non-Participating	326002.69	323272.01	0:00	0	0:00	0
905	Public Structure	Non-Participating	326820.18	322383.87	0:00	0	0:00	0
906	Public Structure	Non-Participating	326872.15	322362.33	0:00	0	0:00	0
907	Public Structure	Non-Participating	330033.99	325044.25	0:00	0	0:00	0
910	Public Structure	Non-Participating	325503.34	327956.06	0:00	0	0:00	0
969	Institutional Structure	Non-Participating	326116.55	322942.50	0:00	0	0:00	0
1165	Public Structure	Non-Participating	325651.25	327979.21	0:00	0	0:00	0
1175	Public Structure	Non-Participating	328798.91	325209.24	11:51	27	3:14	194
1289	Institutional Structure	Non-Participating	315012.62	330104.68	0:00	0	0:00	0
1290	Institutional Structure	Non-Participating	315047.62	330114.33	0:00	0	0:00	0
1291	Institutional Structure	Non-Participating	315755.50	324703.34	0:00	0	0:00	0
1292	Institutional Structure	Non-Participating	323037.97	329735.76	0:00	0	0:00	0
1293	Institutional Structure	Non-Participating	323481.48	329915.56	0:00	0	0:00	0
1294	Institutional Structure	Non-Participating	323452.15	329906.01	0:00	0	0:00	0
1295	Institutional Structure	Non-Participating	323233.49	329944.11	0:00	0	0:00	0
1296	Institutional Structure	Non-Participating	323343.80	329957.91	0:00	0	0:00	0
1297	Institutional Structure	Non-Participating	323305.69	330058.02	0:00	0	0:00	0
1298	Institutional Structure	Non-Participating	323345.87	330059.13	0:00	0	0:00	0
1299	Institutional Structure	Non-Participating	322059.40	323672.65	11:53	28	3:33	213
1300	Institutional Structure	Non-Participating	322008.16	323597.31	11:08	27	3:24	204
1301	Institutional Structure	Non-Participating	322088.91	323628.57	13:01	29	3:58	238
1410	Public Structure	Non-Participating	314166.02	327544.44	0:00	0	0:00	0
1411	Public Structure	Non-Participating	319293.81	333340.96	0:00	0	0:00	0
1412	Public Structure	Non-Participating	316009.20	324300.01	0:00	0	0:00	0
1413	Public Structure	Non-Participating	316259.98	326540.25	44:53	40	12:53	773
1414	Public Structure	Non-Participating	322869.47	330265.73	0:00	0	0:00	0
1415	Public Structure	Non-Participating	323115.11	329964.65	0:00	0	0:00	0
1416	Public Structure	Non-Participating	323102.00	329679.12	0:00	0	0:00	0
1417	Public Structure	Non-Participating	321254.77	324520.60	56:28	55	17:45	1065

Table B-3.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1418	Public Structure	Non-Participating	322411.64	320448.65	0:00	0	0:00	0
1510	Public Structure	Non-Participating	314892.40	330042.63	0:00	0	0:00	0
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Public Receptors								
1417	Public Structure	Non-Participating	321254.77	324520.60	56:28	55	17:45	1065
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0

Table B-3.p: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Public and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1417	Public Structure	Non-Participating	321254.77	324520.60	56:28	55	17:45	1065
1413	Public Structure	Non-Participating	316259.98	326540.25	44:53	40	12:53	773
1301	Institutional Structure	Non-Participating	322088.91	323628.57	13:01	29	3:58	238
1299	Institutional Structure	Non-Participating	322059.40	323672.65	11:53	28	3:33	213
1300	Institutional Structure	Non-Participating	322008.16	323597.31	11:08	27	3:24	204
1175	Public Structure	Non-Participating	328798.91	325209.24	11:51	27	3:14	194
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0
752	Institutional Structure	Non-Participating	326598.11	321723.67	0:00	0	0:00	0
753	Institutional Structure	Non-Participating	326613.84	321752.77	0:00	0	0:00	0
754	Institutional Structure	Non-Participating	326618.79	321616.43	0:00	0	0:00	0
755	Institutional Structure	Non-Participating	326589.98	321656.57	0:00	0	0:00	0
756	Institutional Structure	Non-Participating	326564.38	321654.53	0:00	0	0:00	0
757	Institutional Structure	Non-Participating	326596.02	321586.60	0:00	0	0:00	0
758	Institutional Structure	Non-Participating	326623.24	321565.50	0:00	0	0:00	0
759	Institutional Structure	Non-Participating	326798.25	321543.40	0:00	0	0:00	0
760	Institutional Structure	Non-Participating	326760.18	321454.92	0:00	0	0:00	0
761	Institutional Structure	Non-Participating	326701.75	321565.69	0:00	0	0:00	0
762	Institutional Structure	Non-Participating	326673.45	321531.69	0:00	0	0:00	0
763	Institutional Structure	Non-Participating	326901.13	321538.15	0:00	0	0:00	0
764	Institutional Structure	Non-Participating	326834.36	321398.28	0:00	0	0:00	0
765	Institutional Structure	Non-Participating	327100.23	321344.02	0:00	0	0:00	0
766	Institutional Structure	Non-Participating	327087.21	321511.41	0:00	0	0:00	0
767	Institutional Structure	Non-Participating	327051.80	321624.76	0:00	0	0:00	0
768	Institutional Structure	Non-Participating	327029.55	321706.30	0:00	0	0:00	0
769	Institutional Structure	Non-Participating	327286.72	321632.83	0:00	0	0:00	0
770	Institutional Structure	Non-Participating	326692.24	321996.52	0:00	0	0:00	0
771	Institutional Structure	Non-Participating	327003.37	321818.98	0:00	0	0:00	0
772	Institutional Structure	Non-Participating	327063.02	321775.07	0:00	0	0:00	0
773	Institutional Structure	Non-Participating	327084.35	321815.47	0:00	0	0:00	0
774	Institutional Structure	Non-Participating	326974.23	321894.22	0:00	0	0:00	0
775	Institutional Structure	Non-Participating	326976.43	321971.91	0:00	0	0:00	0
776	Institutional Structure	Non-Participating	326927.65	322036.24	0:00	0	0:00	0
777	Institutional Structure	Non-Participating	327032.06	322056.30	0:00	0	0:00	0
778	Institutional Structure	Non-Participating	327031.01	322122.27	0:00	0	0:00	0
779	Institutional Structure	Non-Participating	326887.89	322211.67	0:00	0	0:00	0
780	Institutional Structure	Non-Participating	326992.09	322280.69	0:00	0	0:00	0
781	Institutional Structure	Non-Participating	326928.32	322296.76	0:00	0	0:00	0
782	Institutional Structure	Non-Participating	326903.79	322305.84	0:00	0	0:00	0
783	Institutional Structure	Non-Participating	326925.87	322121.48	0:00	0	0:00	0
784	Institutional Structure	Non-Participating	326766.88	322318.91	0:00	0	0:00	0
785	Institutional Structure	Non-Participating	326528.49	322292.14	0:00	0	0:00	0
787	Institutional Structure	Non-Participating	326364.70	322416.29	0:00	0	0:00	0

Table B-3.p: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Public and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
788	Institutional Structure	Non-Participating	326540.00	322397.40	0:00	0	0:00	0
789	Institutional Structure	Non-Participating	326397.84	322532.17	0:00	0	0:00	0
790	Institutional Structure	Non-Participating	326367.57	322592.43	0:00	0	0:00	0
791	Institutional Structure	Non-Participating	326316.09	322606.67	0:00	0	0:00	0
792	Institutional Structure	Non-Participating	326088.51	322986.36	0:00	0	0:00	0
793	Institutional Structure	Non-Participating	325982.02	322971.49	0:00	0	0:00	0
794	Institutional Structure	Non-Participating	325926.09	322989.02	0:00	0	0:00	0
795	Institutional Structure	Non-Participating	326953.44	322387.37	0:00	0	0:00	0
796	Institutional Structure	Non-Participating	327251.12	322318.82	0:00	0	0:00	0
797	Institutional Structure	Non-Participating	325662.43	327220.47	0:00	0	0:00	0
798	Institutional Structure	Non-Participating	325390.01	327360.59	0:00	0	0:00	0
799	Institutional Structure	Non-Participating	326904.24	321787.37	0:00	0	0:00	0
800	Institutional Structure	Non-Participating	325623.37	327287.76	0:00	0	0:00	0
897	Public Structure	Non-Participating	326518.73	322018.50	0:00	0	0:00	0
899	Public Structure	Non-Participating	327353.35	321189.97	0:00	0	0:00	0
900	Public Structure	Non-Participating	327307.02	321232.57	0:00	0	0:00	0
901	Public Structure	Non-Participating	327420.46	320737.79	0:00	0	0:00	0
902	Public Structure	Non-Participating	326003.51	322594.76	0:00	0	0:00	0
903	Public Structure	Non-Participating	326212.43	322681.19	0:00	0	0:00	0
904	Public Structure	Non-Participating	326002.69	323272.01	0:00	0	0:00	0
905	Public Structure	Non-Participating	326820.18	322383.87	0:00	0	0:00	0
906	Public Structure	Non-Participating	326872.15	322362.33	0:00	0	0:00	0
907	Public Structure	Non-Participating	330033.99	325044.25	0:00	0	0:00	0
910	Public Structure	Non-Participating	325503.34	327956.06	0:00	0	0:00	0
969	Institutional Structure	Non-Participating	326116.55	322942.50	0:00	0	0:00	0
1165	Public Structure	Non-Participating	325651.25	327979.21	0:00	0	0:00	0
1289	Institutional Structure	Non-Participating	315012.62	330104.68	0:00	0	0:00	0
1290	Institutional Structure	Non-Participating	315047.62	330114.33	0:00	0	0:00	0
1291	Institutional Structure	Non-Participating	315755.50	324703.34	0:00	0	0:00	0
1292	Institutional Structure	Non-Participating	323037.97	329735.76	0:00	0	0:00	0
1293	Institutional Structure	Non-Participating	323481.48	329915.56	0:00	0	0:00	0
1294	Institutional Structure	Non-Participating	323452.15	329906.01	0:00	0	0:00	0
1295	Institutional Structure	Non-Participating	323233.49	329944.11	0:00	0	0:00	0
1296	Institutional Structure	Non-Participating	323343.80	329957.91	0:00	0	0:00	0
1297	Institutional Structure	Non-Participating	323305.69	330058.02	0:00	0	0:00	0
1298	Institutional Structure	Non-Participating	323345.87	330059.13	0:00	0	0:00	0
1410	Public Structure	Non-Participating	314166.02	327544.44	0:00	0	0:00	0
1411	Public Structure	Non-Participating	319293.81	333340.96	0:00	0	0:00	0
1412	Public Structure	Non-Participating	316009.20	324300.01	0:00	0	0:00	0
1414	Public Structure	Non-Participating	322869.47	330265.73	0:00	0	0:00	0
1415	Public Structure	Non-Participating	323115.11	329964.65	0:00	0	0:00	0
1416	Public Structure	Non-Participating	323102.00	329679.12	0:00	0	0:00	0

Table B-3.p: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Public and Non-Participating Receptors] - GE 158-6.1

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1418	Public Structure	Non-Participating	322411.64	320448.65	0:00	0	0:00	0
1510	Public Structure	Non-Participating	314892.40	330042.63	0:00	0	0:00	0
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Public Receptors								
1417	Public Structure	Non-Participating	321254.77	324520.60	56:28	55	17:45	1065
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0

**Appendix C**

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**Graphical & Tabular Calendars – Receptors Over 30 Hours Per Year (without Mitigation)**

CONFIDENTIAL INFORMATION

**THIS APPENDIX HAS BEEN REDACTED IN ITS ENTIRETY**

**Appendix D**

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**Cumulative Shadow Flicker Modeling Results**

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1	Year-Round Residence	Non-Participating	325840.23	321460.84	0:00	0	0:00	0	0:00	0
2	Year-Round Residence	Non-Participating	325754.47	321507.92	0:00	0	0:00	0	0:00	0
3	Year-Round Residence	Non-Participating	325773.13	321554.04	0:00	0	0:00	0	0:00	0
4	Year-Round Residence	Non-Participating	325850.26	321518.33	0:00	0	0:00	0	0:00	0
5	Year-Round Residence	Non-Participating	325787.58	321592.73	0:00	0	0:00	0	0:00	0
6	Year-Round Residence	Non-Participating	325858.58	321556.18	0:00	0	0:00	0	0:00	0
7	Year-Round Residence	Non-Participating	325791.13	321644.33	0:00	0	0:00	0	0:00	0
8	Year-Round Residence	Non-Participating	325882.95	321657.48	0:00	0	0:00	0	0:00	0
9	Year-Round Residence	Non-Participating	325793.62	321691.48	0:00	0	0:00	0	0:00	0
10	Year-Round Residence	Non-Participating	325877.89	321704.54	0:00	0	0:00	0	0:00	0
11	Year-Round Residence	Non-Participating	325847.64	321863.82	0:00	0	0:00	0	0:00	0
12	Year-Round Residence	Non-Participating	325851.42	321801.66	0:00	0	0:00	0	0:00	0
13	Year-Round Residence	Non-Participating	325790.73	321841.34	0:00	0	0:00	0	0:00	0
14	Year-Round Residence	Non-Participating	325780.07	321788.11	0:00	0	0:00	0	0:00	0
15	Year-Round Residence	Non-Participating	325640.85	321775.66	0:00	0	0:00	0	0:00	0
16	Year-Round Residence	Non-Participating	325636.37	321819.21	0:00	0	0:00	0	0:00	0
17	Year-Round Residence	Non-Participating	325637.21	321903.43	0:00	0	0:00	0	0:00	0
18	Year-Round Residence	Non-Participating	325704.43	321882.47	0:00	0	0:00	0	0:00	0
19	Year-Round Residence	Non-Participating	325613.58	321953.56	0:00	0	0:00	0	0:00	0
20	Year-Round Residence	Non-Participating	325707.94	321947.63	0:00	0	0:00	0	0:00	0
21	Year-Round Residence	Non-Participating	325721.23	322023.73	0:00	0	0:00	0	0:00	0
22	Year-Round Residence	Non-Participating	325727.19	322101.93	0:00	0	0:00	0	0:00	0
23	Year-Round Residence	Non-Participating	325773.25	322129.89	0:00	0	0:00	0	0:00	0
24	Year-Round Residence	Non-Participating	325778.46	322081.10	0:00	0	0:00	0	0:00	0
25	Year-Round Residence	Non-Participating	325779.27	322052.74	0:00	0	0:00	0	0:00	0
26	Year-Round Residence	Non-Participating	325782.01	322010.36	0:00	0	0:00	0	0:00	0
27	Year-Round Residence	Non-Participating	325591.17	322111.22	0:00	0	0:00	0	0:00	0
28	Year-Round Residence	Non-Participating	325563.80	322171.01	0:00	0	0:00	0	0:00	0
29	Year-Round Residence	Non-Participating	325745.99	322175.13	0:00	0	0:00	0	0:00	0
30	Year-Round Residence	Non-Participating	325836.88	322187.94	0:00	0	0:00	0	0:00	0
31	Year-Round Residence	Non-Participating	325863.10	322130.59	0:00	0	0:00	0	0:00	0
32	Year-Round Residence	Non-Participating	325881.08	322045.14	0:00	0	0:00	0	0:00	0
33	Year-Round Residence	Non-Participating	325941.38	322140.98	0:00	0	0:00	0	0:00	0
34	Year-Round Residence	Non-Participating	325981.28	322146.33	0:00	0	0:00	0	0:00	0
35	Year-Round Residence	Non-Participating	326022.01	322147.17	0:00	0	0:00	0	0:00	0
36	Year-Round Residence	Non-Participating	326026.29	322059.61	0:00	0	0:00	0	0:00	0
37	Year-Round Residence	Non-Participating	326026.98	322021.16	0:00	0	0:00	0	0:00	0
38	Year-Round Residence	Non-Participating	326084.58	321982.60	0:00	0	0:00	0	0:00	0
39	Year-Round Residence	Non-Participating	326077.80	322025.57	0:00	0	0:00	0	0:00	0
40	Year-Round Residence	Non-Participating	326082.63	322074.42	0:00	0	0:00	0	0:00	0
41	Year-Round Residence	Non-Participating	326023.60	322102.89	0:00	0	0:00	0	0:00	0
42	Year-Round Residence	Non-Participating	326068.32	322158.70	0:00	0	0:00	0	0:00	0
43	Year-Round Residence	Non-Participating	325979.48	322191.19	0:00	0	0:00	0	0:00	0
44	Year-Round Residence	Non-Participating	325946.34	322191.13	0:00	0	0:00	0	0:00	0
45	Year-Round Residence	Non-Participating	325947.77	321421.23	0:00	0	0:00	0	0:00	0
46	Year-Round Residence	Non-Participating	326213.99	322125.65	0:00	0	0:00	0	0:00	0
47	Year-Round Residence	Non-Participating	326197.40	322181.67	0:00	0	0:00	0	0:00	0
48	Year-Round Residence	Non-Participating	326173.76	322218.06	0:00	0	0:00	0	0:00	0
49	Year-Round Residence	Non-Participating	326151.94	322249.53	0:00	0	0:00	0	0:00	0
50	Year-Round Residence	Non-Participating	326123.63	322274.56	0:00	0	0:00	0	0:00	0
51	Year-Round Residence	Non-Participating	326082.28	322306.20	0:00	0	0:00	0	0:00	0
52	Year-Round Residence	Non-Participating	326037.96	322338.50	0:00	0	0:00	0	0:00	0
53	Year-Round Residence	Non-Participating	325987.99	322331.51	0:00	0	0:00	0	0:00	0



Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
54	Year-Round Residence	Non-Participating	325985.59	322296.49	0:00	0	0:00	0	0:00	0
55	Year-Round Residence	Non-Participating	325939.18	322348.81	0:00	0	0:00	0	0:00	0
56	Year-Round Residence	Non-Participating	325897.37	322363.57	0:00	0	0:00	0	0:00	0
57	Year-Round Residence	Non-Participating	325866.71	322380.49	0:00	0	0:00	0	0:00	0
58	Year-Round Residence	Non-Participating	325829.44	322403.08	0:00	0	0:00	0	0:00	0
59	Year-Round Residence	Non-Participating	325778.09	322332.39	0:00	0	0:00	0	0:00	0
60	Year-Round Residence	Non-Participating	325486.42	322292.36	0:00	0	0:00	0	0:00	0
61	Year-Round Residence	Non-Participating	325428.67	322164.74	0:00	0	0:00	0	0:00	0
62	Year-Round Residence	Non-Participating	325277.25	322199.50	0:00	0	0:00	0	0:00	0
63	Year-Round Residence	Non-Participating	325378.12	322262.74	0:00	0	0:00	0	0:00	0
64	Year-Round Residence	Non-Participating	326105.29	322385.39	0:00	0	0:00	0	0:00	0
65	Year-Round Residence	Non-Participating	326120.83	322384.71	0:00	0	0:00	0	0:00	0
66	Year-Round Residence	Non-Participating	326146.44	322374.59	0:00	0	0:00	0	0:00	0
67	Year-Round Residence	Non-Participating	326163.79	322374.25	0:00	0	0:00	0	0:00	0
68	Year-Round Residence	Non-Participating	326189.85	322371.42	0:00	0	0:00	0	0:00	0
69	Year-Round Residence	Non-Participating	326227.52	322364.74	0:00	0	0:00	0	0:00	0
70	Year-Round Residence	Non-Participating	326258.55	322365.89	0:00	0	0:00	0	0:00	0
71	Year-Round Residence	Non-Participating	326274.10	322366.04	0:00	0	0:00	0	0:00	0
72	Year-Round Residence	Non-Participating	326289.72	322363.96	0:00	0	0:00	0	0:00	0
73	Year-Round Residence	Non-Participating	326324.44	322357.26	0:00	0	0:00	0	0:00	0
74	Year-Round Residence	Non-Participating	326340.61	322356.42	0:00	0	0:00	0	0:00	0
75	Year-Round Residence	Non-Participating	326447.94	322350.46	0:00	0	0:00	0	0:00	0
76	Year-Round Residence	Non-Participating	326434.67	322307.60	0:00	0	0:00	0	0:00	0
77	Year-Round Residence	Non-Participating	326433.90	322272.44	0:00	0	0:00	0	0:00	0
78	Year-Round Residence	Non-Participating	326467.63	322276.77	0:00	0	0:00	0	0:00	0
79	Year-Round Residence	Non-Participating	326464.91	322261.83	0:00	0	0:00	0	0:00	0
80	Year-Round Residence	Non-Participating	326460.67	322242.56	0:00	0	0:00	0	0:00	0
81	Year-Round Residence	Non-Participating	326456.49	322225.21	0:00	0	0:00	0	0:00	0
82	Year-Round Residence	Non-Participating	326422.04	322244.97	0:00	0	0:00	0	0:00	0
83	Year-Round Residence	Non-Participating	326456.47	322199.61	0:00	0	0:00	0	0:00	0
84	Year-Round Residence	Non-Participating	326426.47	322156.51	0:00	0	0:00	0	0:00	0
85	Year-Round Residence	Non-Participating	326455.56	322162.38	0:00	0	0:00	0	0:00	0
86	Year-Round Residence	Non-Participating	326474.82	322156.62	0:00	0	0:00	0	0:00	0
87	Year-Round Residence	Non-Participating	326473.89	322115.97	0:00	0	0:00	0	0:00	0
88	Year-Round Residence	Non-Participating	326494.70	322112.35	0:00	0	0:00	0	0:00	0
89	Year-Round Residence	Non-Participating	326521.89	322144.46	0:00	0	0:00	0	0:00	0
90	Year-Round Residence	Non-Participating	326525.65	322104.25	0:00	0	0:00	0	0:00	0
91	Year-Round Residence	Non-Participating	326559.22	322146.14	0:00	0	0:00	0	0:00	0
92	Year-Round Residence	Non-Participating	326560.55	322091.34	0:00	0	0:00	0	0:00	0
93	Year-Round Residence	Non-Participating	326565.70	322063.03	0:00	0	0:00	0	0:00	0
94	Year-Round Residence	Non-Participating	326577.01	322030.21	0:00	0	0:00	0	0:00	0
95	Year-Round Residence	Non-Participating	326586.64	321981.91	0:00	0	0:00	0	0:00	0
96	Year-Round Residence	Non-Participating	326621.58	322088.64	0:00	0	0:00	0	0:00	0
97	Year-Round Residence	Non-Participating	326623.57	322067.67	0:00	0	0:00	0	0:00	0
98	Year-Round Residence	Non-Participating	326453.54	322029.49	0:00	0	0:00	0	0:00	0
99	Year-Round Residence	Non-Participating	326476.38	322069.06	0:00	0	0:00	0	0:00	0
100	Year-Round Residence	Non-Participating	326356.15	321103.43	0:00	0	0:00	0	0:00	0
101	Year-Round Residence	Non-Participating	326204.28	321144.93	0:00	0	0:00	0	0:00	0
102	Year-Round Residence	Non-Participating	326675.85	320987.68	0:00	0	0:00	0	0:00	0
103	Year-Round Residence	Non-Participating	326680.94	320911.11	0:00	0	0:00	0	0:00	0
104	Year-Round Residence	Non-Participating	325631.11	321860.97	0:00	0	0:00	0	0:00	0
105	Year-Round Residence	Non-Participating	326747.88	320537.56	0:00	0	0:00	0	0:00	0
106	Year-Round Residence	Non-Participating	326769.58	320439.49	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
107	Year-Round Residence	Non-Participating	326757.47	320235.12	0:00	0	0:00	0	0:00	0
108	Year-Round Residence	Non-Participating	326649.77	320166.94	0:00	0	0:00	0	0:00	0
109	Year-Round Residence	Non-Participating	327107.05	321131.14	0:00	0	0:00	0	0:00	0
110	Year-Round Residence	Non-Participating	327100.78	321247.79	0:00	0	0:00	0	0:00	0
111	Year-Round Residence	Non-Participating	327260.08	321399.60	0:00	0	0:00	0	0:00	0
112	Year-Round Residence	Non-Participating	327356.80	320935.66	0:00	0	0:00	0	0:00	0
113	Year-Round Residence	Non-Participating	327370.63	320842.44	0:00	0	0:00	0	0:00	0
114	Year-Round Residence	Non-Participating	327352.24	320589.74	0:00	0	0:00	0	0:00	0
115	Year-Round Residence	Non-Participating	327283.70	320473.78	0:00	0	0:00	0	0:00	0
116	Year-Round Residence	Non-Participating	328217.19	321536.54	0:00	0	0:00	0	0:00	0
117	Year-Round Residence	Non-Participating	327395.38	320405.93	0:00	0	0:00	0	0:00	0
119	Year-Round Residence	Non-Participating	327443.98	320312.92	0:00	0	0:00	0	0:00	0
120	Year-Round Residence	Non-Participating	327877.12	320375.91	0:00	0	0:00	0	0:00	0
121	Year-Round Residence	Non-Participating	328174.72	320513.45	0:00	0	0:00	0	0:00	0
122	Year-Round Residence	Non-Participating	328253.83	320518.27	0:00	0	0:00	0	0:00	0
123	Year-Round Residence	Non-Participating	328180.55	320592.48	0:00	0	0:00	0	0:00	0
124	Year-Round Residence	Non-Participating	328172.35	320650.31	0:00	0	0:00	0	0:00	0
125	Year-Round Residence	Non-Participating	328299.81	320709.53	0:00	0	0:00	0	0:00	0
126	Year-Round Residence	Non-Participating	328419.92	320612.14	0:00	0	0:00	0	0:00	0
127	Year-Round Residence	Non-Participating	328508.22	320631.35	0:00	0	0:00	0	0:00	0
128	Year-Round Residence	Non-Participating	328148.73	320791.41	0:00	0	0:00	0	0:00	0
129	Year-Round Residence	Non-Participating	328152.43	320966.12	0:00	0	0:00	0	0:00	0
130	Year-Round Residence	Non-Participating	328226.95	320966.84	0:00	0	0:00	0	0:00	0
131	Year-Round Residence	Non-Participating	328214.86	321037.02	0:00	0	0:00	0	0:00	0
132	Year-Round Residence	Non-Participating	328195.35	321178.43	0:00	0	0:00	0	0:00	0
133	Year-Round Residence	Non-Participating	328248.10	321412.38	0:00	0	0:00	0	0:00	0
134	Year-Round Residence	Non-Participating	328163.61	321566.66	0:00	0	0:00	0	0:00	0
135	Year-Round Residence	Non-Participating	328293.42	321676.93	0:00	0	0:00	0	0:00	0
136	Year-Round Residence	Non-Participating	328296.22	321835.79	0:00	0	0:00	0	0:00	0
137	Year-Round Residence	Non-Participating	328289.17	321931.08	0:00	0	0:00	0	0:00	0
138	Year-Round Residence	Non-Participating	328303.17	322063.21	0:00	0	0:00	0	0:00	0
139	Year-Round Residence	Non-Participating	328284.81	322165.67	0:00	0	0:00	0	0:00	0
140	Year-Round Residence	Non-Participating	328410.05	322337.42	0:00	0	0:00	0	0:00	0
141	Year-Round Residence	Non-Participating	327224.97	321852.31	0:00	0	0:00	0	0:00	0
142	Year-Round Residence	Non-Participating	327284.95	321823.71	0:00	0	0:00	0	0:00	0
143	Year-Round Residence	Non-Participating	327302.32	321753.34	0:00	0	0:00	0	0:00	0
144	Year-Round Residence	Non-Participating	327354.12	321805.50	0:00	0	0:00	0	0:00	0
145	Year-Round Residence	Non-Participating	327377.69	321739.49	0:00	0	0:00	0	0:00	0
146	Year-Round Residence	Non-Participating	327130.85	321870.42	0:00	0	0:00	0	0:00	0
147	Year-Round Residence	Non-Participating	327101.69	321856.91	0:00	0	0:00	0	0:00	0
148	Year-Round Residence	Non-Participating	327113.65	321933.39	0:00	0	0:00	0	0:00	0
149	Year-Round Residence	Non-Participating	327051.71	321915.43	0:00	0	0:00	0	0:00	0
150	Year-Round Residence	Non-Participating	327089.10	322008.66	0:00	0	0:00	0	0:00	0
151	Year-Round Residence	Non-Participating	327051.28	322233.31	0:00	0	0:00	0	0:00	0
152	Year-Round Residence	Non-Participating	326831.30	322304.31	0:00	0	0:00	0	0:00	0
153	Year-Round Residence	Non-Participating	326815.90	322295.53	0:00	0	0:00	0	0:00	0
154	Year-Round Residence	Non-Participating	326768.36	322265.85	0:00	0	0:00	0	0:00	0
155	Year-Round Residence	Non-Participating	326807.24	322258.82	0:00	0	0:00	0	0:00	0
156	Year-Round Residence	Non-Participating	326762.58	322244.21	0:00	0	0:00	0	0:00	0
157	Year-Round Residence	Non-Participating	326803.42	322240.18	0:00	0	0:00	0	0:00	0
158	Year-Round Residence	Non-Participating	326761.36	322228.10	0:00	0	0:00	0	0:00	0
159	Year-Round Residence	Non-Participating	326759.92	322208.76	0:00	0	0:00	0	0:00	0
160	Year-Round Residence	Non-Participating	326803.67	322214.09	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
161	Year-Round Residence	Non-Participating	326760.72	322189.95	0:00	0	0:00	0	0:00	0
162	Year-Round Residence	Non-Participating	326800.15	322193.17	0:00	0	0:00	0	0:00	0
163	Year-Round Residence	Non-Participating	326753.85	322133.68	0:00	0	0:00	0	0:00	0
164	Year-Round Residence	Non-Participating	326759.84	322170.90	0:00	0	0:00	0	0:00	0
165	Year-Round Residence	Non-Participating	326796.75	322159.18	0:00	0	0:00	0	0:00	0
166	Year-Round Residence	Non-Participating	326797.74	322136.79	0:00	0	0:00	0	0:00	0
167	Year-Round Residence	Non-Participating	326775.14	322096.60	0:00	0	0:00	0	0:00	0
168	Year-Round Residence	Non-Participating	326755.65	322092.66	0:00	0	0:00	0	0:00	0
169	Year-Round Residence	Non-Participating	326716.36	322125.75	0:00	0	0:00	0	0:00	0
170	Year-Round Residence	Non-Participating	326730.36	322090.96	0:00	0	0:00	0	0:00	0
171	Year-Round Residence	Non-Participating	326706.98	322089.66	0:00	0	0:00	0	0:00	0
172	Year-Round Residence	Non-Participating	326684.02	322087.28	0:00	0	0:00	0	0:00	0
173	Year-Round Residence	Non-Participating	326670.84	322131.14	0:00	0	0:00	0	0:00	0
174	Year-Round Residence	Non-Participating	326667.40	322092.29	0:00	0	0:00	0	0:00	0
175	Year-Round Residence	Non-Participating	326650.10	322130.53	0:00	0	0:00	0	0:00	0
176	Year-Round Residence	Non-Participating	326649.80	322085.32	0:00	0	0:00	0	0:00	0
177	Year-Round Residence	Non-Participating	326620.03	322126.48	0:00	0	0:00	0	0:00	0
178	Year-Round Residence	Non-Participating	326634.00	322027.99	0:00	0	0:00	0	0:00	0
179	Year-Round Residence	Non-Participating	326554.28	322171.11	0:00	0	0:00	0	0:00	0
180	Year-Round Residence	Non-Participating	326612.56	322157.50	0:00	0	0:00	0	0:00	0
181	Year-Round Residence	Non-Participating	326610.46	322190.73	0:00	0	0:00	0	0:00	0
182	Year-Round Residence	Non-Participating	326553.32	322184.81	0:00	0	0:00	0	0:00	0
183	Year-Round Residence	Non-Participating	326540.47	322207.94	0:00	0	0:00	0	0:00	0
184	Year-Round Residence	Non-Participating	326539.82	322232.56	0:00	0	0:00	0	0:00	0
185	Year-Round Residence	Non-Participating	326611.16	322219.14	0:00	0	0:00	0	0:00	0
186	Year-Round Residence	Non-Participating	326533.84	322249.58	0:00	0	0:00	0	0:00	0
187	Year-Round Residence	Non-Participating	326603.48	322270.14	0:00	0	0:00	0	0:00	0
188	Year-Round Residence	Non-Participating	326532.28	322270.93	0:00	0	0:00	0	0:00	0
189	Year-Round Residence	Non-Participating	326598.50	322294.71	0:00	0	0:00	0	0:00	0
190	Year-Round Residence	Non-Participating	326591.79	322323.24	0:00	0	0:00	0	0:00	0
191	Year-Round Residence	Non-Participating	326595.31	322308.98	0:00	0	0:00	0	0:00	0
192	Year-Round Residence	Non-Participating	326589.55	322341.41	0:00	0	0:00	0	0:00	0
193	Year-Round Residence	Non-Participating	326676.31	322332.50	0:00	0	0:00	0	0:00	0
194	Year-Round Residence	Non-Participating	326161.71	322430.19	0:00	0	0:00	0	0:00	0
195	Year-Round Residence	Non-Participating	326044.14	322473.88	0:00	0	0:00	0	0:00	0
196	Year-Round Residence	Non-Participating	326071.94	322443.89	0:00	0	0:00	0	0:00	0
197	Year-Round Residence	Non-Participating	326095.46	322575.69	0:00	0	0:00	0	0:00	0
198	Year-Round Residence	Non-Participating	326082.16	322599.71	0:00	0	0:00	0	0:00	0
199	Year-Round Residence	Non-Participating	326067.54	322628.39	0:00	0	0:00	0	0:00	0
200	Year-Round Residence	Non-Participating	326049.40	322661.58	0:00	0	0:00	0	0:00	0
201	Year-Round Residence	Non-Participating	325919.00	322545.91	0:00	0	0:00	0	0:00	0
202	Year-Round Residence	Non-Participating	325916.89	322592.99	0:00	0	0:00	0	0:00	0
203	Year-Round Residence	Non-Participating	325949.51	322642.88	0:00	0	0:00	0	0:00	0
204	Year-Round Residence	Non-Participating	325966.22	322666.88	0:00	0	0:00	0	0:00	0
205	Year-Round Residence	Non-Participating	325978.97	322700.94	0:00	0	0:00	0	0:00	0
206	Year-Round Residence	Non-Participating	325963.05	322734.26	0:00	0	0:00	0	0:00	0
207	Year-Round Residence	Non-Participating	326012.30	322736.42	0:00	0	0:00	0	0:00	0
208	Year-Round Residence	Non-Participating	326002.32	322766.84	0:00	0	0:00	0	0:00	0
209	Year-Round Residence	Non-Participating	325989.38	322800.52	0:00	0	0:00	0	0:00	0
210	Year-Round Residence	Non-Participating	325940.04	322785.35	0:00	0	0:00	0	0:00	0
211	Year-Round Residence	Non-Participating	325929.00	322813.48	0:00	0	0:00	0	0:00	0
212	Year-Round Residence	Non-Participating	325976.43	322838.28	0:00	0	0:00	0	0:00	0
213	Year-Round Residence	Non-Participating	325920.05	322841.49	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
214	Year-Round Residence	Non-Participating	325959.23	322897.52	0:00	0	0:00	0	0:00	0
215	Year-Round Residence	Non-Participating	325996.76	322899.21	0:00	0	0:00	0	0:00	0
216	Year-Round Residence	Non-Participating	326031.60	322899.82	0:00	0	0:00	0	0:00	0
217	Year-Round Residence	Non-Participating	326035.96	322851.06	0:00	0	0:00	0	0:00	0
218	Year-Round Residence	Non-Participating	326067.37	322899.13	0:00	0	0:00	0	0:00	0
219	Year-Round Residence	Non-Participating	326094.56	322884.30	0:00	0	0:00	0	0:00	0
220	Year-Round Residence	Non-Participating	326109.80	322858.36	0:00	0	0:00	0	0:00	0
221	Year-Round Residence	Non-Participating	326128.03	322827.51	0:00	0	0:00	0	0:00	0
222	Year-Round Residence	Non-Participating	326071.83	322823.57	0:00	0	0:00	0	0:00	0
223	Year-Round Residence	Non-Participating	326087.69	322800.28	0:00	0	0:00	0	0:00	0
224	Year-Round Residence	Non-Participating	326146.78	322798.12	0:00	0	0:00	0	0:00	0
225	Year-Round Residence	Non-Participating	326160.23	322776.80	0:00	0	0:00	0	0:00	0
226	Year-Round Residence	Non-Participating	326109.75	322757.54	0:00	0	0:00	0	0:00	0
227	Year-Round Residence	Non-Participating	326084.61	322741.57	0:00	0	0:00	0	0:00	0
228	Year-Round Residence	Non-Participating	326056.12	322728.81	0:00	0	0:00	0	0:00	0
229	Year-Round Residence	Non-Participating	326078.93	322686.95	0:00	0	0:00	0	0:00	0
230	Year-Round Residence	Non-Participating	326251.05	322539.98	0:00	0	0:00	0	0:00	0
231	Year-Round Residence	Non-Participating	326253.25	322493.34	0:00	0	0:00	0	0:00	0
232	Year-Round Residence	Non-Participating	326212.36	322492.36	0:00	0	0:00	0	0:00	0
233	Year-Round Residence	Non-Participating	326249.71	322480.17	0:00	0	0:00	0	0:00	0
234	Year-Round Residence	Non-Participating	326214.01	322463.60	0:00	0	0:00	0	0:00	0
235	Year-Round Residence	Non-Participating	326213.45	322446.02	0:00	0	0:00	0	0:00	0
236	Year-Round Residence	Non-Participating	326199.53	322419.61	0:00	0	0:00	0	0:00	0
237	Year-Round Residence	Non-Participating	326304.35	322414.17	0:00	0	0:00	0	0:00	0
238	Year-Round Residence	Non-Participating	326327.43	322421.74	0:00	0	0:00	0	0:00	0
239	Year-Round Residence	Non-Participating	326397.02	322404.89	0:00	0	0:00	0	0:00	0
240	Year-Round Residence	Non-Participating	326432.58	322409.06	0:00	0	0:00	0	0:00	0
241	Year-Round Residence	Non-Participating	326460.49	322404.68	0:00	0	0:00	0	0:00	0
242	Year-Round Residence	Non-Participating	326529.08	322442.66	0:00	0	0:00	0	0:00	0
243	Year-Round Residence	Non-Participating	326504.26	322458.88	0:00	0	0:00	0	0:00	0
244	Year-Round Residence	Non-Participating	326453.62	322467.47	0:00	0	0:00	0	0:00	0
245	Year-Round Residence	Non-Participating	326489.87	322481.50	0:00	0	0:00	0	0:00	0
246	Year-Round Residence	Non-Participating	326442.42	322485.27	0:00	0	0:00	0	0:00	0
247	Year-Round Residence	Non-Participating	326479.68	322503.72	0:00	0	0:00	0	0:00	0
248	Year-Round Residence	Non-Participating	326426.41	322501.31	0:00	0	0:00	0	0:00	0
249	Year-Round Residence	Non-Participating	326456.19	322530.61	0:00	0	0:00	0	0:00	0
250	Year-Round Residence	Non-Participating	326466.70	322517.63	0:00	0	0:00	0	0:00	0
251	Year-Round Residence	Non-Participating	326416.00	322520.18	0:00	0	0:00	0	0:00	0
252	Year-Round Residence	Non-Participating	326227.00	322806.51	0:00	0	0:00	0	0:00	0
253	Year-Round Residence	Non-Participating	326210.33	322834.24	0:00	0	0:00	0	0:00	0
254	Year-Round Residence	Non-Participating	326195.41	322861.34	0:00	0	0:00	0	0:00	0
255	Year-Round Residence	Non-Participating	326177.72	322888.26	0:00	0	0:00	0	0:00	0
256	Year-Round Residence	Non-Participating	326191.78	322947.31	0:00	0	0:00	0	0:00	0
257	Year-Round Residence	Non-Participating	326150.47	323023.01	0:00	0	0:00	0	0:00	0
258	Year-Round Residence	Non-Participating	326109.80	323093.80	0:00	0	0:00	0	0:00	0
259	Year-Round Residence	Non-Participating	326072.00	323131.30	0:00	0	0:00	0	0:00	0
260	Year-Round Residence	Non-Participating	326035.11	323102.98	0:00	0	0:00	0	0:00	0
261	Year-Round Residence	Non-Participating	326056.55	323076.44	0:00	0	0:00	0	0:00	0
262	Year-Round Residence	Non-Participating	325970.90	323084.49	0:00	0	0:00	0	0:00	0
263	Year-Round Residence	Non-Participating	325936.56	323044.95	0:00	0	0:00	0	0:00	0
264	Year-Round Residence	Non-Participating	325904.31	323193.03	0:00	0	0:00	0	0:00	0
265	Year-Round Residence	Non-Participating	325943.43	323165.91	0:00	0	0:00	0	0:00	0
266	Year-Round Residence	Non-Participating	325688.94	323400.19	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
267	Year-Round Residence	Non-Participating	325817.19	323510.11	0:00	0	0:00	0	0:00	0
268	Year-Round Residence	Non-Participating	326764.17	322468.57	0:00	0	0:00	0	0:00	0
269	Year-Round Residence	Non-Participating	326667.97	322524.18	0:00	0	0:00	0	0:00	0
270	Year-Round Residence	Non-Participating	326667.19	322500.74	0:00	0	0:00	0	0:00	0
271	Year-Round Residence	Non-Participating	326667.43	322475.48	0:00	0	0:00	0	0:00	0
272	Year-Round Residence	Non-Participating	326772.46	322375.42	0:00	0	0:00	0	0:00	0
273	Year-Round Residence	Non-Participating	326794.69	322378.47	0:00	0	0:00	0	0:00	0
274	Year-Round Residence	Non-Participating	326835.43	322373.90	0:00	0	0:00	0	0:00	0
275	Year-Round Residence	Non-Participating	326857.51	322364.40	0:00	0	0:00	0	0:00	0
276	Year-Round Residence	Non-Participating	327017.05	322368.48	0:00	0	0:00	0	0:00	0
277	Year-Round Residence	Non-Participating	327014.10	322408.47	0:00	0	0:00	0	0:00	0
278	Year-Round Residence	Non-Participating	327070.14	322361.95	0:00	0	0:00	0	0:00	0
279	Year-Round Residence	Non-Participating	327064.61	322406.58	0:00	0	0:00	0	0:00	0
280	Year-Round Residence	Non-Participating	327062.33	322434.71	0:00	0	0:00	0	0:00	0
281	Year-Round Residence	Non-Participating	327012.01	322453.20	0:00	0	0:00	0	0:00	0
282	Year-Round Residence	Non-Participating	327052.19	322456.35	0:00	0	0:00	0	0:00	0
283	Year-Round Residence	Non-Participating	327011.15	322470.72	0:00	0	0:00	0	0:00	0
284	Year-Round Residence	Non-Participating	327049.08	322486.06	0:00	0	0:00	0	0:00	0
285	Year-Round Residence	Non-Participating	327006.93	322488.90	0:00	0	0:00	0	0:00	0
286	Year-Round Residence	Non-Participating	327009.30	322509.29	0:00	0	0:00	0	0:00	0
287	Year-Round Residence	Non-Participating	327049.92	322507.28	0:00	0	0:00	0	0:00	0
288	Year-Round Residence	Non-Participating	327047.19	322527.68	0:00	0	0:00	0	0:00	0
289	Year-Round Residence	Non-Participating	327010.17	322539.49	0:00	0	0:00	0	0:00	0
290	Year-Round Residence	Non-Participating	327048.54	322557.17	0:00	0	0:00	0	0:00	0
291	Year-Round Residence	Non-Participating	327008.82	322564.09	0:00	0	0:00	0	0:00	0
292	Year-Round Residence	Non-Participating	327007.63	322604.11	0:00	0	0:00	0	0:00	0
293	Year-Round Residence	Non-Participating	327045.16	322605.78	0:00	0	0:00	0	0:00	0
294	Year-Round Residence	Non-Participating	327036.80	322645.48	0:00	0	0:00	0	0:00	0
295	Year-Round Residence	Non-Participating	326993.27	322655.28	0:00	0	0:00	0	0:00	0
296	Year-Round Residence	Non-Participating	326996.76	322700.81	0:00	0	0:00	0	0:00	0
297	Year-Round Residence	Non-Participating	327036.11	322748.56	0:00	0	0:00	0	0:00	0
298	Year-Round Residence	Non-Participating	327035.61	322730.62	0:00	0	0:00	0	0:00	0
299	Year-Round Residence	Non-Participating	327000.50	322800.86	0:00	0	0:00	0	0:00	0
300	Year-Round Residence	Non-Participating	326998.44	322835.24	0:00	0	0:00	0	0:00	0
301	Year-Round Residence	Non-Participating	327005.40	322897.63	0:00	0	0:00	0	0:00	0
302	Year-Round Residence	Non-Participating	327001.16	322943.95	0:00	0	0:00	0	0:00	0
303	Year-Round Residence	Non-Participating	326998.03	322995.17	0:00	0	0:00	0	0:00	0
304	Year-Round Residence	Non-Participating	327057.28	322984.81	0:00	0	0:00	0	0:00	0
305	Year-Round Residence	Non-Participating	327063.23	323118.10	0:00	0	0:00	0	0:00	0
306	Year-Round Residence	Non-Participating	327084.97	322277.60	0:00	0	0:00	0	0:00	0
307	Year-Round Residence	Non-Participating	327101.06	322276.03	0:00	0	0:00	0	0:00	0
308	Year-Round Residence	Non-Participating	327092.26	322255.75	0:00	0	0:00	0	0:00	0
309	Year-Round Residence	Non-Participating	327118.07	322271.47	0:00	0	0:00	0	0:00	0
310	Year-Round Residence	Non-Participating	327107.75	322199.90	0:00	0	0:00	0	0:00	0
311	Year-Round Residence	Non-Participating	327113.54	322169.88	0:00	0	0:00	0	0:00	0
312	Year-Round Residence	Non-Participating	327123.78	322147.08	0:00	0	0:00	0	0:00	0
313	Year-Round Residence	Non-Participating	327125.02	322122.95	0:00	0	0:00	0	0:00	0
314	Year-Round Residence	Non-Participating	327158.31	322084.68	0:00	0	0:00	0	0:00	0
315	Year-Round Residence	Non-Participating	327160.79	322017.54	0:00	0	0:00	0	0:00	0
316	Year-Round Residence	Non-Participating	327165.20	321991.53	0:00	0	0:00	0	0:00	0
317	Year-Round Residence	Non-Participating	327185.01	321918.60	0:00	0	0:00	0	0:00	0
318	Year-Round Residence	Non-Participating	327132.91	322274.37	0:00	0	0:00	0	0:00	0
319	Year-Round Residence	Non-Participating	327162.34	322271.36	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
320	Year-Round Residence	Non-Participating	327114.11	322352.00	0:00	0	0:00	0	0:00	0
321	Year-Round Residence	Non-Participating	327132.91	322345.07	0:00	0	0:00	0	0:00	0
322	Year-Round Residence	Non-Participating	327148.05	322342.39	0:00	0	0:00	0	0:00	0
323	Year-Round Residence	Non-Participating	327168.67	322343.92	0:00	0	0:00	0	0:00	0
324	Year-Round Residence	Non-Participating	327202.22	322336.59	0:00	0	0:00	0	0:00	0
325	Year-Round Residence	Non-Participating	327319.35	322328.27	0:00	0	0:00	0	0:00	0
326	Year-Round Residence	Non-Participating	327273.31	322243.51	0:00	0	0:00	0	0:00	0
327	Year-Round Residence	Non-Participating	327224.69	322185.11	0:00	0	0:00	0	0:00	0
328	Year-Round Residence	Non-Participating	327289.47	322184.90	0:00	0	0:00	0	0:00	0
329	Year-Round Residence	Non-Participating	327295.13	322148.05	0:00	0	0:00	0	0:00	0
330	Year-Round Residence	Non-Participating	327247.53	322107.59	0:00	0	0:00	0	0:00	0
331	Year-Round Residence	Non-Participating	327297.36	322088.44	0:00	0	0:00	0	0:00	0
332	Year-Round Residence	Non-Participating	327247.87	322075.51	0:00	0	0:00	0	0:00	0
333	Year-Round Residence	Non-Participating	327295.30	322051.27	0:00	0	0:00	0	0:00	0
334	Year-Round Residence	Non-Participating	327246.89	322042.21	0:00	0	0:00	0	0:00	0
335	Year-Round Residence	Non-Participating	327239.89	321980.71	0:00	0	0:00	0	0:00	0
336	Year-Round Residence	Non-Participating	327294.91	322020.27	0:00	0	0:00	0	0:00	0
337	Year-Round Residence	Non-Participating	327295.96	321998.04	0:00	0	0:00	0	0:00	0
338	Year-Round Residence	Non-Participating	327317.86	322402.15	0:00	0	0:00	0	0:00	0
339	Year-Round Residence	Non-Participating	327355.37	322379.77	0:00	0	0:00	0	0:00	0
340	Year-Round Residence	Non-Participating	327387.67	322332.34	0:00	0	0:00	0	0:00	0
341	Year-Round Residence	Non-Participating	327436.74	322398.18	0:00	0	0:00	0	0:00	0
342	Year-Round Residence	Non-Participating	327487.04	322406.38	0:00	0	0:00	0	0:00	0
343	Year-Round Residence	Non-Participating	327439.61	322343.42	0:00	0	0:00	0	0:00	0
344	Year-Round Residence	Non-Participating	327578.97	322416.61	0:00	0	0:00	0	0:00	0
345	Year-Round Residence	Non-Participating	327671.56	322409.46	0:00	0	0:00	0	0:00	0
346	Year-Round Residence	Non-Participating	327708.66	322385.94	0:00	0	0:00	0	0:00	0
347	Year-Round Residence	Non-Participating	327737.69	322342.00	0:00	0	0:00	0	0:00	0
348	Year-Round Residence	Non-Participating	327518.29	322232.30	0:00	0	0:00	0	0:00	0
349	Year-Round Residence	Non-Participating	327593.63	322175.43	0:00	0	0:00	0	0:00	0
350	Year-Round Residence	Non-Participating	327774.36	322239.03	0:00	0	0:00	0	0:00	0
351	Year-Round Residence	Non-Participating	327864.16	322252.21	0:00	0	0:00	0	0:00	0
352	Year-Round Residence	Non-Participating	327826.81	322403.84	0:00	0	0:00	0	0:00	0
353	Year-Round Residence	Non-Participating	327746.85	322493.71	0:00	0	0:00	0	0:00	0
354	Year-Round Residence	Non-Participating	327758.44	322544.07	0:00	0	0:00	0	0:00	0
355	Year-Round Residence	Non-Participating	327784.93	322350.08	0:00	0	0:00	0	0:00	0
356	Year-Round Residence	Non-Participating	327875.00	322466.16	0:00	0	0:00	0	0:00	0
357	Year-Round Residence	Non-Participating	327741.07	322620.50	0:00	0	0:00	0	0:00	0
358	Year-Round Residence	Non-Participating	328115.21	322400.23	0:00	0	0:00	0	0:00	0
359	Year-Round Residence	Non-Participating	328080.29	322374.43	0:00	0	0:00	0	0:00	0
360	Year-Round Residence	Non-Participating	328167.59	322441.83	0:00	0	0:00	0	0:00	0
361	Year-Round Residence	Non-Participating	328245.38	322456.12	0:00	0	0:00	0	0:00	0
362	Year-Round Residence	Non-Participating	328243.96	322366.18	0:00	0	0:00	0	0:00	0
363	Year-Round Residence	Non-Participating	328505.63	322591.87	0:00	0	0:00	0	0:00	0
364	Year-Round Residence	Non-Participating	328604.56	322462.73	0:00	0	0:00	0	0:00	0
365	Year-Round Residence	Non-Participating	328657.15	322615.95	0:00	0	0:00	0	0:00	0
366	Year-Round Residence	Non-Participating	328591.63	322598.68	0:00	0	0:00	0	0:00	0
367	Year-Round Residence	Non-Participating	328730.35	322476.93	0:00	0	0:00	0	0:00	0
368	Year-Round Residence	Non-Participating	328765.82	322449.94	0:00	0	0:00	0	0:00	0
369	Year-Round Residence	Non-Participating	328804.74	322411.32	0:00	0	0:00	0	0:00	0
370	Year-Round Residence	Non-Participating	329071.43	322221.22	0:00	0	0:00	0	0:00	0
371	Year-Round Residence	Non-Participating	329113.31	322215.70	0:00	0	0:00	0	0:00	0
372	Year-Round Residence	Non-Participating	329262.00	322182.15	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
373	Year-Round Residence	Non-Participating	329215.75	322259.64	0:00	0	0:00	0	0:00	0
374	Year-Round Residence	Non-Participating	329242.99	322252.10	0:00	0	0:00	0	0:00	0
375	Year-Round Residence	Non-Participating	329546.99	322190.42	0:00	0	0:00	0	0:00	0
376	Year-Round Residence	Non-Participating	329633.74	322049.85	0:00	0	0:00	0	0:00	0
377	Year-Round Residence	Non-Participating	329680.48	322018.00	0:00	0	0:00	0	0:00	0
378	Year-Round Residence	Non-Participating	329887.83	321957.02	0:00	0	0:00	0	0:00	0
379	Year-Round Residence	Non-Participating	329943.11	321669.34	0:00	0	0:00	0	0:00	0
380	Year-Round Residence	Non-Participating	329902.24	321543.82	0:00	0	0:00	0	0:00	0
381	Year-Round Residence	Non-Participating	329960.18	321479.68	0:00	0	0:00	0	0:00	0
382	Year-Round Residence	Non-Participating	330037.86	321542.29	0:00	0	0:00	0	0:00	0
383	Year-Round Residence	Non-Participating	328668.88	320701.85	0:00	0	0:00	0	0:00	0
384	Year-Round Residence	Non-Participating	325747.82	322512.27	0:00	0	0:00	0	0:00	0
385	Year-Round Residence	Non-Participating	325691.36	322432.79	0:00	0	0:00	0	0:00	0
386	Year-Round Residence	Non-Participating	325362.64	322473.94	0:00	0	0:00	0	0:00	0
387	Year-Round Residence	Non-Participating	325260.28	322501.80	0:00	0	0:00	0	0:00	0
388	Year-Round Residence	Non-Participating	325202.18	322562.82	0:00	0	0:00	0	0:00	0
389	Year-Round Residence	Non-Participating	325221.35	322646.99	0:00	0	0:00	0	0:00	0
390	Year-Round Residence	Non-Participating	325131.89	322598.09	0:00	0	0:00	0	0:00	0
391	Year-Round Residence	Non-Participating	325085.68	322631.06	0:00	0	0:00	0	0:00	0
392	Year-Round Residence	Non-Participating	325035.21	322647.49	0:00	0	0:00	0	0:00	0
393	Year-Round Residence	Non-Participating	324888.97	322796.77	0:00	0	0:00	0	0:00	0
394	Year-Round Residence	Non-Participating	324602.97	323042.45	3:44	224	0:00	0	3:44	224
395	Year-Round Residence	Non-Participating	324475.83	322913.65	0:00	0	0:00	0	0:00	0
396	Year-Round Residence	Non-Participating	324407.34	322935.86	0:00	0	0:00	0	0:00	0
397	Year-Round Residence	Non-Participating	324446.86	322724.30	0:00	0	0:00	0	0:00	0
398	Year-Round Residence	Non-Participating	324572.41	322733.08	0:00	0	0:00	0	0:00	0
399	Year-Round Residence	Non-Participating	324536.65	322669.04	0:00	0	0:00	0	0:00	0
400	Year-Round Residence	Non-Participating	324387.22	322517.43	0:00	0	0:00	0	0:00	0
401	Year-Round Residence	Non-Participating	324427.60	322410.56	0:00	0	0:00	0	0:00	0
402	Year-Round Residence	Non-Participating	324386.26	322459.87	0:00	0	0:00	0	0:00	0
403	Year-Round Residence	Non-Participating	324348.99	322205.28	0:00	0	0:00	0	0:00	0
404	Year-Round Residence	Non-Participating	324459.52	322181.24	0:00	0	0:00	0	0:00	0
405	Year-Round Residence	Non-Participating	324372.32	321726.74	0:00	0	0:00	0	0:00	0
406	Year-Round Residence	Non-Participating	324464.71	321669.41	0:00	0	0:00	0	0:00	0
407	Year-Round Residence	Non-Participating	324450.11	321630.16	0:00	0	0:00	0	0:00	0
408	Year-Round Residence	Non-Participating	324352.67	321602.86	0:00	0	0:00	0	0:00	0
409	Year-Round Residence	Non-Participating	324306.07	321611.73	0:00	0	0:00	0	0:00	0
410	Year-Round Residence	Non-Participating	324361.75	321305.73	0:00	0	0:00	0	0:00	0
411	Year-Round Residence	Non-Participating	324279.94	321352.65	0:00	0	0:00	0	0:00	0
413	Year-Round Residence	Non-Participating	323942.85	321399.04	0:00	0	0:00	0	0:00	0
414	Year-Round Residence	Non-Participating	324501.52	321125.51	0:00	0	0:00	0	0:00	0
415	Year-Round Residence	Non-Participating	324752.92	320946.95	0:00	0	0:00	0	0:00	0
416	Year-Round Residence	Non-Participating	324684.12	320689.00	0:00	0	0:00	0	0:00	0
417	Year-Round Residence	Non-Participating	324760.65	320664.49	0:00	0	0:00	0	0:00	0
418	Year-Round Residence	Non-Participating	324945.95	321020.41	0:00	0	0:00	0	0:00	0
419	Year-Round Residence	Non-Participating	325245.51	321354.16	0:00	0	0:00	0	0:00	0
420	Year-Round Residence	Non-Participating	325140.17	321415.46	0:00	0	0:00	0	0:00	0
421	Year-Round Residence	Non-Participating	325273.19	321558.66	0:00	0	0:00	0	0:00	0
422	Year-Round Residence	Non-Participating	325171.43	321725.60	0:00	0	0:00	0	0:00	0
423	Year-Round Residence	Non-Participating	325059.93	321691.52	0:00	0	0:00	0	0:00	0
424	Year-Round Residence	Non-Participating	324976.24	321671.63	0:00	0	0:00	0	0:00	0
425	Year-Round Residence	Non-Participating	324901.86	321672.93	0:00	0	0:00	0	0:00	0
426	Year-Round Residence	Non-Participating	324870.24	321730.51	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
427	Year-Round Residence	Non-Participating	324705.38	321796.47	0:00	0	0:00	0	0:00	0
428	Year-Round Residence	Non-Participating	325411.66	321661.95	0:00	0	0:00	0	0:00	0
429	Year-Round Residence	Non-Participating	325467.09	321646.17	0:00	0	0:00	0	0:00	0
430	Year-Round Residence	Non-Participating	325612.56	321530.12	0:00	0	0:00	0	0:00	0
431	Year-Round Residence	Non-Participating	325714.35	321444.97	0:00	0	0:00	0	0:00	0
432	Year-Round Residence	Non-Participating	324202.08	322439.62	0:00	0	0:00	0	0:00	0
433	Year-Round Residence	Non-Participating	324165.19	322499.02	0:00	0	0:00	0	0:00	0
434	Year-Round Residence	Non-Participating	324085.25	322502.38	0:00	0	0:00	0	0:00	0
435	Year-Round Residence	Non-Participating	324004.12	322420.23	0:00	0	0:00	0	0:00	0
436	Year-Round Residence	Non-Participating	324053.58	322673.73	0:00	0	0:00	0	0:00	0
437	Year-Round Residence	Non-Participating	323896.71	322619.92	0:00	0	0:00	0	0:00	0
438	Year-Round Residence	Non-Participating	323774.65	322524.35	0:00	0	0:00	0	0:00	0
439	Year-Round Residence	Non-Participating	323707.95	322516.51	0:00	0	0:00	0	0:00	0
440	Year-Round Residence	Non-Participating	323304.56	322386.97	0:00	0	0:00	0	0:00	0
441	Year-Round Residence	Non-Participating	323114.67	322510.49	0:00	0	0:00	0	0:00	0
442	Year-Round Residence	Non-Participating	323207.32	322624.29	0:00	0	0:00	0	0:00	0
443	Year-Round Residence	Non-Participating	324004.61	323147.13	0:00	0	0:00	0	0:00	0
444	Year-Round Residence	Non-Participating	324049.94	323026.37	0:00	0	0:00	0	0:00	0
445	Year-Round Residence	Non-Participating	323933.25	323033.44	0:00	0	0:00	0	0:00	0
446	Year-Round Residence	Non-Participating	323780.69	323004.00	0:00	0	0:00	0	0:00	0
447	Year-Round Residence	Non-Participating	323873.40	323154.64	0:00	0	0:00	0	0:00	0
448	Year-Round Residence	Non-Participating	323550.58	323099.41	0:00	0	0:00	0	0:00	0
449	Year-Round Residence	Non-Participating	323317.56	323288.56	0:00	0	0:00	0	0:00	0
452	Year-Round Residence	Non-Participating	322888.01	323483.97	0:00	0	0:00	0	0:00	0
453	Year-Round Residence	Non-Participating	322840.82	323525.82	19:33	1173	0:00	0	19:33	1173
454	Year-Round Residence	Non-Participating	322770.63	323572.25	37:47	2267	0:00	0	37:47	2267
455	Year-Round Residence	Non-Participating	322644.45	323527.32	29:08	1748	0:00	0	29:08	1748
456	Year-Round Residence	Non-Participating	329977.58	321900.83	0:00	0	0:00	0	0:00	0
457	Year-Round Residence	Non-Participating	329948.82	321900.18	0:00	0	0:00	0	0:00	0
458	Year-Round Residence	Non-Participating	329905.24	322409.79	0:00	0	0:00	0	0:00	0
459	Year-Round Residence	Non-Participating	329939.53	322642.37	0:00	0	0:00	0	0:00	0
460	Year-Round Residence	Non-Participating	329857.45	322954.04	0:00	0	0:00	0	0:00	0
461	Year-Round Residence	Non-Participating	329984.68	323336.66	0:00	0	0:00	0	0:00	0
463	Year-Round Residence	Non-Participating	329945.77	323417.71	0:00	0	0:00	0	0:00	0
464	Year-Round Residence	Non-Participating	330011.66	323421.52	0:00	0	0:00	0	0:00	0
465	Year-Round Residence	Non-Participating	330330.72	323227.03	0:00	0	0:00	0	0:00	0
466	Year-Round Residence	Non-Participating	330332.33	322871.69	0:00	0	0:00	0	0:00	0
467	Year-Round Residence	Non-Participating	330441.67	322861.44	0:00	0	0:00	0	0:00	0
468	Year-Round Residence	Non-Participating	330083.48	323608.56	0:00	0	0:00	0	0:00	0
469	Year-Round Residence	Non-Participating	330003.59	323684.98	0:00	0	0:00	0	0:00	0
470	Year-Round Residence	Non-Participating	330027.36	323878.58	0:00	0	0:00	0	0:00	0
471	Year-Round Residence	Non-Participating	330020.19	323990.33	0:00	0	0:00	0	0:00	0
472	Year-Round Residence	Non-Participating	330136.74	324043.02	0:00	0	0:00	0	0:00	0
473	Year-Round Residence	Non-Participating	329949.10	324269.09	0:00	0	0:00	0	0:00	0
474	Year-Round Residence	Non-Participating	330124.85	324574.71	0:00	0	0:00	0	0:00	0
475	Year-Round Residence	Non-Participating	330085.38	324828.88	0:00	0	0:00	0	0:00	0
476	Year-Round Residence	Non-Participating	330115.34	324892.78	0:00	0	0:00	0	0:00	0
477	Year-Round Residence	Non-Participating	330103.04	324933.39	0:00	0	0:00	0	0:00	0
478	Year-Round Residence	Non-Participating	330086.62	325001.42	0:00	0	0:00	0	0:00	0
479	Year-Round Residence	Non-Participating	330079.64	325047.71	0:00	0	0:00	0	0:00	0
480	Year-Round Residence	Non-Participating	329997.46	325045.73	0:00	0	0:00	0	0:00	0
482	Year-Round Residence	Non-Participating	330113.43	325099.39	0:00	0	0:00	0	0:00	0
483	Year-Round Residence	Non-Participating	330134.52	325086.91	0:00	0	0:00	0	0:00	0



Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
485	Year-Round Residence	Non-Participating	330018.53	325123.85	0:00	0	0:00	0	0:00	0
486	Year-Round Residence	Non-Participating	330018.26	325137.96	0:00	0	0:00	0	0:00	0
487	Year-Round Residence	Non-Participating	330059.68	325166.72	0:00	0	0:00	0	0:00	0
488	Year-Round Residence	Non-Participating	330013.69	325173.69	0:00	0	0:00	0	0:00	0
489	Year-Round Residence	Non-Participating	330008.05	325238.32	0:00	0	0:00	0	0:00	0
490	Year-Round Residence	Non-Participating	330049.72	325214.38	0:00	0	0:00	0	0:00	0
492	Year-Round Residence	Non-Participating	330026.74	325413.79	0:00	0	0:00	0	0:00	0
493	Year-Round Residence	Non-Participating	330099.09	325334.14	0:00	0	0:00	0	0:00	0
494	Year-Round Residence	Non-Participating	330129.64	325363.92	0:00	0	0:00	0	0:00	0
495	Year-Round Residence	Non-Participating	330088.31	325520.28	0:00	0	0:00	0	0:00	0
496	Year-Round Residence	Non-Participating	330133.94	325713.33	0:00	0	0:00	0	0:00	0
497	Year-Round Residence	Non-Participating	330131.85	325852.80	0:00	0	0:00	0	0:00	0
498	Year-Round Residence	Non-Participating	330634.49	326436.65	0:00	0	0:00	0	0:00	0
499	Year-Round Residence	Non-Participating	330209.52	325108.52	0:00	0	0:00	0	0:00	0
500	Year-Round Residence	Non-Participating	330550.59	325053.24	0:00	0	0:00	0	0:00	0
501	Year-Round Residence	Non-Participating	331113.94	325036.38	0:00	0	0:00	0	0:00	0
502	Year-Round Residence	Non-Participating	331081.03	325125.58	0:00	0	0:00	0	0:00	0
503	Year-Round Residence	Non-Participating	331043.77	324903.13	0:00	0	0:00	0	0:00	0
504	Year-Round Residence	Non-Participating	330005.17	323534.69	0:00	0	0:00	0	0:00	0
505	Year-Round Residence	Non-Participating	329868.36	323565.09	0:00	0	0:00	0	0:00	0
506	Year-Round Residence	Non-Participating	329347.94	323933.87	0:00	0	0:00	0	0:00	0
507	Year-Round Residence	Non-Participating	329261.79	324196.51	0:00	0	0:00	0	0:00	0
508	Year-Round Residence	Non-Participating	327288.39	323447.52	10:49	649	0:00	0	10:49	649
509	Year-Round Residence	Non-Participating	327335.06	323449.52	11:57	717	0:00	0	11:57	717
510	Year-Round Residence	Non-Participating	327391.76	323456.44	12:13	733	0:00	0	12:13	733
511	Year-Round Residence	Non-Participating	327576.50	323465.03	6:06	366	0:00	0	6:06	366
512	Year-Round Residence	Non-Participating	328047.11	323631.85	0:00	0	0:00	0	0:00	0
513	Year-Round Residence	Non-Participating	328120.53	323632.51	0:00	0	0:00	0	0:00	0
514	Year-Round Residence	Non-Participating	328089.58	323546.51	0:00	0	0:00	0	0:00	0
515	Year-Round Residence	Non-Participating	328484.82	323537.93	0:00	0	0:00	0	0:00	0
516	Year-Round Residence	Non-Participating	328672.21	323635.95	8:17	497	0:00	0	8:17	497
517	Year-Round Residence	Non-Participating	328845.65	323707.96	0:00	0	0:00	0	0:00	0
518	Year-Round Residence	Non-Participating	329095.79	323724.23	0:00	0	0:00	0	0:00	0
519	Year-Round Residence	Non-Participating	329151.41	324162.39	0:00	0	0:00	0	0:00	0
520	Year-Round Residence	Non-Participating	329226.49	324277.09	0:00	0	0:00	0	0:00	0
521	Year-Round Residence	Non-Participating	329479.82	324404.19	0:00	0	0:00	0	0:00	0
522	Year-Round Residence	Non-Participating	329505.25	324598.68	0:00	0	0:00	0	0:00	0
523	Year-Round Residence	Non-Participating	329552.43	324699.69	0:00	0	0:00	0	0:00	0
524	Year-Round Residence	Non-Participating	329811.75	325017.99	0:00	0	0:00	0	0:00	0
526	Year-Round Residence	Non-Participating	328948.12	324656.34	0:00	0	0:00	0	0:00	0
527	Year-Round Residence	Non-Participating	328542.55	324881.84	9:48	588	0:00	0	9:48	588
528	Year-Round Residence	Non-Participating	328724.14	324956.55	6:48	408	0:00	0	6:48	408
529	Year-Round Residence	Non-Participating	328534.45	324976.61	8:59	539	0:00	0	8:59	539
530	Year-Round Residence	Non-Participating	328333.33	325321.72	7:52	472	0:00	0	7:52	472
531	Year-Round Residence	Non-Participating	328415.82	325312.78	8:05	485	0:00	0	8:05	485
532	Year-Round Residence	Non-Participating	328667.48	325315.61	3:32	212	0:00	0	3:32	212
533	Year-Round Residence	Non-Participating	329056.75	325208.36	0:00	0	0:00	0	0:00	0
534	Year-Round Residence	Non-Participating	329104.31	325224.48	0:00	0	0:00	0	0:00	0
535	Year-Round Residence	Non-Participating	329171.23	325228.41	0:00	0	0:00	0	0:00	0
536	Year-Round Residence	Non-Participating	329416.20	325057.07	0:00	0	0:00	0	0:00	0
537	Year-Round Residence	Non-Participating	327087.71	323490.62	3:48	228	0:00	0	3:48	228
538	Year-Round Residence	Non-Participating	326996.77	323448.82	0:00	0	0:00	0	0:00	0
539	Year-Round Residence	Non-Participating	327028.98	323617.64	16:01	961	0:00	0	16:01	961

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
540	Year-Round Residence	Non-Participating	327012.42	323661.50	19:46	1186	0:00	0	19:46	1186
541	Year-Round Residence	Non-Participating	326962.47	323754.45	23:36	1416	0:00	0	23:36	1416
542	Year-Round Residence	Non-Participating	326946.82	323784.39	22:15	1335	0:00	0	22:15	1335
543	Year-Round Residence	Non-Participating	326931.48	323842.78	16:55	1015	0:00	0	16:55	1015
552	Year-Round Residence	Non-Participating	326755.39	325346.80	20:15	1215	0:00	0	20:15	1215
553	Year-Round Residence	Non-Participating	327187.08	325373.13	31:52	1912	0:00	0	31:52	1912
554	Year-Round Residence	Non-Participating	327684.86	325423.87	16:10	970	0:00	0	16:10	970
555	Year-Round Residence	Non-Participating	327986.87	325353.51	12:09	729	0:00	0	12:09	729
556	Year-Round Residence	Non-Participating	328153.86	325350.10	8:34	514	0:00	0	8:34	514
557	Year-Round Residence	Non-Participating	328156.33	325593.76	8:49	529	0:00	0	8:49	529
558	Year-Round Residence	Non-Participating	327981.66	325844.33	0:00	0	0:00	0	0:00	0
559	Year-Round Residence	Non-Participating	328020.08	326073.13	0:00	0	0:00	0	0:00	0
560	Year-Round Residence	Non-Participating	327572.80	326269.47	0:00	0	0:00	0	0:00	0
561	Year-Round Residence	Non-Participating	327421.78	326374.56	0:00	0	0:00	0	0:00	0
562	Year-Round Residence	Non-Participating	327466.54	326447.32	0:00	0	0:00	0	0:00	0
563	Year-Round Residence	Non-Participating	327098.61	326609.78	0:00	0	0:00	0	0:00	0
564	Year-Round Residence	Non-Participating	327018.60	326644.87	0:00	0	0:00	0	0:00	0
565	Year-Round Residence	Non-Participating	327038.44	326770.60	0:00	0	0:00	0	0:00	0
566	Year-Round Residence	Non-Participating	326830.62	326745.87	0:00	0	0:00	0	0:00	0
567	Year-Round Residence	Non-Participating	326755.68	326841.46	0:00	0	0:00	0	0:00	0
568	Year-Round Residence	Non-Participating	326594.75	326866.98	0:00	0	0:00	0	0:00	0
569	Year-Round Residence	Non-Participating	326506.05	326868.43	0:00	0	0:00	0	0:00	0
570	Year-Round Residence	Non-Participating	326639.50	326964.12	0:00	0	0:00	0	0:00	0
571	Year-Round Residence	Non-Participating	326564.98	327009.89	0:00	0	0:00	0	0:00	0
572	Year-Round Residence	Non-Participating	326701.57	327022.18	0:00	0	0:00	0	0:00	0
573	Year-Round Residence	Non-Participating	326607.05	327077.44	0:00	0	0:00	0	0:00	0
574	Year-Round Residence	Non-Participating	326739.57	327093.25	0:00	0	0:00	0	0:00	0
575	Year-Round Residence	Non-Participating	326855.73	327172.07	0:00	0	0:00	0	0:00	0
576	Year-Round Residence	Non-Participating	326659.48	327221.49	0:00	0	0:00	0	0:00	0
577	Year-Round Residence	Non-Participating	326775.48	327244.34	0:00	0	0:00	0	0:00	0
578	Year-Round Residence	Non-Participating	326695.98	327292.67	0:00	0	0:00	0	0:00	0
579	Year-Round Residence	Non-Participating	326792.03	327297.26	0:00	0	0:00	0	0:00	0
580	Year-Round Residence	Non-Participating	326896.33	327387.16	0:00	0	0:00	0	0:00	0
581	Year-Round Residence	Non-Participating	326908.21	327453.02	0:00	0	0:00	0	0:00	0
582	Year-Round Residence	Non-Participating	328464.84	322714.81	0:00	0	0:00	0	0:00	0
583	Year-Round Residence	Non-Participating	328548.86	322814.99	0:00	0	0:00	0	0:00	0
584	Year-Round Residence	Non-Participating	328501.26	322867.24	0:00	0	0:00	0	0:00	0
585	Year-Round Residence	Non-Participating	328475.00	323052.29	0:00	0	0:00	0	0:00	0
586	Year-Round Residence	Non-Participating	330070.41	326271.36	0:00	0	0:00	0	0:00	0
587	Year-Round Residence	Non-Participating	329980.77	326335.86	0:00	0	0:00	0	0:00	0
588	Year-Round Residence	Non-Participating	329865.75	326348.73	0:00	0	0:00	0	0:00	0
590	Year-Round Residence	Non-Participating	329909.52	326586.66	0:00	0	0:00	0	0:00	0
591	Year-Round Residence	Non-Participating	329674.57	326862.50	0:00	0	0:00	0	0:00	0
592	Year-Round Residence	Non-Participating	329741.46	327247.66	0:00	0	0:00	0	0:00	0
593	Year-Round Residence	Non-Participating	329667.33	327452.83	0:00	0	0:00	0	0:00	0
594	Year-Round Residence	Non-Participating	329786.61	327570.30	0:00	0	0:00	0	0:00	0
595	Year-Round Residence	Non-Participating	329659.26	327523.82	0:00	0	0:00	0	0:00	0
596	Year-Round Residence	Non-Participating	329665.46	327778.01	0:00	0	0:00	0	0:00	0
597	Year-Round Residence	Non-Participating	329876.60	327713.09	0:00	0	0:00	0	0:00	0
598	Year-Round Residence	Non-Participating	329690.66	326380.12	0:00	0	0:00	0	0:00	0
599	Year-Round Residence	Non-Participating	329493.20	326408.86	0:00	0	0:00	0	0:00	0
600	Year-Round Residence	Non-Participating	329088.24	326818.38	0:00	0	0:00	0	0:00	0
601	Year-Round Residence	Non-Participating	328838.10	327314.44	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
603	Year-Round Residence	Non-Participating	328540.83	327937.99	0:00	0	0:00	0	0:00	0
604	Year-Round Residence	Non-Participating	328548.14	328125.00	0:00	0	0:00	0	0:00	0
605	Year-Round Residence	Non-Participating	328511.74	328266.48	0:00	0	0:00	0	0:00	0
606	Year-Round Residence	Non-Participating	328475.05	328349.28	0:00	0	0:00	0	0:00	0
607	Year-Round Residence	Non-Participating	328476.55	328401.65	0:00	0	0:00	0	0:00	0
608	Year-Round Residence	Non-Participating	328381.01	328457.39	0:00	0	0:00	0	0:00	0
609	Year-Round Residence	Non-Participating	327895.13	327465.04	0:00	0	0:00	0	0:00	0
610	Year-Round Residence	Non-Participating	327415.20	327653.33	0:00	0	0:00	0	0:00	0
611	Year-Round Residence	Non-Participating	327588.98	327484.75	0:00	0	0:00	0	0:00	0
612	Year-Round Residence	Non-Participating	327835.02	327094.72	0:00	0	0:00	0	0:00	0
613	Year-Round Residence	Non-Participating	327781.47	327118.13	0:00	0	0:00	0	0:00	0
614	Year-Round Residence	Non-Participating	327762.70	327142.24	0:00	0	0:00	0	0:00	0
615	Year-Round Residence	Non-Participating	327678.01	326917.60	0:00	0	0:00	0	0:00	0
616	Year-Round Residence	Non-Participating	327470.70	326839.66	0:00	0	0:00	0	0:00	0
617	Year-Round Residence	Non-Participating	326708.71	325510.49	16:54	1014	0:00	0	16:54	1014
618	Year-Round Residence	Non-Participating	326712.96	325555.38	17:14	1034	0:00	0	17:14	1034
619	Year-Round Residence	Non-Participating	326695.20	325726.06	13:10	790	0:00	0	13:10	790
621	Year-Round Residence	Non-Participating	326701.99	326079.42	0:00	0	0:00	0	0:00	0
622	Year-Round Residence	Non-Participating	326602.66	326054.42	0:00	0	0:00	0	0:00	0
623	Year-Round Residence	Non-Participating	326586.41	326168.23	0:00	0	0:00	0	0:00	0
624	Year-Round Residence	Non-Participating	326584.79	326238.63	0:00	0	0:00	0	0:00	0
625	Year-Round Residence	Non-Participating	326411.39	326280.73	0:00	0	0:00	0	0:00	0
626	Year-Round Residence	Non-Participating	326477.82	326395.59	0:00	0	0:00	0	0:00	0
627	Year-Round Residence	Non-Participating	326441.62	326451.40	0:00	0	0:00	0	0:00	0
628	Year-Round Residence	Non-Participating	326401.74	326599.84	0:00	0	0:00	0	0:00	0
629	Year-Round Residence	Non-Participating	326481.82	326785.91	0:00	0	0:00	0	0:00	0
630	Year-Round Residence	Non-Participating	326414.92	326914.05	0:00	0	0:00	0	0:00	0
631	Year-Round Residence	Non-Participating	326326.64	326919.04	0:00	0	0:00	0	0:00	0
632	Year-Round Residence	Non-Participating	326246.96	326933.13	0:00	0	0:00	0	0:00	0
633	Year-Round Residence	Non-Participating	326142.75	326931.26	0:00	0	0:00	0	0:00	0
634	Year-Round Residence	Non-Participating	325950.33	326982.90	0:00	0	0:00	0	0:00	0
635	Year-Round Residence	Non-Participating	325740.63	327009.10	0:00	0	0:00	0	0:00	0
636	Year-Round Residence	Non-Participating	325672.13	327507.94	0:00	0	0:00	0	0:00	0
637	Year-Round Residence	Non-Participating	325700.00	327630.91	0:00	0	0:00	0	0:00	0
638	Year-Round Residence	Non-Participating	325672.34	328040.57	0:00	0	0:00	0	0:00	0
639	Year-Round Residence	Non-Participating	325746.08	328063.11	0:00	0	0:00	0	0:00	0
640	Year-Round Residence	Non-Participating	325691.72	328124.28	0:00	0	0:00	0	0:00	0
641	Year-Round Residence	Non-Participating	325711.11	328221.86	0:00	0	0:00	0	0:00	0
642	Year-Round Residence	Non-Participating	325744.19	328336.83	0:00	0	0:00	0	0:00	0
643	Year-Round Residence	Non-Participating	325674.29	328375.31	0:00	0	0:00	0	0:00	0
644	Year-Round Residence	Non-Participating	326012.20	328401.63	0:00	0	0:00	0	0:00	0
645	Year-Round Residence	Non-Participating	326152.27	328506.18	0:00	0	0:00	0	0:00	0
646	Year-Round Residence	Non-Participating	326113.01	328409.67	0:00	0	0:00	0	0:00	0
647	Year-Round Residence	Non-Participating	326212.02	328424.82	0:00	0	0:00	0	0:00	0
648	Year-Round Residence	Non-Participating	326318.65	328501.06	0:00	0	0:00	0	0:00	0
649	Year-Round Residence	Non-Participating	326410.82	328582.70	0:00	0	0:00	0	0:00	0
650	Year-Round Residence	Non-Participating	326493.76	328550.96	0:00	0	0:00	0	0:00	0
651	Year-Round Residence	Non-Participating	326851.80	328497.00	0:00	0	0:00	0	0:00	0
652	Year-Round Residence	Non-Participating	326613.69	328392.95	0:00	0	0:00	0	0:00	0
653	Year-Round Residence	Non-Participating	326572.88	325697.83	17:10	1030	0:00	0	17:10	1030
654	Year-Round Residence	Non-Participating	326496.07	325713.02	15:58	958	0:00	0	15:58	958
655	Year-Round Residence	Non-Participating	326404.00	325722.64	12:25	745	0:00	0	12:25	745
656	Year-Round Residence	Non-Participating	326367.51	325624.10	16:36	996	0:00	0	16:36	996

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
657	Year-Round Residence	Non-Participating	326332.81	325715.92	9:00	540	0:00	0	9:00	540
658	Year-Round Residence	Non-Participating	326307.12	325606.54	15:56	956	0:00	0	15:56	956
659	Year-Round Residence	Non-Participating	326269.00	325693.83	7:04	424	0:00	0	7:04	424
660	Year-Round Residence	Non-Participating	326224.58	325615.64	11:42	702	0:00	0	11:42	702
661	Year-Round Residence	Non-Participating	326198.44	325709.84	2:33	153	0:00	0	2:33	153
662	Year-Round Residence	Non-Participating	325969.48	325710.06	0:00	0	0:00	0	0:00	0
663	Year-Round Residence	Non-Participating	325700.57	326014.11	0:00	0	0:00	0	0:00	0
664	Year-Round Residence	Non-Participating	325743.82	326057.97	0:00	0	0:00	0	0:00	0
665	Year-Round Residence	Non-Participating	325751.65	326129.23	0:00	0	0:00	0	0:00	0
666	Year-Round Residence	Non-Participating	325754.69	326203.32	0:00	0	0:00	0	0:00	0
667	Year-Round Residence	Non-Participating	325736.82	326261.21	0:00	0	0:00	0	0:00	0
668	Year-Round Residence	Non-Participating	325744.91	326331.06	0:00	0	0:00	0	0:00	0
669	Year-Round Residence	Non-Participating	325747.75	326429.03	0:00	0	0:00	0	0:00	0
670	Year-Round Residence	Non-Participating	325750.08	326486.12	0:00	0	0:00	0	0:00	0
671	Year-Round Residence	Non-Participating	325854.60	326663.33	0:00	0	0:00	0	0:00	0
672	Year-Round Residence	Non-Participating	325425.65	326994.85	0:00	0	0:00	0	0:00	0
673	Year-Round Residence	Non-Participating	325104.03	327882.84	0:00	0	0:00	0	0:00	0
674	Year-Round Residence	Non-Participating	325016.17	327892.05	0:00	0	0:00	0	0:00	0
675	Year-Round Residence	Non-Participating	324942.80	328055.65	0:00	0	0:00	0	0:00	0
676	Year-Round Residence	Non-Participating	324115.74	328036.99	0:00	0	0:00	0	0:00	0
677	Year-Round Residence	Non-Participating	324313.27	327911.51	0:00	0	0:00	0	0:00	0
678	Year-Round Residence	Non-Participating	324383.65	327571.59	4:35	275	0:00	0	4:35	275
679	Year-Round Residence	Non-Participating	324665.78	327336.01	2:29	149	0:00	0	2:29	149
681	Year-Round Residence	Non-Participating	325155.76	326738.40	0:00	0	0:00	0	0:00	0
682	Year-Round Residence	Non-Participating	325269.53	325663.08	9:38	578	0:00	0	9:38	578
683	Year-Round Residence	Non-Participating	325279.20	325628.61	11:03	663	0:00	0	11:03	663
684	Year-Round Residence	Non-Participating	325296.66	325606.08	12:29	749	0:00	0	12:29	749
685	Year-Round Residence	Non-Participating	325319.64	325594.68	13:21	801	0:00	0	13:21	801
687	Year-Round Residence	Non-Participating	323607.51	327541.12	0:00	0	0:00	0	0:00	0
688	Year-Round Residence	Non-Participating	323634.85	327473.47	0:00	0	0:00	0	0:00	0
689	Year-Round Residence	Non-Participating	323667.47	327422.53	0:00	0	0:00	0	0:00	0
690	Year-Round Residence	Non-Participating	323743.37	327378.89	1:39	99	0:00	0	1:39	99
691	Year-Round Residence	Non-Participating	323948.14	326728.54	17:50	1070	0:00	0	17:50	1070
692	Year-Round Residence	Non-Participating	323917.32	326574.41	34:48	2088	0:00	0	34:48	2088
693	Year-Round Residence	Non-Participating	323939.22	326503.06	27:39	1659	0:00	0	27:39	1659
694	Year-Round Residence	Non-Participating	324022.63	326186.20	0:00	0	0:00	0	0:00	0
696	Year-Round Residence	Non-Participating	324194.77	325741.25	0:00	0	0:00	0	0:00	0
697	Year-Round Residence	Non-Participating	324282.81	325570.53	4:25	265	0:00	0	4:25	265
698	Year-Round Residence	Non-Participating	324363.05	325478.61	12:52	772	0:00	0	12:52	772
699	Year-Round Residence	Non-Participating	324594.92	324913.88	47:34	2854	0:00	0	47:34	2854
700	Year-Round Residence	Non-Participating	324831.93	324371.68	36:19	2179	0:00	0	36:19	2179
701	Year-Round Residence	Non-Participating	324991.93	323830.97	5:14	314	0:00	0	5:14	314
703	Year-Round Residence	Non-Participating	322846.05	326170.30	24:07	1447	0:00	0	24:07	1447
704	Year-Round Residence	Non-Participating	322857.95	326139.50	21:28	1288	0:00	0	21:28	1288
705	Year-Round Residence	Non-Participating	323158.90	325496.31	6:53	413	0:00	0	6:53	413
706	Year-Round Residence	Non-Participating	323320.03	324905.64	27:31	1651	0:00	0	27:31	1651
708	Year-Round Residence	Non-Participating	323690.28	324591.21	27:47	1667	0:00	0	27:47	1667
709	Year-Round Residence	Non-Participating	323599.59	324540.28	22:09	1329	0:00	0	22:09	1329
710	Year-Round Residence	Non-Participating	324371.67	323917.57	4:47	287	0:00	0	4:47	287
711	Year-Round Residence	Non-Participating	322599.52	325185.83	10:48	648	0:00	0	10:48	648
713	Year-Round Residence	Non-Participating	323281.10	323143.80	0:00	0	0:00	0	0:00	0
714	Seasonal Residence	Non-Participating	325745.16	321821.92	0:00	0	0:00	0	0:00	0
715	Seasonal Residence	Non-Participating	326701.27	325635.06	15:05	905	0:00	0	15:05	905

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
716	Seasonal Residence	Non-Participating	325343.12	327976.48	0:00	0	0:00	0	0:00	0
717	Seasonal Residence	Non-Participating	325366.04	327983.59	0:00	0	0:00	0	0:00	0
718	Seasonal Residence	Non-Participating	325345.23	327936.13	0:00	0	0:00	0	0:00	0
719	Seasonal Residence	Non-Participating	325377.89	327944.19	0:00	0	0:00	0	0:00	0
720	Seasonal Residence	Non-Participating	325400.21	327958.17	0:00	0	0:00	0	0:00	0
721	Seasonal Residence	Non-Participating	325356.06	327914.30	0:00	0	0:00	0	0:00	0
722	Seasonal Residence	Non-Participating	325371.98	327892.02	0:00	0	0:00	0	0:00	0
723	Seasonal Residence	Non-Participating	325400.05	327932.38	0:00	0	0:00	0	0:00	0
724	Seasonal Residence	Non-Participating	325402.60	327910.25	0:00	0	0:00	0	0:00	0
725	Seasonal Residence	Non-Participating	325418.02	327904.20	0:00	0	0:00	0	0:00	0
726	Seasonal Residence	Non-Participating	325409.08	327888.46	0:00	0	0:00	0	0:00	0
727	Seasonal Residence	Non-Participating	325419.54	327876.89	0:00	0	0:00	0	0:00	0
728	Seasonal Residence	Non-Participating	325413.45	328009.73	0:00	0	0:00	0	0:00	0
729	Seasonal Residence	Non-Participating	325393.45	327973.71	0:00	0	0:00	0	0:00	0
730	Seasonal Residence	Non-Participating	325454.06	328015.84	0:00	0	0:00	0	0:00	0
731	Seasonal Residence	Non-Participating	325480.37	328044.51	0:00	0	0:00	0	0:00	0
732	Seasonal Residence	Non-Participating	325490.48	328033.29	0:00	0	0:00	0	0:00	0
733	Seasonal Residence	Non-Participating	325471.95	328003.69	0:00	0	0:00	0	0:00	0
734	Seasonal Residence	Non-Participating	325483.03	327995.61	0:00	0	0:00	0	0:00	0
735	Seasonal Residence	Non-Participating	325547.38	328013.83	0:00	0	0:00	0	0:00	0
736	Seasonal Residence	Non-Participating	325563.23	328024.46	0:00	0	0:00	0	0:00	0
737	Seasonal Residence	Non-Participating	325516.86	328018.94	0:00	0	0:00	0	0:00	0
738	Seasonal Residence	Non-Participating	325514.02	328002.52	0:00	0	0:00	0	0:00	0
739	Seasonal Residence	Non-Participating	325531.43	327979.98	0:00	0	0:00	0	0:00	0
740	Seasonal Residence	Non-Participating	325629.78	328003.20	0:00	0	0:00	0	0:00	0
741	Seasonal Residence	Non-Participating	325543.56	327921.70	0:00	0	0:00	0	0:00	0
742	Seasonal Residence	Non-Participating	325596.85	327929.07	0:00	0	0:00	0	0:00	0
743	Seasonal Residence	Non-Participating	325583.77	327965.54	0:00	0	0:00	0	0:00	0
744	Seasonal Residence	Non-Participating	325602.10	327960.98	0:00	0	0:00	0	0:00	0
745	Seasonal Residence	Non-Participating	325561.30	327937.44	0:00	0	0:00	0	0:00	0
746	Seasonal Residence	Non-Participating	325446.29	328026.82	0:00	0	0:00	0	0:00	0
747	Seasonal Residence	Non-Participating	325658.48	328135.24	0:00	0	0:00	0	0:00	0
748	Seasonal Residence	Non-Participating	325661.48	326324.43	0:00	0	0:00	0	0:00	0
878	Year-Round Residence	Non-Participating	325945.81	326888.42	0:00	0	0:00	0	0:00	0
940	Year-Round Residence	Non-Participating	327613.59	320420.17	0:00	0	0:00	0	0:00	0
998	Year-Round Residence	Non-Participating	324166.93	321721.96	0:00	0	0:00	0	0:00	0
1003	Year-Round Residence	Non-Participating	324046.35	321189.46	0:00	0	0:00	0	0:00	0
1025	Year-Round Residence	Non-Participating	330339.16	322901.61	0:00	0	0:00	0	0:00	0
1122	Year-Round Residence	Non-Participating	325000.23	327144.27	0:00	0	0:00	0	0:00	0
1129	Year-Round Residence	Non-Participating	324047.36	325972.98	0:00	0	0:00	0	0:00	0
1144	Year-Round Residence	Non-Participating	325887.36	323375.87	0:00	0	0:00	0	0:00	0
1145	Year-Round Residence	Non-Participating	325890.11	323346.79	0:00	0	0:00	0	0:00	0
1147	Year-Round Residence	Non-Participating	329880.15	322685.06	0:00	0	0:00	0	0:00	0
1148	Year-Round Residence	Non-Participating	329952.55	325105.23	0:00	0	0:00	0	0:00	0
1152	Year-Round Residence	Non-Participating	328507.39	328156.85	0:00	0	0:00	0	0:00	0
1156	Seasonal Residence	Non-Participating	323927.02	326942.58	12:13	733	0:00	0	12:13	733
1163	Year-Round Residence	Non-Participating	324570.27	327397.25	2:39	159	0:00	0	2:39	159
1164	Year-Round Residence	Non-Participating	324599.72	327375.63	2:36	156	0:00	0	2:36	156
1166	Year-Round Residence	Non-Participating	325724.92	327986.21	0:00	0	0:00	0	0:00	0
1167	Year-Round Residence	Non-Participating	326355.85	328616.48	0:00	0	0:00	0	0:00	0
1168	Year-Round Residence	Non-Participating	326482.93	326886.36	0:00	0	0:00	0	0:00	0
1169	Year-Round Residence	Non-Participating	326681.45	327386.34	0:00	0	0:00	0	0:00	0
1171	Year-Round Residence	Non-Participating	327603.15	325435.83	13:26	806	0:00	0	13:26	806

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID (Residential and Non-Participating Receptors)

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	61:28	3688	0:00	0	61:28	3688
1174	Year-Round Residence	Non-Participating	328258.97	324981.09	16:00	960	0:00	0	16:00	960
1176	Year-Round Residence	Non-Participating	330335.09	324905.12	0:00	0	0:00	0	0:00	0
1177	Year-Round Residence	Non-Participating	330153.01	325466.87	0:00	0	0:00	0	0:00	0
1178	Year-Round Residence	Non-Participating	324583.88	320893.66	0:00	0	0:00	0	0:00	0
1179	Year-Round Residence	Non-Participating	327064.62	323283.95	0:00	0	0:00	0	0:00	0
1183	Year-Round Residence	Non-Participating	328511.02	322768.13	0:00	0	0:00	0	0:00	0
1224	Year-Round Residence	Non-Participating	316822.82	329014.14	5:49	349	0:00	0	5:49	349
1275	Year-Round Residence	Non-Participating	322070.83	327704.69	0:00	0	0:00	0	0:00	0
1365	Year-Round Residence	Non-Participating	320539.86	330746.94	0:00	0	0:00	0	0:00	0
1406	Year-Round Residence	Non-Participating	319551.11	322646.06	0:00	0	0:00	0	0:00	0
1409	Year-Round Residence	Non-Participating	323113.39	320090.60	0:00	0	0:00	0	0:00	0
1419	Seasonal Residence	Non-Participating	313209.56	328767.83	0:00	0	0:00	0	0:00	0
1421	Seasonal Residence	Non-Participating	316258.35	332105.08	0:00	0	29:19	1759	29:19	1759
1422	Seasonal Residence	Non-Participating	317821.10	332559.73	0:00	0	10:18	618	10:18	618
1423	Seasonal Residence	Non-Participating	316491.12	329705.46	0:00	0	0:00	0	0:00	0
1425	Seasonal Residence	Non-Participating	313664.39	325982.83	0:00	0	0:00	0	0:00	0
1426	Seasonal Residence	Non-Participating	316087.96	326037.01	13:15	795	0:00	0	13:15	795
1427	Seasonal Residence	Non-Participating	316116.75	325871.01	5:29	329	0:00	0	5:29	329
1428	Seasonal Residence	Non-Participating	315968.20	326636.82	7:02	422	0:00	0	7:02	422
1430	Seasonal Residence	Non-Participating	320063.55	329354.58	5:21	321	0:00	0	5:21	321
1432	Seasonal Residence	Non-Participating	319185.70	326447.45	17:27	1047	0:00	0	17:27	1047
1433	Seasonal Residence	Non-Participating	319901.71	329969.79	0:00	0	0:00	0	0:00	0
1434	Seasonal Residence	Non-Participating	323920.16	328604.23	0:00	0	0:00	0	0:00	0
1438	Year-Round Residence	Non-Participating	318721.38	329731.20	10:56	656	0:00	0	10:56	656
1439	Year-Round Residence	Non-Participating	312967.76	326979.39	0:00	0	0:00	0	0:00	0
1440	Year-Round Residence	Non-Participating	313042.05	326949.42	0:00	0	0:00	0	0:00	0
1441	Year-Round Residence	Non-Participating	313111.01	326969.73	0:00	0	0:00	0	0:00	0
1442	Year-Round Residence	Non-Participating	313191.15	327029.38	0:00	0	0:00	0	0:00	0
1443	Year-Round Residence	Non-Participating	313258.73	327007.33	0:00	0	0:00	0	0:00	0
1444	Year-Round Residence	Non-Participating	313377.60	327129.66	0:00	0	0:00	0	0:00	0
1445	Year-Round Residence	Non-Participating	313311.36	327194.05	0:00	0	0:00	0	0:00	0
1446	Year-Round Residence	Non-Participating	313174.86	327170.26	0:00	0	0:00	0	0:00	0
1447	Year-Round Residence	Non-Participating	313161.11	327222.95	0:00	0	0:00	0	0:00	0
1448	Year-Round Residence	Non-Participating	313125.99	327262.87	0:00	0	0:00	0	0:00	0
1449	Year-Round Residence	Non-Participating	313092.30	327319.27	0:00	0	0:00	0	0:00	0
1450	Year-Round Residence	Non-Participating	313053.96	327352.15	0:00	0	0:00	0	0:00	0
1451	Year-Round Residence	Non-Participating	313034.29	327397.98	0:00	0	0:00	0	0:00	0
1452	Year-Round Residence	Non-Participating	313120.41	327475.47	0:00	0	0:00	0	0:00	0
1453	Year-Round Residence	Non-Participating	312972.61	327495.45	0:00	0	0:00	0	0:00	0
1454	Year-Round Residence	Non-Participating	313196.59	326572.88	0:00	0	0:00	0	0:00	0
1455	Year-Round Residence	Non-Participating	313179.66	326499.26	0:00	0	0:00	0	0:00	0
1456	Year-Round Residence	Non-Participating	313272.81	326547.92	0:00	0	0:00	0	0:00	0
1457	Year-Round Residence	Non-Participating	313257.94	326470.93	0:00	0	0:00	0	0:00	0
1458	Year-Round Residence	Non-Participating	313346.76	326533.97	0:00	0	0:00	0	0:00	0
1459	Year-Round Residence	Non-Participating	313329.10	326450.26	0:00	0	0:00	0	0:00	0
1460	Year-Round Residence	Non-Participating	313406.02	326508.66	0:00	0	0:00	0	0:00	0
1461	Year-Round Residence	Non-Participating	313400.40	326413.17	0:00	0	0:00	0	0:00	0
1462	Year-Round Residence	Non-Participating	313345.60	326366.75	0:00	0	0:00	0	0:00	0
1463	Year-Round Residence	Non-Participating	313259.28	326356.70	0:00	0	0:00	0	0:00	0
1464	Year-Round Residence	Non-Participating	313197.06	326246.34	0:00	0	0:00	0	0:00	0
1465	Year-Round Residence	Non-Participating	313237.91	326133.43	0:00	0	0:00	0	0:00	0
1466	Year-Round Residence	Non-Participating	313431.39	326286.56	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1467	Year-Round Residence	Non-Participating	313364.20	327216.23	0:00	0	0:00	0	0:00	0
1468	Year-Round Residence	Non-Participating	313481.86	327262.51	0:00	0	0:00	0	0:00	0
1469	Year-Round Residence	Non-Participating	313703.14	327291.26	0:00	0	0:00	0	0:00	0
1470	Year-Round Residence	Non-Participating	313751.46	327308.59	0:00	0	0:00	0	0:00	0
1471	Year-Round Residence	Non-Participating	313806.07	327415.41	0:00	0	0:00	0	0:00	0
1472	Year-Round Residence	Non-Participating	313917.19	327390.29	0:00	0	0:00	0	0:00	0
1473	Year-Round Residence	Non-Participating	313592.39	327089.79	0:00	0	0:00	0	0:00	0
1474	Year-Round Residence	Non-Participating	313638.97	327081.09	0:00	0	0:00	0	0:00	0
1475	Year-Round Residence	Non-Participating	313699.78	327128.42	0:00	0	0:00	0	0:00	0
1476	Year-Round Residence	Non-Participating	313783.15	327128.53	0:00	0	0:00	0	0:00	0
1477	Year-Round Residence	Non-Participating	313722.90	327044.75	0:00	0	0:00	0	0:00	0
1478	Year-Round Residence	Non-Participating	313779.01	327056.60	0:00	0	0:00	0	0:00	0
1479	Year-Round Residence	Non-Participating	313828.68	327039.61	0:00	0	0:00	0	0:00	0
1480	Year-Round Residence	Non-Participating	313842.30	327129.09	0:00	0	0:00	0	0:00	0
1481	Year-Round Residence	Non-Participating	313910.71	327136.72	0:00	0	0:00	0	0:00	0
1482	Year-Round Residence	Non-Participating	313924.65	327021.49	0:00	0	0:00	0	0:00	0
1483	Year-Round Residence	Non-Participating	314253.38	327418.18	0:00	0	0:00	0	0:00	0
1484	Year-Round Residence	Non-Participating	314297.96	327484.44	0:00	0	0:00	0	0:00	0
1485	Year-Round Residence	Non-Participating	314248.18	327650.62	0:00	0	0:00	0	0:00	0
1486	Year-Round Residence	Non-Participating	314162.36	327635.89	0:00	0	0:00	0	0:00	0
1487	Year-Round Residence	Non-Participating	314002.12	327458.34	0:00	0	0:00	0	0:00	0
1488	Year-Round Residence	Non-Participating	313970.42	327505.32	0:00	0	0:00	0	0:00	0
1489	Year-Round Residence	Non-Participating	313980.93	327557.55	0:00	0	0:00	0	0:00	0
1490	Year-Round Residence	Non-Participating	313943.32	327914.61	0:00	0	0:00	0	0:00	0
1491	Year-Round Residence	Non-Participating	313932.71	327989.83	0:00	0	0:00	0	0:00	0
1493	Year-Round Residence	Non-Participating	313815.68	328474.02	0:00	0	0:00	0	0:00	0
1494	Year-Round Residence	Non-Participating	313721.93	328454.62	0:00	0	0:00	0	0:00	0
1496	Year-Round Residence	Non-Participating	313628.66	329025.75	0:00	0	0:00	0	0:00	0
1497	Year-Round Residence	Non-Participating	313697.09	329799.65	0:00	0	0:00	0	0:00	0
1498	Year-Round Residence	Non-Participating	313687.67	330025.45	0:00	0	0:00	0	0:00	0
1499	Year-Round Residence	Non-Participating	313601.18	330082.10	0:00	0	0:00	0	0:00	0
1500	Year-Round Residence	Non-Participating	313413.64	330010.49	0:00	0	0:00	0	0:00	0
1501	Year-Round Residence	Non-Participating	313829.25	330028.78	0:00	0	0:00	0	0:00	0
1502	Year-Round Residence	Non-Participating	313964.92	330096.38	0:00	0	0:00	0	0:00	0
1503	Year-Round Residence	Non-Participating	313999.76	330029.11	0:00	0	0:00	0	0:00	0
1504	Year-Round Residence	Non-Participating	314067.00	330034.76	0:00	0	0:00	0	0:00	0
1505	Year-Round Residence	Non-Participating	314035.46	330085.76	0:00	0	0:00	0	0:00	0
1506	Year-Round Residence	Non-Participating	314260.71	330096.96	0:00	0	0:00	0	0:00	0
1507	Year-Round Residence	Non-Participating	314285.14	330021.87	0:00	0	0:00	0	0:00	0
1508	Year-Round Residence	Non-Participating	314451.52	330019.85	0:00	0	0:00	0	0:00	0
1509	Year-Round Residence	Non-Participating	314533.04	330027.50	0:00	0	0:00	0	0:00	0
1511	Year-Round Residence	Non-Participating	314932.90	330000.03	0:00	0	0:00	0	0:00	0
1512	Year-Round Residence	Non-Participating	315001.78	330054.61	0:00	0	0:00	0	0:00	0
1513	Year-Round Residence	Non-Participating	314997.99	329999.36	0:00	0	0:00	0	0:00	0
1514	Year-Round Residence	Non-Participating	315010.48	329939.82	0:00	0	0:00	0	0:00	0
1515	Year-Round Residence	Non-Participating	315011.59	330199.68	0:00	0	0:00	0	0:00	0
1516	Year-Round Residence	Non-Participating	315009.83	330268.05	0:00	0	0:00	0	0:00	0
1517	Year-Round Residence	Non-Participating	314932.67	330460.58	0:00	0	0:00	0	0:00	0
1519	Year-Round Residence	Non-Participating	314939.30	330576.96	0:00	0	0:00	0	0:00	0
1520	Year-Round Residence	Non-Participating	315012.13	330682.81	0:00	0	0:49	49	0:49	49
1521	Year-Round Residence	Non-Participating	314910.30	331361.14	0:00	0	0:00	0	0:00	0
1522	Year-Round Residence	Non-Participating	314924.00	331425.38	0:00	0	0:00	0	0:00	0
1523	Year-Round Residence	Non-Participating	315051.38	331423.62	0:00	0	0:30	30	0:30	30

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1524	Year-Round Residence	Non-Participating	314916.10	331481.80	0:00	0	0:00	0	0:00	0
1525	Year-Round Residence	Non-Participating	314914.50	331550.79	0:00	0	0:00	0	0:00	0
1526	Year-Round Residence	Non-Participating	314979.50	331612.67	0:00	0	0:00	0	0:00	0
1528	Year-Round Residence	Non-Participating	315767.33	332047.04	0:00	0	4:10	250	4:10	250
1529	Year-Round Residence	Non-Participating	315835.06	332039.26	0:00	0	5:04	304	5:04	304
1530	Year-Round Residence	Non-Participating	315885.10	332053.75	0:00	0	6:02	362	6:02	362
1531	Year-Round Residence	Non-Participating	316179.66	332111.57	0:00	0	24:33	1473	24:33	1473
1532	Year-Round Residence	Non-Participating	316243.14	332049.68	0:00	0	6:18	378	6:18	378
1533	Year-Round Residence	Non-Participating	316965.40	332094.86	0:00	0	14:17	857	14:17	857
1534	Year-Round Residence	Non-Participating	316940.62	332517.63	0:00	0	38:28	2308	38:28	2308
1535	Year-Round Residence	Non-Participating	316948.80	332661.74	0:00	0	5:20	320	5:20	320
1536	Year-Round Residence	Non-Participating	317162.01	332007.60	0:00	0	4:42	282	4:42	282
1537	Year-Round Residence	Non-Participating	317303.94	331926.49	0:00	0	4:37	277	4:37	277
1538	Year-Round Residence	Non-Participating	317470.51	332078.34	0:00	0	3:56	236	3:56	236
1539	Year-Round Residence	Non-Participating	317531.49	332035.95	0:00	0	3:43	223	3:43	223
1540	Year-Round Residence	Non-Participating	315162.28	331387.59	0:00	0	1:41	101	1:41	101
1541	Year-Round Residence	Non-Participating	315242.14	331410.61	0:00	0	1:28	88	1:28	88
1542	Year-Round Residence	Non-Participating	315187.86	331505.88	0:00	0	4:03	243	4:03	243
1543	Year-Round Residence	Non-Participating	315555.89	331563.03	0:00	0	3:19	199	3:19	199
1544	Year-Round Residence	Non-Participating	315538.74	331503.09	0:00	0	3:54	234	3:54	234
1545	Year-Round Residence	Non-Participating	315916.58	331615.03	0:00	0	4:12	252	4:12	252
1546	Year-Round Residence	Non-Participating	316384.90	331774.75	0:00	0	4:54	294	4:54	294
1547	Year-Round Residence	Non-Participating	317251.00	331773.09	0:00	0	2:37	157	2:37	157
1548	Year-Round Residence	Non-Participating	317771.95	332376.33	0:00	0	25:27	1527	25:27	1527
1549	Year-Round Residence	Non-Participating	317928.99	332531.91	0:00	0	7:34	454	7:34	454
1550	Year-Round Residence	Non-Participating	317912.84	332517.00	0:00	0	8:12	492	8:12	492
1551	Year-Round Residence	Non-Participating	317956.75	332503.53	0:00	0	6:52	412	6:52	412
1552	Year-Round Residence	Non-Participating	318173.58	332579.80	0:00	0	3:03	183	3:03	183
1553	Year-Round Residence	Non-Participating	318198.75	332538.77	0:00	0	3:03	183	3:03	183
1554	Year-Round Residence	Non-Participating	318297.85	332645.62	0:00	0	2:11	131	2:11	131
1555	Year-Round Residence	Non-Participating	318392.60	332680.07	0:00	0	1:48	108	1:48	108
1556	Year-Round Residence	Non-Participating	318899.32	333078.03	0:00	0	0:26	26	0:26	26
1557	Year-Round Residence	Non-Participating	318618.06	333462.22	0:00	0	0:00	0	0:00	0
1558	Year-Round Residence	Non-Participating	318595.67	333526.37	0:00	0	0:00	0	0:00	0
1559	Year-Round Residence	Non-Participating	318651.84	333523.40	0:00	0	0:00	0	0:00	0
1561	Year-Round Residence	Non-Participating	318842.75	333517.28	0:00	0	0:00	0	0:00	0
1562	Year-Round Residence	Non-Participating	319036.75	333421.10	0:00	0	0:00	0	0:00	0
1563	Year-Round Residence	Non-Participating	319176.82	333363.00	0:00	0	0:00	0	0:00	0
1564	Year-Round Residence	Non-Participating	319207.68	333346.72	0:00	0	0:00	0	0:00	0
1565	Year-Round Residence	Non-Participating	319504.27	333413.13	0:00	0	0:00	0	0:00	0
1566	Year-Round Residence	Non-Participating	317506.43	333622.88	0:00	0	0:00	0	0:00	0
1567	Year-Round Residence	Non-Participating	317672.08	333519.27	0:00	0	0:00	0	0:00	0
1568	Year-Round Residence	Non-Participating	317946.98	333513.69	0:00	0	0:00	0	0:00	0
1569	Year-Round Residence	Non-Participating	318306.56	333526.46	0:00	0	0:00	0	0:00	0
1570	Year-Round Residence	Non-Participating	318962.92	333114.33	0:00	0	0:00	0	0:00	0
1571	Year-Round Residence	Non-Participating	318931.70	333010.16	0:00	0	0:28	28	0:28	28
1572	Year-Round Residence	Non-Participating	318945.85	332637.68	0:00	0	0:33	33	0:33	33
1573	Year-Round Residence	Non-Participating	318960.04	332427.90	0:00	0	0:35	35	0:35	35
1574	Year-Round Residence	Non-Participating	318870.32	332207.11	0:00	0	0:49	49	0:49	49
1575	Year-Round Residence	Non-Participating	318885.37	332111.27	0:00	0	0:52	52	0:52	52
1576	Year-Round Residence	Non-Participating	318938.14	332143.57	0:00	0	0:46	46	0:46	46
1577	Year-Round Residence	Non-Participating	318937.99	332085.30	0:00	0	0:48	48	0:48	48
1578	Year-Round Residence	Non-Participating	318876.04	331665.43	0:00	0	2:13	133	2:13	133



Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1579	Year-Round Residence	Non-Participating	318317.00	331795.20	0:00	0	3:34	214	3:34	214
1580	Year-Round Residence	Non-Participating	318255.95	331816.99	0:00	0	4:28	268	4:28	268
1581	Year-Round Residence	Non-Participating	318142.94	331788.38	0:00	0	6:13	373	6:13	373
1582	Year-Round Residence	Non-Participating	318052.40	331754.82	0:00	0	3:32	212	3:32	212
1583	Year-Round Residence	Non-Participating	318019.80	331786.40	0:00	0	3:38	218	3:38	218
1584	Year-Round Residence	Non-Participating	316831.43	331217.22	0:00	0	27:46	1666	27:46	1666
1585	Year-Round Residence	Non-Participating	316859.36	331102.09	0:00	0	18:58	1138	18:58	1138
1586	Year-Round Residence	Non-Participating	316826.82	331047.66	0:00	0	24:59	1499	24:59	1499
1587	Year-Round Residence	Non-Participating	316853.49	330976.13	0:00	0	32:29	1949	32:29	1949
1588	Year-Round Residence	Non-Participating	316843.19	330708.39	0:00	0	42:27	2547	42:27	2547
1589	Year-Round Residence	Non-Participating	316836.94	330583.82	0:00	0	28:38	1718	28:38	1718
1590	Year-Round Residence	Non-Participating	316840.66	330247.46	0:00	0	23:10	1390	23:10	1390
1592	Year-Round Residence	Non-Participating	316349.09	330103.34	0:00	0	2:43	163	2:43	163
1593	Year-Round Residence	Non-Participating	316115.85	330155.12	0:00	0	5:10	310	5:10	310
1595	Year-Round Residence	Non-Participating	315914.84	330004.21	0:00	0	3:49	229	3:49	229
1597	Year-Round Residence	Non-Participating	315758.86	330108.47	0:00	0	1:46	106	1:46	106
1598	Year-Round Residence	Non-Participating	315584.07	330108.17	0:00	0	0:00	0	0:00	0
1599	Year-Round Residence	Non-Participating	315445.36	329967.59	0:00	0	0:00	0	0:00	0
1600	Year-Round Residence	Non-Participating	315282.32	330095.98	0:00	0	2:30	150	2:30	150
1601	Year-Round Residence	Non-Participating	317011.56	329803.88	2:57	177	0:00	0	2:57	177
1602	Year-Round Residence	Non-Participating	317146.67	329782.64	3:35	215	0:00	0	3:35	215
1603	Year-Round Residence	Non-Participating	316828.16	329278.93	2:55	175	0:00	0	2:55	175
1604	Year-Round Residence	Non-Participating	316840.36	329228.44	3:05	185	0:00	0	3:05	185
1605	Year-Round Residence	Non-Participating	316735.89	329005.06	3:02	182	0:00	0	3:02	182
1606	Year-Round Residence	Non-Participating	316605.59	328887.32	0:00	0	0:00	0	0:00	0
1607	Year-Round Residence	Non-Participating	316567.71	329033.05	0:00	0	0:00	0	0:00	0
1608	Year-Round Residence	Non-Participating	316733.74	328837.52	0:00	0	0:00	0	0:00	0
1609	Year-Round Residence	Non-Participating	316491.74	328744.02	0:00	0	0:00	0	0:00	0
1610	Year-Round Residence	Non-Participating	316233.99	328685.00	0:00	0	0:00	0	0:00	0
1611	Year-Round Residence	Non-Participating	316178.09	328571.86	0:00	0	0:00	0	0:00	0
1612	Year-Round Residence	Non-Participating	315960.19	328594.36	0:00	0	0:00	0	0:00	0
1613	Year-Round Residence	Non-Participating	315963.05	328457.18	0:00	0	0:00	0	0:00	0
1614	Year-Round Residence	Non-Participating	315874.56	328382.63	0:00	0	0:00	0	0:00	0
1615	Year-Round Residence	Non-Participating	315697.13	328351.49	5:06	306	0:00	0	5:06	306
1616	Year-Round Residence	Non-Participating	315375.61	328245.23	10:04	604	0:00	0	10:04	604
1617	Year-Round Residence	Non-Participating	315278.96	328192.26	10:54	654	0:00	0	10:54	654
1618	Year-Round Residence	Non-Participating	315323.62	328136.21	12:25	745	0:00	0	12:25	745
1619	Year-Round Residence	Non-Participating	314772.89	328334.16	2:59	179	0:00	0	2:59	179
1620	Year-Round Residence	Non-Participating	314771.79	328401.56	2:52	172	0:00	0	2:52	172
1621	Year-Round Residence	Non-Participating	314870.08	328530.03	3:02	182	0:00	0	3:02	182
1622	Year-Round Residence	Non-Participating	314833.81	328593.64	2:58	178	0:00	0	2:58	178
1623	Year-Round Residence	Non-Participating	315017.68	328719.70	4:19	259	0:00	0	4:19	259
1624	Year-Round Residence	Non-Participating	314971.61	329096.62	0:00	0	0:00	0	0:00	0
1625	Year-Round Residence	Non-Participating	314962.26	329064.08	0:00	0	0:00	0	0:00	0
1626	Year-Round Residence	Non-Participating	314959.08	329507.94	0:00	0	0:00	0	0:00	0
1628	Year-Round Residence	Non-Participating	315299.06	327572.50	25:36	1536	0:00	0	25:36	1536
1629	Year-Round Residence	Non-Participating	314688.18	327819.34	3:26	206	0:00	0	3:26	206
1630	Year-Round Residence	Non-Participating	315279.35	327360.23	4:09	249	0:00	0	4:09	249
1631	Year-Round Residence	Non-Participating	315302.45	327324.36	4:22	262	0:00	0	4:22	262
1632	Year-Round Residence	Non-Participating	315368.39	327208.25	5:29	329	0:00	0	5:29	329
1633	Year-Round Residence	Non-Participating	315741.37	326674.82	3:03	183	0:00	0	3:03	183
1634	Year-Round Residence	Non-Participating	315758.97	326633.30	3:11	191	0:00	0	3:11	191
1635	Year-Round Residence	Non-Participating	315772.80	326591.51	3:22	202	0:00	0	3:22	202

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1636	Year-Round Residence	Non-Participating	315695.63	326613.37	2:58	178	0:00	0	2:58	178
1637	Year-Round Residence	Non-Participating	315678.30	326616.04	2:54	174	0:00	0	2:54	174
1638	Year-Round Residence	Non-Participating	315657.74	326619.03	2:49	169	0:00	0	2:49	169
1639	Year-Round Residence	Non-Participating	315716.77	326577.99	3:09	189	0:00	0	3:09	189
1640	Year-Round Residence	Non-Participating	315693.92	326579.97	3:02	182	0:00	0	3:02	182
1641	Year-Round Residence	Non-Participating	315682.78	326584.02	2:57	177	0:00	0	2:57	177
1642	Year-Round Residence	Non-Participating	315663.69	326587.78	2:53	173	0:00	0	2:53	173
1643	Year-Round Residence	Non-Participating	315651.38	326588.65	2:50	170	0:00	0	2:50	170
1644	Year-Round Residence	Non-Participating	315596.87	326568.99	2:40	160	0:00	0	2:40	160
1645	Year-Round Residence	Non-Participating	315597.09	326577.37	2:39	159	0:00	0	2:39	159
1646	Year-Round Residence	Non-Participating	315433.80	326615.99	0:00	0	0:00	0	0:00	0
1647	Year-Round Residence	Non-Participating	315427.89	326556.77	0:00	0	0:00	0	0:00	0
1648	Year-Round Residence	Non-Participating	315349.91	326589.01	0:28	28	0:00	0	0:28	28
1649	Year-Round Residence	Non-Participating	315325.96	326678.06	7:43	463	0:00	0	7:43	463
1650	Year-Round Residence	Non-Participating	315276.32	326611.41	5:11	311	0:00	0	5:11	311
1651	Year-Round Residence	Non-Participating	314263.41	326916.90	0:00	0	0:00	0	0:00	0
1652	Year-Round Residence	Non-Participating	313731.52	326502.18	0:00	0	0:00	0	0:00	0
1653	Year-Round Residence	Non-Participating	313601.57	326286.56	0:00	0	0:00	0	0:00	0
1654	Year-Round Residence	Non-Participating	315726.55	326447.63	3:28	208	0:00	0	3:28	208
1655	Year-Round Residence	Non-Participating	315871.35	326483.86	6:43	403	0:00	0	6:43	403
1656	Year-Round Residence	Non-Participating	315807.96	326378.91	6:35	395	0:00	0	6:35	395
1657	Year-Round Residence	Non-Participating	315945.37	326471.62	7:36	456	0:00	0	7:36	456
1658	Year-Round Residence	Non-Participating	315838.17	326300.72	7:15	435	0:00	0	7:15	435
1659	Year-Round Residence	Non-Participating	315824.98	326142.57	8:27	507	0:00	0	8:27	507
1660	Year-Round Residence	Non-Participating	315822.14	326099.45	9:07	547	0:00	0	9:07	547
1661	Year-Round Residence	Non-Participating	315829.11	325983.55	12:36	756	0:00	0	12:36	756
1662	Year-Round Residence	Non-Participating	315221.49	325660.80	0:00	0	0:00	0	0:00	0
1664	Year-Round Residence	Non-Participating	315160.07	325457.00	0:00	0	0:00	0	0:00	0
1665	Year-Round Residence	Non-Participating	315013.30	324934.58	0:00	0	0:00	0	0:00	0
1666	Year-Round Residence	Non-Participating	314991.19	324894.13	0:00	0	0:00	0	0:00	0
1667	Year-Round Residence	Non-Participating	314971.97	324853.21	0:00	0	0:00	0	0:00	0
1668	Year-Round Residence	Non-Participating	315039.14	324819.01	0:00	0	0:00	0	0:00	0
1669	Year-Round Residence	Non-Participating	314926.03	324733.55	0:00	0	0:00	0	0:00	0
1670	Year-Round Residence	Non-Participating	314767.17	324612.80	0:00	0	0:00	0	0:00	0
1671	Year-Round Residence	Non-Participating	314799.68	324520.18	0:00	0	0:00	0	0:00	0
1672	Year-Round Residence	Non-Participating	314748.49	324460.80	0:00	0	0:00	0	0:00	0
1673	Year-Round Residence	Non-Participating	314691.46	324399.17	0:00	0	0:00	0	0:00	0
1674	Year-Round Residence	Non-Participating	314510.58	324333.51	0:00	0	0:00	0	0:00	0
1675	Year-Round Residence	Non-Participating	314269.84	324397.90	0:00	0	0:00	0	0:00	0
1676	Year-Round Residence	Non-Participating	314240.27	324405.93	0:00	0	0:00	0	0:00	0
1677	Year-Round Residence	Non-Participating	314056.62	324410.17	0:00	0	0:00	0	0:00	0
1678	Year-Round Residence	Non-Participating	314222.26	324511.01	0:00	0	0:00	0	0:00	0
1679	Year-Round Residence	Non-Participating	314274.06	324516.39	0:00	0	0:00	0	0:00	0
1680	Year-Round Residence	Non-Participating	314633.61	324304.10	0:00	0	0:00	0	0:00	0
1681	Year-Round Residence	Non-Participating	314602.82	324270.58	0:00	0	0:00	0	0:00	0
1682	Year-Round Residence	Non-Participating	314575.05	324230.68	0:00	0	0:00	0	0:00	0
1683	Year-Round Residence	Non-Participating	314625.83	324187.68	0:00	0	0:00	0	0:00	0
1684	Year-Round Residence	Non-Participating	314583.95	324119.20	0:00	0	0:00	0	0:00	0
1685	Year-Round Residence	Non-Participating	314524.04	324029.46	0:00	0	0:00	0	0:00	0
1686	Year-Round Residence	Non-Participating	314481.50	323983.54	0:00	0	0:00	0	0:00	0
1687	Year-Round Residence	Non-Participating	314450.66	323916.96	0:00	0	0:00	0	0:00	0
1688	Year-Round Residence	Non-Participating	314367.43	323817.94	0:00	0	0:00	0	0:00	0
1689	Year-Round Residence	Non-Participating	315365.02	324383.19	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID (Residential and Non-Participating Receptors)

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1690	Year-Round Residence	Non-Participating	315412.98	324432.32	0:00	0	0:00	0	0:00	0
1691	Year-Round Residence	Non-Participating	315430.45	324375.28	0:00	0	0:00	0	0:00	0
1692	Year-Round Residence	Non-Participating	315460.78	324293.40	0:00	0	0:00	0	0:00	0
1693	Year-Round Residence	Non-Participating	315594.13	324295.05	0:00	0	0:00	0	0:00	0
1694	Year-Round Residence	Non-Participating	315602.89	324343.27	0:00	0	0:00	0	0:00	0
1695	Year-Round Residence	Non-Participating	315617.48	324293.47	0:00	0	0:00	0	0:00	0
1696	Year-Round Residence	Non-Participating	315624.16	324341.98	0:00	0	0:00	0	0:00	0
1697	Year-Round Residence	Non-Participating	315639.59	324270.81	0:00	0	0:00	0	0:00	0
1698	Year-Round Residence	Non-Participating	315651.04	324335.41	0:00	0	0:00	0	0:00	0
1699	Year-Round Residence	Non-Participating	315679.52	324274.01	0:00	0	0:00	0	0:00	0
1700	Year-Round Residence	Non-Participating	315709.83	324328.35	0:00	0	0:00	0	0:00	0
1701	Year-Round Residence	Non-Participating	315704.39	324277.34	0:00	0	0:00	0	0:00	0
1702	Year-Round Residence	Non-Participating	315746.02	324333.13	0:00	0	0:00	0	0:00	0
1703	Year-Round Residence	Non-Participating	315802.29	324325.21	0:00	0	0:00	0	0:00	0
1704	Year-Round Residence	Non-Participating	315813.57	324262.76	0:00	0	0:00	0	0:00	0
1705	Year-Round Residence	Non-Participating	315851.74	324236.03	0:00	0	0:00	0	0:00	0
1706	Year-Round Residence	Non-Participating	315850.02	324211.78	0:00	0	0:00	0	0:00	0
1707	Year-Round Residence	Non-Participating	315849.02	324162.25	0:00	0	0:00	0	0:00	0
1708	Year-Round Residence	Non-Participating	315896.66	324190.67	0:00	0	0:00	0	0:00	0
1709	Year-Round Residence	Non-Participating	315931.58	324232.39	0:00	0	0:00	0	0:00	0
1710	Year-Round Residence	Non-Participating	315896.38	324171.16	0:00	0	0:00	0	0:00	0
1711	Year-Round Residence	Non-Participating	315862.45	324072.91	0:00	0	0:00	0	0:00	0
1712	Year-Round Residence	Non-Participating	315944.78	324059.31	0:00	0	0:00	0	0:00	0
1713	Year-Round Residence	Non-Participating	315860.19	324026.74	0:00	0	0:00	0	0:00	0
1714	Year-Round Residence	Non-Participating	315862.60	323992.89	0:00	0	0:00	0	0:00	0
1715	Year-Round Residence	Non-Participating	315542.78	323513.41	0:00	0	0:00	0	0:00	0
1716	Year-Round Residence	Non-Participating	315597.57	323431.12	0:00	0	0:00	0	0:00	0
1717	Year-Round Residence	Non-Participating	315670.27	323093.86	0:00	0	0:00	0	0:00	0
1718	Year-Round Residence	Non-Participating	315648.80	322945.60	0:00	0	0:00	0	0:00	0
1719	Year-Round Residence	Non-Participating	315842.16	325777.59	3:39	219	0:00	0	3:39	219
1720	Year-Round Residence	Non-Participating	315845.20	325721.23	3:51	231	0:00	0	3:51	231
1721	Year-Round Residence	Non-Participating	315775.27	325591.65	0:00	0	0:00	0	0:00	0
1722	Year-Round Residence	Non-Participating	315905.96	325564.46	6:28	388	0:00	0	6:28	388
1723	Year-Round Residence	Non-Participating	315732.06	325525.52	0:00	0	0:00	0	0:00	0
1724	Year-Round Residence	Non-Participating	315878.92	325483.58	0:00	0	0:00	0	0:00	0
1725	Year-Round Residence	Non-Participating	315868.39	325417.13	0:00	0	0:00	0	0:00	0
1726	Year-Round Residence	Non-Participating	316130.17	325410.50	0:00	0	0:00	0	0:00	0
1727	Year-Round Residence	Non-Participating	315766.50	325318.78	0:00	0	0:00	0	0:00	0
1728	Year-Round Residence	Non-Participating	315806.40	325181.06	0:00	0	0:00	0	0:00	0
1729	Year-Round Residence	Non-Participating	315801.94	325131.88	0:00	0	0:00	0	0:00	0
1730	Year-Round Residence	Non-Participating	315806.15	325041.39	0:00	0	0:00	0	0:00	0
1731	Year-Round Residence	Non-Participating	315815.19	324943.54	0:00	0	0:00	0	0:00	0
1732	Year-Round Residence	Non-Participating	315815.20	324887.91	0:00	0	0:00	0	0:00	0
1733	Year-Round Residence	Non-Participating	315818.34	324846.31	0:00	0	0:00	0	0:00	0
1734	Year-Round Residence	Non-Participating	315887.03	324845.91	0:00	0	0:00	0	0:00	0
1735	Year-Round Residence	Non-Participating	315816.10	324807.31	0:00	0	0:00	0	0:00	0
1736	Year-Round Residence	Non-Participating	315816.17	324755.78	0:00	0	0:00	0	0:00	0
1737	Year-Round Residence	Non-Participating	315732.55	324738.14	0:00	0	0:00	0	0:00	0
1738	Year-Round Residence	Non-Participating	315877.87	324609.12	0:00	0	0:00	0	0:00	0
1739	Year-Round Residence	Non-Participating	315829.44	324568.36	0:00	0	0:00	0	0:00	0
1740	Year-Round Residence	Non-Participating	315883.82	324450.97	0:00	0	0:00	0	0:00	0
1741	Year-Round Residence	Non-Participating	315841.58	324436.57	0:00	0	0:00	0	0:00	0
1742	Year-Round Residence	Non-Participating	315880.49	324429.32	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1743	Year-Round Residence	Non-Participating	315883.13	324408.14	0:00	0	0:00	0	0:00	0
1744	Year-Round Residence	Non-Participating	315841.59	324410.78	0:00	0	0:00	0	0:00	0
1745	Year-Round Residence	Non-Participating	315831.70	324373.16	0:00	0	0:00	0	0:00	0
1746	Year-Round Residence	Non-Participating	315887.61	324312.05	0:00	0	0:00	0	0:00	0
1747	Year-Round Residence	Non-Participating	315964.98	324306.54	0:00	0	0:00	0	0:00	0
1748	Year-Round Residence	Non-Participating	315960.73	324246.22	0:00	0	0:00	0	0:00	0
1749	Year-Round Residence	Non-Participating	315984.47	324243.16	0:00	0	0:00	0	0:00	0
1750	Year-Round Residence	Non-Participating	316038.02	324236.70	0:00	0	0:00	0	0:00	0
1751	Year-Round Residence	Non-Participating	316043.00	324292.09	0:00	0	0:00	0	0:00	0
1752	Year-Round Residence	Non-Participating	316139.25	324272.01	0:00	0	0:00	0	0:00	0
1753	Year-Round Residence	Non-Participating	316124.18	324229.69	0:00	0	0:00	0	0:00	0
1754	Year-Round Residence	Non-Participating	316187.32	324280.52	0:00	0	0:00	0	0:00	0
1755	Year-Round Residence	Non-Participating	316379.75	324191.19	0:00	0	0:00	0	0:00	0
1756	Year-Round Residence	Non-Participating	316467.11	323971.00	0:00	0	0:00	0	0:00	0
1757	Year-Round Residence	Non-Participating	316575.48	324073.23	0:00	0	0:00	0	0:00	0
1758	Year-Round Residence	Non-Participating	316481.54	324164.10	0:00	0	0:00	0	0:00	0
1759	Year-Round Residence	Non-Participating	316426.56	324236.13	0:00	0	0:00	0	0:00	0
1760	Year-Round Residence	Non-Participating	316521.21	324219.68	0:00	0	0:00	0	0:00	0
1761	Year-Round Residence	Non-Participating	316644.90	324125.81	0:00	0	0:00	0	0:00	0
1762	Year-Round Residence	Non-Participating	316695.66	324182.45	0:00	0	0:00	0	0:00	0
1763	Year-Round Residence	Non-Participating	316723.51	324188.42	0:00	0	0:00	0	0:00	0
1764	Year-Round Residence	Non-Participating	316735.46	324071.49	0:00	0	0:00	0	0:00	0
1765	Year-Round Residence	Non-Participating	316796.47	324237.77	0:00	0	0:00	0	0:00	0
1766	Year-Round Residence	Non-Participating	316802.81	324064.25	0:00	0	0:00	0	0:00	0
1767	Year-Round Residence	Non-Participating	316863.12	324051.23	0:00	0	0:00	0	0:00	0
1768	Year-Round Residence	Non-Participating	317068.03	324050.95	0:00	0	0:00	0	0:00	0
1769	Year-Round Residence	Non-Participating	317430.63	323823.33	0:00	0	0:00	0	0:00	0
1770	Year-Round Residence	Non-Participating	317481.48	323770.75	0:00	0	0:00	0	0:00	0
1771	Year-Round Residence	Non-Participating	317546.74	323741.33	0:00	0	0:00	0	0:00	0
1772	Year-Round Residence	Non-Participating	317423.91	323571.88	0:00	0	0:00	0	0:00	0
1773	Year-Round Residence	Non-Participating	317330.81	323415.30	0:00	0	0:00	0	0:00	0
1774	Year-Round Residence	Non-Participating	317452.97	323385.73	0:00	0	0:00	0	0:00	0
1775	Year-Round Residence	Non-Participating	317498.61	323340.29	0:00	0	0:00	0	0:00	0
1776	Year-Round Residence	Non-Participating	317161.34	323168.95	0:00	0	0:00	0	0:00	0
1777	Year-Round Residence	Non-Participating	317050.07	322725.86	0:00	0	0:00	0	0:00	0
1778	Year-Round Residence	Non-Participating	317085.10	322808.85	0:00	0	0:00	0	0:00	0
1779	Year-Round Residence	Non-Participating	317705.39	322930.77	0:00	0	0:00	0	0:00	0
1780	Year-Round Residence	Non-Participating	317563.90	323943.84	0:00	0	0:00	0	0:00	0
1781	Year-Round Residence	Non-Participating	317636.47	324013.37	0:00	0	0:00	0	0:00	0
1782	Year-Round Residence	Non-Participating	317567.50	324213.55	0:00	0	0:00	0	0:00	0
1783	Year-Round Residence	Non-Participating	317491.75	324283.34	0:00	0	0:00	0	0:00	0
1784	Year-Round Residence	Non-Participating	317566.48	324309.98	0:00	0	0:00	0	0:00	0
1785	Year-Round Residence	Non-Participating	317615.75	324324.93	0:00	0	0:00	0	0:00	0
1786	Year-Round Residence	Non-Participating	317489.01	324433.14	0:00	0	0:00	0	0:00	0
1787	Year-Round Residence	Non-Participating	317580.75	324448.55	0:00	0	0:00	0	0:00	0
1788	Year-Round Residence	Non-Participating	317472.80	324504.39	0:00	0	0:00	0	0:00	0
1789	Year-Round Residence	Non-Participating	317435.62	324578.73	0:00	0	0:00	0	0:00	0
1790	Year-Round Residence	Non-Participating	317449.82	324652.68	0:00	0	0:00	0	0:00	0
1791	Year-Round Residence	Non-Participating	317220.56	324832.36	0:00	0	0:00	0	0:00	0
1792	Year-Round Residence	Non-Participating	317425.28	324868.07	0:00	0	0:00	0	0:00	0
1793	Year-Round Residence	Non-Participating	317494.76	324875.37	0:00	0	0:00	0	0:00	0
1794	Year-Round Residence	Non-Participating	317612.39	324867.71	0:00	0	0:00	0	0:00	0
1795	Year-Round Residence	Non-Participating	317751.18	324556.64	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1796	Year-Round Residence	Non-Participating	317938.00	324557.86	0:00	0	0:00	0	0:00	0
1797	Year-Round Residence	Non-Participating	318102.24	324824.90	0:00	0	0:00	0	0:00	0
1799	Year-Round Residence	Non-Participating	318267.87	324872.93	0:00	0	0:00	0	0:00	0
1800	Year-Round Residence	Non-Participating	318275.94	324464.32	0:00	0	0:00	0	0:00	0
1801	Year-Round Residence	Non-Participating	318377.05	324160.62	0:00	0	0:00	0	0:00	0
1802	Year-Round Residence	Non-Participating	318371.58	323909.72	0:00	0	0:00	0	0:00	0
1803	Year-Round Residence	Non-Participating	318280.25	323845.92	0:00	0	0:00	0	0:00	0
1804	Year-Round Residence	Non-Participating	318267.28	325124.24	0:00	0	0:00	0	0:00	0
1805	Year-Round Residence	Non-Participating	318215.04	325331.36	0:00	0	0:00	0	0:00	0
1806	Year-Round Residence	Non-Participating	318176.05	325484.16	0:00	0	0:00	0	0:00	0
1807	Year-Round Residence	Non-Participating	318175.38	325566.65	0:00	0	0:00	0	0:00	0
1808	Year-Round Residence	Non-Participating	318167.38	325617.34	0:00	0	0:00	0	0:00	0
1809	Year-Round Residence	Non-Participating	317952.09	326188.63	31:42	1902	0:00	0	31:42	1902
1810	Year-Round Residence	Non-Participating	317870.98	326376.84	38:57	2337	0:00	0	38:57	2337
1811	Year-Round Residence	Non-Participating	318028.58	326513.05	17:48	1068	0:00	0	17:48	1068
1812	Year-Round Residence	Non-Participating	317861.16	326565.00	32:09	1929	0:00	0	32:09	1929
1813	Year-Round Residence	Non-Participating	317954.94	326603.29	21:07	1267	0:00	0	21:07	1267
1814	Year-Round Residence	Non-Participating	317884.19	326712.01	20:21	1221	0:00	0	20:21	1221
1815	Year-Round Residence	Non-Participating	317784.56	326706.62	25:57	1557	0:00	0	25:57	1557
1816	Year-Round Residence	Non-Participating	317841.36	326803.41	14:06	846	0:00	0	14:06	846
1817	Year-Round Residence	Non-Participating	317775.27	326890.74	14:25	865	0:00	0	14:25	865
1818	Year-Round Residence	Non-Participating	317538.98	326863.36	35:23	2123	0:00	0	35:23	2123
1819	Year-Round Residence	Non-Participating	317637.37	326943.56	22:26	1346	0:00	0	22:26	1346
1820	Year-Round Residence	Non-Participating	317691.66	327012.44	17:19	1039	0:00	0	17:19	1039
1821	Year-Round Residence	Non-Participating	317665.11	327126.93	11:54	714	0:00	0	11:54	714
1822	Year-Round Residence	Non-Participating	317635.65	327185.22	8:25	505	0:00	0	8:25	505
1825	Year-Round Residence	Non-Participating	317579.77	327331.26	9:05	545	0:00	0	9:05	545
1826	Year-Round Residence	Non-Participating	317576.50	327491.43	13:44	824	0:00	0	13:44	824
1827	Year-Round Residence	Non-Participating	317636.48	327508.14	7:32	452	0:00	0	7:32	452
1828	Year-Round Residence	Non-Participating	317633.66	327536.18	14:48	888	0:00	0	14:48	888
1829	Year-Round Residence	Non-Participating	317585.61	327537.21	18:34	1114	0:00	0	18:34	1114
1830	Year-Round Residence	Non-Participating	317523.96	327616.10	29:42	1782	0:00	0	29:42	1782
1831	Year-Round Residence	Non-Participating	317300.80	327256.63	21:38	1298	0:00	0	21:38	1298
1832	Year-Round Residence	Non-Participating	317203.09	327364.27	34:49	2089	0:00	0	34:49	2089
1833	Year-Round Residence	Non-Participating	317149.87	327315.26	34:01	2041	0:00	0	34:01	2041
1834	Year-Round Residence	Non-Participating	317079.85	327285.09	33:44	2024	0:00	0	33:44	2024
1835	Year-Round Residence	Non-Participating	316840.21	327098.10	22:21	1341	0:00	0	22:21	1341
1836	Year-Round Residence	Non-Participating	316933.82	327084.00	33:11	1991	0:00	0	33:11	1991
1837	Year-Round Residence	Non-Participating	316884.39	327047.54	12:44	764	0:00	0	12:44	764
1838	Year-Round Residence	Non-Participating	316826.23	326999.13	18:06	1086	0:00	0	18:06	1086
1840	Year-Round Residence	Non-Participating	316398.61	326657.22	15:06	906	0:00	0	15:06	906
1841	Year-Round Residence	Non-Participating	316265.84	326629.64	11:52	712	0:00	0	11:52	712
1842	Year-Round Residence	Non-Participating	316196.14	326473.24	11:56	716	0:00	0	11:56	716
1843	Year-Round Residence	Non-Participating	316135.62	326486.33	10:29	629	0:00	0	10:29	629
1844	Year-Round Residence	Non-Participating	316097.57	326466.61	9:54	594	0:00	0	9:54	594
1845	Year-Round Residence	Non-Participating	316869.29	327483.59	45:58	2758	0:00	0	45:58	2758
1846	Year-Round Residence	Non-Participating	316867.91	327577.62	51:21	3081	0:00	0	51:21	3081
1847	Year-Round Residence	Non-Participating	316729.64	327608.64	49:52	2992	0:00	0	49:52	2992
1848	Year-Round Residence	Non-Participating	316860.53	327661.08	35:03	2103	0:00	0	35:03	2103
1849	Year-Round Residence	Non-Participating	316800.48	327847.08	12:48	768	0:00	0	12:48	768
1850	Year-Round Residence	Non-Participating	316720.79	327878.23	15:17	917	0:00	0	15:17	917
1851	Year-Round Residence	Non-Participating	316725.04	327941.87	13:10	790	0:00	0	13:10	790
1852	Year-Round Residence	Non-Participating	316797.72	327929.84	11:10	670	0:00	0	11:10	670

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1853	Year-Round Residence	Non-Participating	316791.30	328033.28	9:43	583	0:00	0	9:43	583
1855	Year-Round Residence	Non-Participating	316793.25	328400.12	11:51	711	0:00	0	11:51	711
1856	Year-Round Residence	Non-Participating	316791.15	328458.33	9:57	597	0:00	0	9:57	597
1857	Year-Round Residence	Non-Participating	316791.53	328497.47	8:23	503	0:00	0	8:23	503
1858	Year-Round Residence	Non-Participating	316936.56	328566.79	17:29	1049	0:00	0	17:29	1049
1859	Year-Round Residence	Non-Participating	316784.42	328783.87	6:23	383	0:00	0	6:23	383
1860	Year-Round Residence	Non-Participating	316985.76	329043.34	7:18	438	0:00	0	7:18	438
1861	Year-Round Residence	Non-Participating	316964.17	329117.95	6:48	408	0:00	0	6:48	408
1862	Year-Round Residence	Non-Participating	317027.80	329217.38	7:08	428	0:00	0	7:08	428
1863	Year-Round Residence	Non-Participating	317121.04	329124.55	8:43	523	0:00	0	8:43	523
1864	Year-Round Residence	Non-Participating	317119.50	329207.05	8:12	492	0:00	0	8:12	492
1865	Year-Round Residence	Non-Participating	317149.31	329146.05	8:58	538	0:00	0	8:58	538
1866	Year-Round Residence	Non-Participating	317277.95	329358.71	9:53	593	0:00	0	9:53	593
1867	Year-Round Residence	Non-Participating	317297.54	329233.89	10:56	656	0:00	0	10:56	656
1868	Year-Round Residence	Non-Participating	317365.64	329241.46	12:27	747	0:00	0	12:27	747
1870	Year-Round Residence	Non-Participating	317528.33	329143.42	21:56	1316	0:00	0	21:56	1316
1871	Year-Round Residence	Non-Participating	317729.48	328627.04	26:34	1594	0:00	0	26:34	1594
1872	Year-Round Residence	Non-Participating	317663.68	327687.36	32:52	1972	0:00	0	32:52	1972
1874	Year-Round Residence	Non-Participating	317795.94	327720.97	34:16	2056	0:00	0	34:16	2056
1876	Year-Round Residence	Non-Participating	317788.11	327773.05	42:42	2562	0:00	0	42:42	2562
1877	Year-Round Residence	Non-Participating	317873.20	327868.11	46:25	2785	0:00	0	46:25	2785
1878	Year-Round Residence	Non-Participating	317875.16	327765.14	42:48	2568	0:00	0	42:48	2568
1880	Year-Round Residence	Non-Participating	318181.54	329665.21	12:16	736	0:00	0	12:16	736
1881	Year-Round Residence	Non-Participating	318246.14	329677.09	10:44	644	0:00	0	10:44	644
1882	Year-Round Residence	Non-Participating	318341.11	329689.11	8:28	508	1:16	76	9:42	582
1883	Year-Round Residence	Non-Participating	318451.05	329711.83	6:20	380	1:20	80	7:36	456
1884	Year-Round Residence	Non-Participating	318947.05	329703.38	7:13	433	0:00	0	7:13	433
1885	Year-Round Residence	Non-Participating	319021.18	329701.88	6:08	368	0:00	0	6:08	368
1886	Year-Round Residence	Non-Participating	319089.32	329472.21	12:21	741	0:00	0	12:21	741
1887	Year-Round Residence	Non-Participating	319497.08	329612.15	6:29	389	0:00	0	6:29	389
1888	Year-Round Residence	Non-Participating	319629.55	329510.39	10:02	602	0:00	0	10:02	602
1889	Year-Round Residence	Non-Participating	319725.06	329477.24	10:43	643	0:00	0	10:43	643
1890	Year-Round Residence	Non-Participating	319926.16	329496.33	8:00	480	0:00	0	8:00	480
1891	Year-Round Residence	Non-Participating	320012.36	329120.81	10:17	617	0:00	0	10:17	617
1892	Year-Round Residence	Non-Participating	320033.24	328805.43	15:54	954	0:00	0	15:54	954
1893	Year-Round Residence	Non-Participating	320024.26	328665.82	27:55	1675	0:00	0	27:55	1675
1894	Year-Round Residence	Non-Participating	320027.37	328482.27	22:35	1355	0:00	0	22:35	1355
1895	Year-Round Residence	Non-Participating	319948.26	328511.28	22:12	1332	0:00	0	22:12	1332
1896	Year-Round Residence	Non-Participating	319856.01	328167.37	19:38	1178	0:00	0	19:38	1178
1897	Year-Round Residence	Non-Participating	319792.29	328291.44	26:12	1572	0:00	0	26:12	1572
1898	Year-Round Residence	Non-Participating	319929.38	328013.01	20:12	1212	0:00	0	20:12	1212
1899	Year-Round Residence	Non-Participating	320033.46	327691.83	20:57	1257	0:00	0	20:57	1257
1901	Year-Round Residence	Non-Participating	319781.73	327276.44	13:56	836	0:00	0	13:56	836
1902	Year-Round Residence	Non-Participating	319178.04	327068.60	3:17	197	0:00	0	3:17	197
1903	Year-Round Residence	Non-Participating	318390.70	327291.22	2:01	121	0:00	0	2:01	121
1904	Year-Round Residence	Non-Participating	318411.16	327046.82	3:57	237	0:00	0	3:57	237
1905	Year-Round Residence	Non-Participating	318337.74	327121.60	2:28	148	0:00	0	2:28	148
1906	Year-Round Residence	Non-Participating	318198.61	327257.05	9:41	581	0:00	0	9:41	581
1907	Year-Round Residence	Non-Participating	318148.59	327089.71	3:48	228	0:00	0	3:48	228
1908	Year-Round Residence	Non-Participating	317946.93	327044.15	8:57	537	0:00	0	8:57	537
1909	Year-Round Residence	Non-Participating	317946.40	327282.03	17:08	1028	0:00	0	17:08	1028
1910	Year-Round Residence	Non-Participating	317869.78	327340.63	10:17	617	0:00	0	10:17	617
1911	Year-Round Residence	Non-Participating	317799.76	327315.89	9:48	588	0:00	0	9:48	588

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1912	Year-Round Residence	Non-Participating	317869.60	327226.91	17:48	1068	0:00	0	17:48	1068
1913	Year-Round Residence	Non-Participating	317829.82	327219.15	17:17	1037	0:00	0	17:17	1037
1914	Year-Round Residence	Non-Participating	317756.82	327231.65	7:30	450	0:00	0	7:30	450
1915	Year-Round Residence	Non-Participating	317743.67	327305.40	9:00	540	0:00	0	9:00	540
1916	Year-Round Residence	Non-Participating	317683.63	327237.29	6:20	380	0:00	0	6:20	380
1917	Year-Round Residence	Non-Participating	317707.23	327306.74	3:46	226	0:00	0	3:46	226
1918	Year-Round Residence	Non-Participating	320124.53	329458.58	4:25	265	0:00	0	4:25	265
1919	Year-Round Residence	Non-Participating	320852.22	329384.76	0:00	0	0:00	0	0:00	0
1920	Year-Round Residence	Non-Participating	321019.26	329364.73	0:00	0	0:00	0	0:00	0
1921	Year-Round Residence	Non-Participating	320693.38	329797.81	0:00	0	0:00	0	0:00	0
1922	Year-Round Residence	Non-Participating	320840.02	330064.80	0:00	0	0:00	0	0:00	0
1925	Year-Round Residence	Non-Participating	320502.63	330995.88	0:00	0	0:32	32	0:32	32
1926	Year-Round Residence	Non-Participating	320494.89	331070.28	0:00	0	0:30	30	0:30	30
1927	Year-Round Residence	Non-Participating	320546.04	331069.27	0:00	0	0:00	0	0:00	0
1928	Year-Round Residence	Non-Participating	320656.68	331134.13	0:00	0	0:00	0	0:00	0
1929	Year-Round Residence	Non-Participating	320751.78	331120.19	0:00	0	0:00	0	0:00	0
1930	Year-Round Residence	Non-Participating	320742.55	331178.41	0:00	0	0:00	0	0:00	0
1931	Year-Round Residence	Non-Participating	320738.64	331254.87	0:00	0	0:00	0	0:00	0
1932	Year-Round Residence	Non-Participating	320557.17	331310.52	0:00	0	0:00	0	0:00	0
1933	Year-Round Residence	Non-Participating	320622.74	331391.87	0:00	0	0:00	0	0:00	0
1934	Year-Round Residence	Non-Participating	320505.64	331353.62	0:00	0	0:00	0	0:00	0
1935	Year-Round Residence	Non-Participating	320246.45	331424.44	0:00	0	1:11	71	1:11	71
1936	Year-Round Residence	Non-Participating	320299.96	331389.93	0:00	0	1:06	66	1:06	66
1937	Year-Round Residence	Non-Participating	320362.01	331252.76	0:00	0	1:07	67	1:07	67
1938	Year-Round Residence	Non-Participating	320389.31	331187.74	0:00	0	1:08	68	1:08	68
1939	Year-Round Residence	Non-Participating	320409.70	331132.71	0:00	0	0:33	33	0:33	33
1940	Year-Round Residence	Non-Participating	320100.52	331425.22	0:00	0	1:25	85	1:25	85
1941	Year-Round Residence	Non-Participating	319967.59	331517.94	0:00	0	1:38	98	1:38	98
1942	Year-Round Residence	Non-Participating	319870.45	331486.22	0:00	0	1:58	118	1:58	118
1943	Year-Round Residence	Non-Participating	318954.49	330094.34	2:14	134	0:00	0	2:14	134
1944	Year-Round Residence	Non-Participating	319771.45	331408.73	0:00	0	2:31	151	2:31	151
1945	Year-Round Residence	Non-Participating	319777.39	331483.12	0:00	0	2:15	135	2:15	135
1946	Year-Round Residence	Non-Participating	319627.52	331504.82	0:00	0	2:59	179	2:59	179
1947	Year-Round Residence	Non-Participating	319467.80	331448.89	0:00	0	4:47	287	4:47	287
1948	Year-Round Residence	Non-Participating	319223.49	331298.24	0:00	0	15:00	900	15:00	900
1949	Year-Round Residence	Non-Participating	319301.31	331553.68	0:00	0	3:12	192	3:12	192
1950	Year-Round Residence	Non-Participating	319124.00	331598.92	0:00	0	6:24	384	6:24	384
1952	Year-Round Residence	Non-Participating	320322.13	331755.08	0:00	0	0:25	25	0:25	25
1953	Year-Round Residence	Non-Participating	320234.27	331758.22	0:00	0	0:57	57	0:57	57
1954	Year-Round Residence	Non-Participating	320290.86	331793.82	0:00	0	0:54	54	0:54	54
1955	Year-Round Residence	Non-Participating	320260.54	331835.74	0:00	0	0:57	57	0:57	57
1956	Year-Round Residence	Non-Participating	320182.78	332025.79	0:00	0	0:26	26	0:26	26
1957	Year-Round Residence	Non-Participating	320087.46	331982.84	0:00	0	1:37	97	1:37	97
1958	Year-Round Residence	Non-Participating	319939.94	332260.59	0:00	0	0:01	1	0:01	1
1959	Year-Round Residence	Non-Participating	319955.83	332445.74	0:00	0	0:00	0	0:00	0
1960	Year-Round Residence	Non-Participating	319943.67	332519.92	0:00	0	0:00	0	0:00	0
1961	Year-Round Residence	Non-Participating	319917.99	332725.64	0:00	0	0:00	0	0:00	0
1962	Year-Round Residence	Non-Participating	319680.28	332955.45	0:00	0	0:00	0	0:00	0
1963	Year-Round Residence	Non-Participating	319808.54	333039.04	0:00	0	0:00	0	0:00	0
1964	Year-Round Residence	Non-Participating	319754.04	333233.44	0:00	0	0:00	0	0:00	0
1965	Year-Round Residence	Non-Participating	321044.74	331018.96	0:00	0	0:00	0	0:00	0
1966	Year-Round Residence	Non-Participating	321110.27	330698.26	0:00	0	0:00	0	0:00	0
1967	Year-Round Residence	Non-Participating	321062.15	329291.96	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1968	Year-Round Residence	Non-Participating	321604.79	329490.49	0:00	0	0:00	0	0:00	0
1969	Year-Round Residence	Non-Participating	321991.65	329235.55	0:00	0	0:00	0	0:00	0
1970	Year-Round Residence	Non-Participating	322095.64	329270.80	0:00	0	0:00	0	0:00	0
1971	Year-Round Residence	Non-Participating	322345.93	329324.04	0:00	0	0:00	0	0:00	0
1973	Year-Round Residence	Non-Participating	323140.55	329331.31	0:00	0	0:00	0	0:00	0
1974	Year-Round Residence	Non-Participating	322337.86	330609.00	0:00	0	0:00	0	0:00	0
1975	Year-Round Residence	Non-Participating	322438.15	330529.46	0:00	0	0:00	0	0:00	0
1976	Year-Round Residence	Non-Participating	322830.42	330295.43	0:00	0	0:00	0	0:00	0
1977	Year-Round Residence	Non-Participating	322911.46	330240.03	0:00	0	0:00	0	0:00	0
1978	Year-Round Residence	Non-Participating	322402.91	331347.48	0:00	0	0:00	0	0:00	0
1979	Year-Round Residence	Non-Participating	322646.48	330806.88	0:00	0	0:00	0	0:00	0
1980	Year-Round Residence	Non-Participating	322971.22	330121.00	0:00	0	0:00	0	0:00	0
1981	Year-Round Residence	Non-Participating	322990.60	330073.44	0:00	0	0:00	0	0:00	0
1982	Year-Round Residence	Non-Participating	323046.33	330107.88	0:00	0	0:00	0	0:00	0
1983	Year-Round Residence	Non-Participating	323013.22	330038.99	0:00	0	0:00	0	0:00	0
1984	Year-Round Residence	Non-Participating	323089.43	330007.66	0:00	0	0:00	0	0:00	0
1985	Year-Round Residence	Non-Participating	323038.98	329893.28	0:00	0	0:00	0	0:00	0
1986	Year-Round Residence	Non-Participating	323048.63	329831.63	0:00	0	0:00	0	0:00	0
1988	Year-Round Residence	Non-Participating	323044.55	329788.37	0:00	0	0:00	0	0:00	0
1989	Year-Round Residence	Non-Participating	323098.51	329777.92	0:00	0	0:00	0	0:00	0
1990	Year-Round Residence	Non-Participating	323098.81	329800.61	0:00	0	0:00	0	0:00	0
1991	Year-Round Residence	Non-Participating	323098.93	329757.70	0:00	0	0:00	0	0:00	0
1992	Year-Round Residence	Non-Participating	323098.62	329734.54	0:00	0	0:00	0	0:00	0
1993	Year-Round Residence	Non-Participating	323057.16	329698.73	0:00	0	0:00	0	0:00	0
1994	Year-Round Residence	Non-Participating	323097.45	329706.61	0:00	0	0:00	0	0:00	0
1995	Year-Round Residence	Non-Participating	323061.52	329676.64	0:00	0	0:00	0	0:00	0
1996	Year-Round Residence	Non-Participating	323001.07	329692.19	0:00	0	0:00	0	0:00	0
1997	Year-Round Residence	Non-Participating	323168.84	329641.36	0:00	0	0:00	0	0:00	0
1998	Year-Round Residence	Non-Participating	323204.77	329680.98	0:00	0	0:00	0	0:00	0
1999	Year-Round Residence	Non-Participating	323285.01	329649.34	0:00	0	0:00	0	0:00	0
2000	Year-Round Residence	Non-Participating	323343.99	329646.16	0:00	0	0:00	0	0:00	0
2001	Year-Round Residence	Non-Participating	323446.26	329798.06	0:00	0	0:00	0	0:00	0
2002	Year-Round Residence	Non-Participating	323436.28	329699.95	0:00	0	0:00	0	0:00	0
2003	Year-Round Residence	Non-Participating	323520.97	329667.54	0:00	0	0:00	0	0:00	0
2004	Year-Round Residence	Non-Participating	323551.24	329660.41	0:00	0	0:00	0	0:00	0
2005	Year-Round Residence	Non-Participating	323552.56	329729.38	0:00	0	0:00	0	0:00	0
2006	Year-Round Residence	Non-Participating	323661.47	329732.64	0:00	0	0:00	0	0:00	0
2007	Year-Round Residence	Non-Participating	323541.12	329747.38	0:00	0	0:00	0	0:00	0
2008	Year-Round Residence	Non-Participating	323502.81	329730.28	0:00	0	0:00	0	0:00	0
2009	Year-Round Residence	Non-Participating	323489.94	329752.11	0:00	0	0:00	0	0:00	0
2010	Year-Round Residence	Non-Participating	323478.29	329763.67	0:00	0	0:00	0	0:00	0
2011	Year-Round Residence	Non-Participating	323521.54	329793.36	0:00	0	0:00	0	0:00	0
2012	Year-Round Residence	Non-Participating	323480.35	329837.11	0:00	0	0:00	0	0:00	0
2013	Year-Round Residence	Non-Participating	323429.46	329815.68	0:00	0	0:00	0	0:00	0
2014	Year-Round Residence	Non-Participating	323471.50	329852.79	0:00	0	0:00	0	0:00	0
2015	Year-Round Residence	Non-Participating	323455.62	329869.03	0:00	0	0:00	0	0:00	0
2016	Year-Round Residence	Non-Participating	323388.92	329877.26	0:00	0	0:00	0	0:00	0
2018	Year-Round Residence	Non-Participating	323327.39	329873.39	0:00	0	0:00	0	0:00	0
2019	Year-Round Residence	Non-Participating	323305.54	329869.32	0:00	0	0:00	0	0:00	0
2020	Year-Round Residence	Non-Participating	323271.91	329862.88	0:00	0	0:00	0	0:00	0
2021	Year-Round Residence	Non-Participating	323235.82	329860.65	0:00	0	0:00	0	0:00	0
2022	Year-Round Residence	Non-Participating	323212.27	329863.13	0:00	0	0:00	0	0:00	0
2023	Year-Round Residence	Non-Participating	323188.25	329861.84	0:00	0	0:00	0	0:00	0



Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID (Residential and Non-Participating Receptors)

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
2024	Year-Round Residence	Non-Participating	323169.33	329859.30	0:00	0	0:00	0	0:00	0
2026	Year-Round Residence	Non-Participating	323129.00	329851.50	0:00	0	0:00	0	0:00	0
2027	Year-Round Residence	Non-Participating	323195.85	330142.86	0:00	0	0:00	0	0:00	0
2028	Year-Round Residence	Non-Participating	323192.23	329944.48	0:00	0	0:00	0	0:00	0
2029	Year-Round Residence	Non-Participating	323250.42	329945.42	0:00	0	0:00	0	0:00	0
2030	Year-Round Residence	Non-Participating	323361.84	329958.33	0:00	0	0:00	0	0:00	0
2031	Year-Round Residence	Non-Participating	323377.10	329960.54	0:00	0	0:00	0	0:00	0
2032	Year-Round Residence	Non-Participating	323423.11	329981.99	0:00	0	0:00	0	0:00	0
2033	Year-Round Residence	Non-Participating	323450.27	329972.73	0:00	0	0:00	0	0:00	0
2034	Year-Round Residence	Non-Participating	323448.22	330009.65	0:00	0	0:00	0	0:00	0
2036	Year-Round Residence	Non-Participating	323461.82	330091.10	0:00	0	0:00	0	0:00	0
2037	Year-Round Residence	Non-Participating	323514.46	330105.31	0:00	0	0:00	0	0:00	0
2038	Year-Round Residence	Non-Participating	323840.31	330051.41	0:00	0	0:00	0	0:00	0
2039	Year-Round Residence	Non-Participating	323976.39	329712.62	0:00	0	0:00	0	0:00	0
2040	Year-Round Residence	Non-Participating	324094.69	329705.97	0:00	0	0:00	0	0:00	0
2041	Year-Round Residence	Non-Participating	324508.72	329582.97	0:00	0	0:00	0	0:00	0
2042	Year-Round Residence	Non-Participating	325662.81	328685.59	0:00	0	0:00	0	0:00	0
2043	Year-Round Residence	Non-Participating	325637.47	328582.74	0:00	0	0:00	0	0:00	0
2044	Year-Round Residence	Non-Participating	323606.55	329565.65	0:00	0	0:00	0	0:00	0
2045	Year-Round Residence	Non-Participating	323750.82	329486.04	0:00	0	0:00	0	0:00	0
2046	Year-Round Residence	Non-Participating	323785.51	329427.18	0:00	0	0:00	0	0:00	0
2047	Year-Round Residence	Non-Participating	323726.91	329400.83	0:00	0	0:00	0	0:00	0
2048	Year-Round Residence	Non-Participating	323854.12	329321.57	0:00	0	0:00	0	0:00	0
2049	Year-Round Residence	Non-Participating	323930.17	329231.44	0:00	0	0:00	0	0:00	0
2050	Year-Round Residence	Non-Participating	324042.19	328949.93	0:00	0	0:00	0	0:00	0
2051	Year-Round Residence	Non-Participating	324169.58	328941.98	0:00	0	0:00	0	0:00	0
2052	Year-Round Residence	Non-Participating	324146.40	328860.65	0:00	0	0:00	0	0:00	0
2053	Year-Round Residence	Non-Participating	324682.51	328443.76	0:00	0	0:00	0	0:00	0
2054	Year-Round Residence	Non-Participating	324061.24	328138.99	0:00	0	0:00	0	0:00	0
2055	Year-Round Residence	Non-Participating	323948.76	328147.07	0:00	0	0:00	0	0:00	0
2056	Year-Round Residence	Non-Participating	323899.57	328071.17	0:00	0	0:00	0	0:00	0
2057	Year-Round Residence	Non-Participating	323839.41	328147.27	0:00	0	0:00	0	0:00	0
2058	Year-Round Residence	Non-Participating	323658.96	328113.73	0:00	0	0:00	0	0:00	0
2059	Year-Round Residence	Non-Participating	323694.86	328049.76	0:00	0	0:00	0	0:00	0
2060	Year-Round Residence	Non-Participating	323584.06	327984.86	0:00	0	0:00	0	0:00	0
2061	Year-Round Residence	Non-Participating	323457.51	328049.05	0:00	0	0:00	0	0:00	0
2062	Year-Round Residence	Non-Participating	323401.85	328034.31	0:00	0	0:00	0	0:00	0
2063	Year-Round Residence	Non-Participating	323383.12	328259.19	0:00	0	0:00	0	0:00	0
2064	Year-Round Residence	Non-Participating	323407.67	328178.71	0:00	0	0:00	0	0:00	0
2065	Year-Round Residence	Non-Participating	323334.22	328172.95	0:00	0	0:00	0	0:00	0
2066	Year-Round Residence	Non-Participating	323255.59	328317.30	0:00	0	0:00	0	0:00	0
2067	Year-Round Residence	Non-Participating	323367.72	328105.58	0:00	0	0:00	0	0:00	0
2068	Year-Round Residence	Non-Participating	323348.86	328314.75	0:00	0	0:00	0	0:00	0
2069	Year-Round Residence	Non-Participating	323365.81	328452.78	0:00	0	0:00	0	0:00	0
2071	Year-Round Residence	Non-Participating	323074.41	328800.53	0:00	0	0:00	0	0:00	0
2072	Year-Round Residence	Non-Participating	323018.19	329333.57	0:00	0	0:00	0	0:00	0
2073	Year-Round Residence	Non-Participating	323126.84	328452.34	0:00	0	0:00	0	0:00	0
2074	Year-Round Residence	Non-Participating	323083.97	328367.94	0:00	0	0:00	0	0:00	0
2075	Year-Round Residence	Non-Participating	322991.47	328245.18	0:00	0	0:00	0	0:00	0
2076	Year-Round Residence	Non-Participating	322768.02	328103.89	0:00	0	0:00	0	0:00	0
2077	Year-Round Residence	Non-Participating	322467.02	327568.43	2:03	123	0:00	0	2:03	123
2078	Year-Round Residence	Non-Participating	322707.64	327206.33	19:39	1179	0:00	0	19:39	1179
2079	Year-Round Residence	Non-Participating	322777.42	327105.61	21:11	1271	0:00	0	21:11	1271

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
2080	Year-Round Residence	Non-Participating	322496.52	327052.38	19:37	1177	0:00	0	19:37	1177
2081	Year-Round Residence	Non-Participating	322573.49	326898.05	19:49	1189	0:00	0	19:49	1189
2082	Year-Round Residence	Non-Participating	322567.06	326840.98	21:12	1272	0:00	0	21:12	1272
2084	Year-Round Residence	Non-Participating	322592.59	326689.96	32:57	1977	0:00	0	32:57	1977
2085	Year-Round Residence	Non-Participating	322612.52	326636.84	39:09	2349	0:00	0	39:09	2349
2087	Year-Round Residence	Non-Participating	320969.30	328928.06	0:00	0	0:00	0	0:00	0
2088	Year-Round Residence	Non-Participating	320913.27	328673.84	0:00	0	0:00	0	0:00	0
2089	Year-Round Residence	Non-Participating	320917.43	328713.54	0:00	0	0:00	0	0:00	0
2090	Year-Round Residence	Non-Participating	321018.22	328480.66	0:00	0	0:00	0	0:00	0
2091	Year-Round Residence	Non-Participating	320734.52	328209.08	2:14	134	0:00	0	2:14	134
2092	Year-Round Residence	Non-Participating	320863.84	327734.75	0:00	0	0:00	0	0:00	0
2093	Year-Round Residence	Non-Participating	320865.80	327648.28	1:00	60	0:00	0	1:00	60
2094	Year-Round Residence	Non-Participating	320911.57	327443.86	13:02	782	0:00	0	13:02	782
2095	Year-Round Residence	Non-Participating	321231.57	327396.28	7:56	476	0:00	0	7:56	476
2096	Year-Round Residence	Non-Participating	321281.06	327432.34	5:12	312	0:00	0	5:12	312
2097	Year-Round Residence	Non-Participating	321305.49	327439.75	4:22	262	0:00	0	4:22	262
2098	Year-Round Residence	Non-Participating	321472.45	327560.64	2:25	145	0:00	0	2:25	145
2099	Year-Round Residence	Non-Participating	321845.99	327638.43	0:00	0	0:00	0	0:00	0
2100	Year-Round Residence	Non-Participating	321663.33	327576.76	0:00	0	0:00	0	0:00	0
2101	Year-Round Residence	Non-Participating	321949.54	327582.40	0:00	0	0:00	0	0:00	0
2103	Year-Round Residence	Non-Participating	321101.11	327013.69	19:48	1188	0:00	0	19:48	1188
2105	Year-Round Residence	Non-Participating	321022.08	326632.06	30:23	1823	0:00	0	30:23	1823
2106	Year-Round Residence	Non-Participating	321088.81	326528.24	37:27	2247	0:00	0	37:27	2247
2108	Year-Round Residence	Non-Participating	321029.12	326173.07	22:52	1372	0:00	0	22:52	1372
2109	Year-Round Residence	Non-Participating	321023.32	326056.07	13:39	819	0:00	0	13:39	819
2110	Year-Round Residence	Non-Participating	321235.28	325875.73	17:15	1035	0:00	0	17:15	1035
2111	Year-Round Residence	Non-Participating	320566.39	326039.10	25:43	1543	0:00	0	25:43	1543
2112	Year-Round Residence	Non-Participating	320670.77	325947.15	28:25	1705	0:00	0	28:25	1705
2113	Year-Round Residence	Non-Participating	320801.03	326107.49	23:29	1409	0:00	0	23:29	1409
2114	Year-Round Residence	Non-Participating	320855.37	326109.39	23:23	1403	0:00	0	23:23	1403
2116	Year-Round Residence	Non-Participating	321181.58	325502.12	5:41	341	0:00	0	5:41	341
2117	Year-Round Residence	Non-Participating	321494.75	325447.42	0:00	0	0:00	0	0:00	0
2118	Year-Round Residence	Non-Participating	322261.33	325265.68	0:00	0	0:00	0	0:00	0
2119	Year-Round Residence	Non-Participating	320754.16	325409.48	12:05	725	0:00	0	12:05	725
2120	Year-Round Residence	Non-Participating	320611.79	325266.40	2:35	155	0:00	0	2:35	155
2121	Year-Round Residence	Non-Participating	320235.73	325197.65	0:00	0	0:00	0	0:00	0
2122	Year-Round Residence	Non-Participating	320001.27	325159.85	0:00	0	0:00	0	0:00	0
2124	Year-Round Residence	Non-Participating	319855.37	324982.19	0:00	0	0:00	0	0:00	0
2125	Year-Round Residence	Non-Participating	319793.27	325065.57	0:00	0	0:00	0	0:00	0
2126	Year-Round Residence	Non-Participating	319599.34	324648.18	0:00	0	0:00	0	0:00	0
2127	Year-Round Residence	Non-Participating	319354.71	325044.13	0:00	0	0:00	0	0:00	0
2128	Year-Round Residence	Non-Participating	319139.67	325009.96	0:00	0	0:00	0	0:00	0
2129	Year-Round Residence	Non-Participating	319033.08	325020.70	0:00	0	0:00	0	0:00	0
2130	Year-Round Residence	Non-Participating	318739.64	325178.02	0:00	0	0:00	0	0:00	0
2131	Year-Round Residence	Non-Participating	318427.18	323649.23	0:00	0	0:00	0	0:00	0
2132	Year-Round Residence	Non-Participating	318538.37	323819.18	0:00	0	0:00	0	0:00	0
2133	Year-Round Residence	Non-Participating	319953.76	323718.65	0:00	0	0:00	0	0:00	0
2134	Year-Round Residence	Non-Participating	320119.88	323794.81	0:00	0	0:00	0	0:00	0
2135	Year-Round Residence	Non-Participating	320487.89	323811.67	0:00	0	0:00	0	0:00	0
2136	Year-Round Residence	Non-Participating	320499.59	323707.41	0:00	0	0:00	0	0:00	0
2137	Year-Round Residence	Non-Participating	320588.73	323829.73	5:50	350	0:00	0	5:50	350
2138	Year-Round Residence	Non-Participating	320634.31	323597.91	0:00	0	0:00	0	0:00	0
2139	Year-Round Residence	Non-Participating	320652.32	323847.65	5:15	315	0:00	0	5:15	315

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
2140	Year-Round Residence	Non-Participating	320714.19	323721.22	0:00	0	0:00	0	0:00	0
2141	Year-Round Residence	Non-Participating	320807.77	323957.87	7:52	472	0:00	0	7:52	472
2142	Year-Round Residence	Non-Participating	320951.10	323740.62	0:00	0	0:00	0	0:00	0
2143	Year-Round Residence	Non-Participating	321128.20	323846.61	0:00	0	0:00	0	0:00	0
2144	Year-Round Residence	Non-Participating	321236.64	323755.62	0:00	0	0:00	0	0:00	0
2147	Year-Round Residence	Non-Participating	321244.65	324691.59	12:43	763	0:00	0	12:43	763
2148	Year-Round Residence	Non-Participating	321289.82	324758.55	13:06	786	0:00	0	13:06	786
2149	Year-Round Residence	Non-Participating	321216.36	325253.60	5:59	359	0:00	0	5:59	359
2150	Year-Round Residence	Non-Participating	318961.48	322595.58	0:00	0	0:00	0	0:00	0
2151	Year-Round Residence	Non-Participating	319107.37	322596.03	0:00	0	0:00	0	0:00	0
2152	Year-Round Residence	Non-Participating	319131.72	322744.88	0:00	0	0:00	0	0:00	0
2153	Year-Round Residence	Non-Participating	319431.50	322697.62	0:00	0	0:00	0	0:00	0
2154	Year-Round Residence	Non-Participating	319500.43	322629.84	0:00	0	0:00	0	0:00	0
2155	Year-Round Residence	Non-Participating	319492.20	322508.22	0:00	0	0:00	0	0:00	0
2156	Year-Round Residence	Non-Participating	319675.98	322626.26	0:00	0	0:00	0	0:00	0
2157	Year-Round Residence	Non-Participating	319723.26	322575.18	0:00	0	0:00	0	0:00	0
2158	Year-Round Residence	Non-Participating	319862.71	322633.13	0:00	0	0:00	0	0:00	0
2159	Year-Round Residence	Non-Participating	320013.02	322705.20	0:00	0	0:00	0	0:00	0
2160	Year-Round Residence	Non-Participating	320133.34	322561.27	0:00	0	0:00	0	0:00	0
2161	Year-Round Residence	Non-Participating	320108.93	322456.92	0:00	0	0:00	0	0:00	0
2162	Year-Round Residence	Non-Participating	320278.12	322230.53	0:00	0	0:00	0	0:00	0
2163	Year-Round Residence	Non-Participating	320072.06	322107.50	0:00	0	0:00	0	0:00	0
2164	Year-Round Residence	Non-Participating	320128.77	321873.81	0:00	0	0:00	0	0:00	0
2165	Year-Round Residence	Non-Participating	320198.12	321872.89	0:00	0	0:00	0	0:00	0
2166	Year-Round Residence	Non-Participating	320646.36	322406.37	0:00	0	0:00	0	0:00	0
2167	Year-Round Residence	Non-Participating	320688.55	322405.73	0:00	0	0:00	0	0:00	0
2168	Year-Round Residence	Non-Participating	320865.18	322476.96	0:00	0	0:00	0	0:00	0
2169	Year-Round Residence	Non-Participating	320871.34	322333.98	0:00	0	0:00	0	0:00	0
2170	Year-Round Residence	Non-Participating	321008.19	322520.21	0:00	0	0:00	0	0:00	0
2171	Year-Round Residence	Non-Participating	321036.45	322623.33	0:00	0	0:00	0	0:00	0
2172	Year-Round Residence	Non-Participating	321196.77	322674.85	0:00	0	0:00	0	0:00	0
2173	Year-Round Residence	Non-Participating	321332.24	323205.30	0:00	0	0:00	0	0:00	0
2174	Year-Round Residence	Non-Participating	321273.03	323611.33	0:00	0	0:00	0	0:00	0
2175	Year-Round Residence	Non-Participating	321330.49	323663.55	0:00	0	0:00	0	0:00	0
2176	Year-Round Residence	Non-Participating	321266.37	323695.12	0:00	0	0:00	0	0:00	0
2177	Year-Round Residence	Non-Participating	321332.01	323690.66	0:00	0	0:00	0	0:00	0
2178	Year-Round Residence	Non-Participating	321326.62	323721.44	0:00	0	0:00	0	0:00	0
2179	Year-Round Residence	Non-Participating	321331.28	323755.26	0:00	0	0:00	0	0:00	0
2180	Year-Round Residence	Non-Participating	321392.43	323805.81	0:00	0	0:00	0	0:00	0
2181	Year-Round Residence	Non-Participating	321457.24	323895.86	0:00	0	0:00	0	0:00	0
2182	Year-Round Residence	Non-Participating	321481.47	323815.21	0:00	0	0:00	0	0:00	0
2183	Year-Round Residence	Non-Participating	321550.16	323819.68	0:00	0	0:00	0	0:00	0
2184	Year-Round Residence	Non-Participating	321797.10	323858.39	1:56	116	0:00	0	1:56	116
2185	Year-Round Residence	Non-Participating	322317.09	323793.43	5:51	351	0:00	0	5:51	351
2186	Year-Round Residence	Non-Participating	322299.17	323692.72	5:57	357	0:00	0	5:57	357
2187	Year-Round Residence	Non-Participating	322289.02	323632.63	5:57	357	0:00	0	5:57	357
2188	Year-Round Residence	Non-Participating	322498.93	323685.05	11:29	689	0:00	0	11:29	689
2190	Year-Round Residence	Non-Participating	322237.95	323370.69	8:13	493	0:00	0	8:13	493
2191	Year-Round Residence	Non-Participating	322306.56	322793.17	0:00	0	0:00	0	0:00	0
2192	Year-Round Residence	Non-Participating	321645.38	322762.48	0:00	0	0:00	0	0:00	0
2193	Year-Round Residence	Non-Participating	321506.29	322752.90	0:00	0	0:00	0	0:00	0
2194	Year-Round Residence	Non-Participating	321399.49	322715.29	0:00	0	0:00	0	0:00	0
2195	Year-Round Residence	Non-Participating	321428.38	322675.44	0:00	0	0:00	0	0:00	0

Table D-1.a: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
2196	Year-Round Residence	Non-Participating	322414.03	321457.55	0:00	0	0:00	0	0:00	0
2197	Year-Round Residence	Non-Participating	322337.39	321291.48	0:00	0	0:00	0	0:00	0
2198	Year-Round Residence	Non-Participating	322350.12	321149.07	0:00	0	0:00	0	0:00	0
2199	Year-Round Residence	Non-Participating	322375.72	320848.19	0:00	0	0:00	0	0:00	0
2200	Year-Round Residence	Non-Participating	322499.02	320616.23	0:00	0	0:00	0	0:00	0
2201	Year-Round Residence	Non-Participating	322801.07	320586.67	0:00	0	0:00	0	0:00	0
2202	Year-Round Residence	Non-Participating	323045.34	320704.79	0:00	0	0:00	0	0:00	0
2203	Year-Round Residence	Non-Participating	323233.08	320282.05	0:00	0	0:00	0	0:00	0
2204	Year-Round Residence	Non-Participating	323624.44	320853.85	0:00	0	0:00	0	0:00	0
2210	Year-Round Residence	Non-Participating	322830.49	320670.86	0:00	0	0:00	0	0:00	0
2272	Year-Round Residence	Non-Participating	322393.92	321271.49	0:00	0	0:00	0	0:00	0
2273	Seasonal Residence	Non-Participating	323228.81	320305.64	0:00	0	0:00	0	0:00	0
2278	Year-Round Residence	Non-Participating	322400.69	321167.43	0:00	0	0:00	0	0:00	0
2282	Year-Round Residence	Non-Participating	315427.17	323244.21	0:00	0	0:00	0	0:00	0
2285	Year-Round Residence	Non-Participating	321281.75	323344.86	0:00	0	0:00	0	0:00	0
2288	Year-Round Residence	Non-Participating	317714.28	323769.99	0:00	0	0:00	0	0:00	0
2289	Year-Round Residence	Non-Participating	315802.63	325088.17	0:00	0	0:00	0	0:00	0
2290	Year-Round Residence	Non-Participating	316680.98	324109.55	0:00	0	0:00	0	0:00	0
2294	Year-Round Residence	Non-Participating	320793.90	328512.24	0:00	0	0:00	0	0:00	0
2295	Year-Round Residence	Non-Participating	319964.32	329432.95	6:13	373	0:00	0	6:13	373
2296	Year-Round Residence	Non-Participating	320015.01	329237.79	9:38	578	0:00	0	9:38	578
2297	Year-Round Residence	Non-Participating	319023.18	326977.46	2:00	120	0:00	0	2:00	120
2298	Year-Round Residence	Non-Participating	323840.75	329758.79	0:00	0	0:00	0	0:00	0
2300	Year-Round Residence	Non-Participating	314994.79	328708.63	4:39	279	0:00	0	4:39	279
2301	Year-Round Residence	Non-Participating	319061.13	333208.12	0:00	0	0:00	0	0:00	0
2302	Year-Round Residence	Non-Participating	317634.41	333444.75	0:00	0	0:00	0	0:00	0
2304	Year-Round Residence	Non-Participating	316723.50	330023.82	0:00	0	0:00	0	0:00	0
2306	Year-Round Residence	Non-Participating	313880.70	327015.38	0:00	0	0:00	0	0:00	0
2307	Year-Round Residence	Non-Participating	315008.18	329053.93	0:00	0	0:00	0	0:00	0
2308	Year-Round Residence	Non-Participating	315007.78	330770.16	0:00	0	0:45	45	0:45	45
2310	Year-Round Residence	Non-Participating	313500.02	328731.95	0:00	0	0:00	0	0:00	0
2311	Year-Round Residence	Non-Participating	315619.09	332050.39	0:00	0	5:05	305	5:05	305
2312	Year-Round Residence	Non-Participating	317322.62	327370.68	23:56	1436	0:00	0	23:56	1436
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0	0:00	0
2325	Year-Round Residence	Non-Participating	315598.28	326588.23	2:39	159	0:00	0	2:39	159
2326	Year-Round Residence	Non-Participating	315628.98	326631.08	2:40	160	0:00	0	2:40	160
2327	Year-Round Residence	Non-Participating	315708.22	326612.24	3:00	180	0:00	0	3:00	180
2333	Year-Round Residence	Non-Participating	320170.47	329386.57	4:24	264	0:00	0	4:24	264
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Residential Receptors										
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	61:28	3688	0:00	0	61:28	3688
1	Year-Round Residence	Non-Participating	325840.23	321460.84	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	61:28	3688	0:00	0	61:28	3688
1846	Year-Round Residence	Non-Participating	316867.91	327577.62	51:21	3081	0:00	0	51:21	3081
1847	Year-Round Residence	Non-Participating	316729.64	327608.64	49:52	2992	0:00	0	49:52	2992
699	Year-Round Residence	Non-Participating	324594.92	324913.88	47:34	2854	0:00	0	47:34	2854
1877	Year-Round Residence	Non-Participating	317873.20	327868.11	46:25	2785	0:00	0	46:25	2785
1845	Year-Round Residence	Non-Participating	316869.29	327483.59	45:58	2758	0:00	0	45:58	2758
1878	Year-Round Residence	Non-Participating	317875.16	327765.14	42:48	2568	0:00	0	42:48	2568
1876	Year-Round Residence	Non-Participating	317788.11	327773.05	42:42	2562	0:00	0	42:42	2562
2085	Year-Round Residence	Non-Participating	322612.52	326636.84	39:09	2349	0:00	0	39:09	2349
1810	Year-Round Residence	Non-Participating	317870.98	326376.84	38:57	2337	0:00	0	38:57	2337
454	Year-Round Residence	Non-Participating	322770.63	323572.25	37:47	2267	0:00	0	37:47	2267
2106	Year-Round Residence	Non-Participating	321088.81	326528.24	37:27	2247	0:00	0	37:27	2247
700	Year-Round Residence	Non-Participating	324831.93	324371.68	36:19	2179	0:00	0	36:19	2179
1818	Year-Round Residence	Non-Participating	317538.98	326863.36	35:23	2123	0:00	0	35:23	2123
1848	Year-Round Residence	Non-Participating	316860.53	327661.08	35:03	2103	0:00	0	35:03	2103
1832	Year-Round Residence	Non-Participating	317203.09	327364.27	34:49	2089	0:00	0	34:49	2089
692	Year-Round Residence	Non-Participating	323917.32	326574.41	34:48	2088	0:00	0	34:48	2088
1874	Year-Round Residence	Non-Participating	317795.94	327720.97	34:16	2056	0:00	0	34:16	2056
1833	Year-Round Residence	Non-Participating	317149.87	327315.26	34:01	2041	0:00	0	34:01	2041
1834	Year-Round Residence	Non-Participating	317079.85	327285.09	33:44	2024	0:00	0	33:44	2024
1836	Year-Round Residence	Non-Participating	316933.82	327084.00	33:11	1991	0:00	0	33:11	1991
2084	Year-Round Residence	Non-Participating	322592.59	326689.96	32:57	1977	0:00	0	32:57	1977
1872	Year-Round Residence	Non-Participating	317663.68	327687.36	32:52	1972	0:00	0	32:52	1972
1812	Year-Round Residence	Non-Participating	317861.16	326565.00	32:09	1929	0:00	0	32:09	1929
553	Year-Round Residence	Non-Participating	327187.08	325373.13	31:52	1912	0:00	0	31:52	1912
1809	Year-Round Residence	Non-Participating	317952.09	326188.63	31:42	1902	0:00	0	31:42	1902
2105	Year-Round Residence	Non-Participating	321022.08	326632.06	30:23	1823	0:00	0	30:23	1823
1830	Year-Round Residence	Non-Participating	317523.96	327616.10	29:42	1782	0:00	0	29:42	1782
455	Year-Round Residence	Non-Participating	322644.45	323527.32	29:08	1748	0:00	0	29:08	1748
2112	Year-Round Residence	Non-Participating	320670.77	325947.15	28:25	1705	0:00	0	28:25	1705
1893	Year-Round Residence	Non-Participating	320024.26	328665.82	27:55	1675	0:00	0	27:55	1675
708	Year-Round Residence	Non-Participating	323690.28	324591.21	27:47	1667	0:00	0	27:47	1667
693	Year-Round Residence	Non-Participating	323939.22	326503.06	27:39	1659	0:00	0	27:39	1659
706	Year-Round Residence	Non-Participating	323320.03	324905.64	27:31	1651	0:00	0	27:31	1651
1871	Year-Round Residence	Non-Participating	317729.48	328627.04	26:34	1594	0:00	0	26:34	1594
1897	Year-Round Residence	Non-Participating	319792.29	328291.44	26:12	1572	0:00	0	26:12	1572
1815	Year-Round Residence	Non-Participating	317784.56	326706.62	25:57	1557	0:00	0	25:57	1557
2111	Year-Round Residence	Non-Participating	320566.39	326039.10	25:43	1543	0:00	0	25:43	1543
1628	Year-Round Residence	Non-Participating	315299.06	327572.50	25:36	1536	0:00	0	25:36	1536
703	Year-Round Residence	Non-Participating	322846.05	326170.30	24:07	1447	0:00	0	24:07	1447
2312	Year-Round Residence	Non-Participating	317322.62	327370.68	23:56	1436	0:00	0	23:56	1436
541	Year-Round Residence	Non-Participating	326962.47	323754.45	23:36	1416	0:00	0	23:36	1416
2113	Year-Round Residence	Non-Participating	320801.03	326107.49	23:29	1409	0:00	0	23:29	1409
2114	Year-Round Residence	Non-Participating	320855.37	326109.39	23:23	1403	0:00	0	23:23	1403
2108	Year-Round Residence	Non-Participating	321029.12	326173.07	22:52	1372	0:00	0	22:52	1372
1894	Year-Round Residence	Non-Participating	320027.37	328482.27	22:35	1355	0:00	0	22:35	1355
1819	Year-Round Residence	Non-Participating	317637.37	326943.56	22:26	1346	0:00	0	22:26	1346
1835	Year-Round Residence	Non-Participating	316840.21	327098.10	22:21	1341	0:00	0	22:21	1341
542	Year-Round Residence	Non-Participating	326946.82	323784.39	22:15	1335	0:00	0	22:15	1335
1895	Year-Round Residence	Non-Participating	319948.26	328511.28	22:12	1332	0:00	0	22:12	1332
709	Year-Round Residence	Non-Participating	323599.59	324540.28	22:09	1329	0:00	0	22:09	1329
1870	Year-Round Residence	Non-Participating	317528.33	329143.42	21:56	1316	0:00	0	21:56	1316
1831	Year-Round Residence	Non-Participating	317300.80	327256.63	21:38	1298	0:00	0	21:38	1298

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) &amp; Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
704	Year-Round Residence	Non-Participating	322857.95	326139.50	21:28	1288	0:00	0	21:28	1288
2082	Year-Round Residence	Non-Participating	322567.06	326840.98	21:12	1272	0:00	0	21:12	1272
2079	Year-Round Residence	Non-Participating	322777.42	327105.61	21:11	1271	0:00	0	21:11	1271
1813	Year-Round Residence	Non-Participating	317954.94	326603.29	21:07	1267	0:00	0	21:07	1267
1899	Year-Round Residence	Non-Participating	320033.46	327691.83	20:57	1257	0:00	0	20:57	1257
1814	Year-Round Residence	Non-Participating	317884.19	326712.01	20:21	1221	0:00	0	20:21	1221
552	Year-Round Residence	Non-Participating	326755.39	325346.80	20:15	1215	0:00	0	20:15	1215
1898	Year-Round Residence	Non-Participating	319929.38	328013.01	20:12	1212	0:00	0	20:12	1212
2081	Year-Round Residence	Non-Participating	322573.49	326898.05	19:49	1189	0:00	0	19:49	1189
2103	Year-Round Residence	Non-Participating	321101.11	327013.69	19:48	1188	0:00	0	19:48	1188
540	Year-Round Residence	Non-Participating	327012.42	323661.50	19:46	1186	0:00	0	19:46	1186
2078	Year-Round Residence	Non-Participating	322707.64	327206.33	19:39	1179	0:00	0	19:39	1179
1896	Year-Round Residence	Non-Participating	319856.01	328167.37	19:38	1178	0:00	0	19:38	1178
2080	Year-Round Residence	Non-Participating	322496.52	327052.38	19:37	1177	0:00	0	19:37	1177
453	Year-Round Residence	Non-Participating	322840.82	323525.82	19:33	1173	0:00	0	19:33	1173
1829	Year-Round Residence	Non-Participating	317585.61	327537.21	18:34	1114	0:00	0	18:34	1114
1838	Year-Round Residence	Non-Participating	316826.23	326999.13	18:06	1086	0:00	0	18:06	1086
691	Year-Round Residence	Non-Participating	323948.14	326728.54	17:50	1070	0:00	0	17:50	1070
1811	Year-Round Residence	Non-Participating	318028.58	326513.05	17:48	1068	0:00	0	17:48	1068
1912	Year-Round Residence	Non-Participating	317869.60	327226.91	17:48	1068	0:00	0	17:48	1068
1858	Year-Round Residence	Non-Participating	316936.56	328566.79	17:29	1049	0:00	0	17:29	1049
1432	Seasonal Residence	Non-Participating	319185.70	326447.45	17:27	1047	0:00	0	17:27	1047
1820	Year-Round Residence	Non-Participating	317691.66	327012.44	17:19	1039	0:00	0	17:19	1039
1913	Year-Round Residence	Non-Participating	317829.82	327219.15	17:17	1037	0:00	0	17:17	1037
2110	Year-Round Residence	Non-Participating	321235.28	325875.73	17:15	1035	0:00	0	17:15	1035
618	Year-Round Residence	Non-Participating	326712.96	325555.38	17:14	1034	0:00	0	17:14	1034
653	Year-Round Residence	Non-Participating	326572.88	325697.83	17:10	1030	0:00	0	17:10	1030
1909	Year-Round Residence	Non-Participating	317946.40	327282.03	17:08	1028	0:00	0	17:08	1028
543	Year-Round Residence	Non-Participating	326931.48	323842.78	16:55	1015	0:00	0	16:55	1015
617	Year-Round Residence	Non-Participating	326708.71	325510.49	16:54	1014	0:00	0	16:54	1014
656	Year-Round Residence	Non-Participating	326367.51	325624.10	16:36	996	0:00	0	16:36	996
554	Year-Round Residence	Non-Participating	327684.86	325423.87	16:10	970	0:00	0	16:10	970
539	Year-Round Residence	Non-Participating	327028.98	323617.64	16:01	961	0:00	0	16:01	961
1174	Year-Round Residence	Non-Participating	328258.97	324981.09	16:00	960	0:00	0	16:00	960
654	Year-Round Residence	Non-Participating	326496.07	325713.02	15:58	958	0:00	0	15:58	958
658	Year-Round Residence	Non-Participating	326307.12	325606.54	15:56	956	0:00	0	15:56	956
1892	Year-Round Residence	Non-Participating	320033.24	328805.43	15:54	954	0:00	0	15:54	954
1850	Year-Round Residence	Non-Participating	316720.79	327878.23	15:17	917	0:00	0	15:17	917
1840	Year-Round Residence	Non-Participating	316398.61	326657.22	15:06	906	0:00	0	15:06	906
715	Seasonal Residence	Non-Participating	326701.27	325635.06	15:05	905	0:00	0	15:05	905
1828	Year-Round Residence	Non-Participating	317633.66	327536.18	14:48	888	0:00	0	14:48	888
1817	Year-Round Residence	Non-Participating	317775.27	326890.74	14:25	865	0:00	0	14:25	865
1816	Year-Round Residence	Non-Participating	317841.36	326803.41	14:06	846	0:00	0	14:06	846
1901	Year-Round Residence	Non-Participating	319781.73	327276.44	13:56	836	0:00	0	13:56	836
1826	Year-Round Residence	Non-Participating	317576.50	327491.43	13:44	824	0:00	0	13:44	824
2109	Year-Round Residence	Non-Participating	321023.32	326056.07	13:39	819	0:00	0	13:39	819
1171	Year-Round Residence	Non-Participating	327603.15	325435.83	13:26	806	0:00	0	13:26	806
685	Year-Round Residence	Non-Participating	325319.64	325594.68	13:21	801	0:00	0	13:21	801
1426	Seasonal Residence	Non-Participating	316087.96	326037.01	13:15	795	0:00	0	13:15	795
619	Year-Round Residence	Non-Participating	326695.20	325726.06	13:10	790	0:00	0	13:10	790
1851	Year-Round Residence	Non-Participating	316725.04	327941.87	13:10	790	0:00	0	13:10	790
2148	Year-Round Residence	Non-Participating	321289.82	324758.55	13:06	786	0:00	0	13:06	786
2094	Year-Round Residence	Non-Participating	320911.57	327443.86	13:02	782	0:00	0	13:02	782

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
698	Year-Round Residence	Non-Participating	324363.05	325478.61	12:52	772	0:00	0	12:52	772
1849	Year-Round Residence	Non-Participating	316800.48	327847.08	12:48	768	0:00	0	12:48	768
1837	Year-Round Residence	Non-Participating	316884.39	327047.54	12:44	764	0:00	0	12:44	764
2147	Year-Round Residence	Non-Participating	321244.65	324691.59	12:43	763	0:00	0	12:43	763
1661	Year-Round Residence	Non-Participating	315829.11	325983.55	12:36	756	0:00	0	12:36	756
684	Year-Round Residence	Non-Participating	325296.66	325606.08	12:29	749	0:00	0	12:29	749
1868	Year-Round Residence	Non-Participating	317365.64	329241.46	12:27	747	0:00	0	12:27	747
655	Year-Round Residence	Non-Participating	326404.00	325722.64	12:25	745	0:00	0	12:25	745
1618	Year-Round Residence	Non-Participating	315323.62	328136.21	12:25	745	0:00	0	12:25	745
1886	Year-Round Residence	Non-Participating	319089.32	329472.21	12:21	741	0:00	0	12:21	741
1880	Year-Round Residence	Non-Participating	318181.54	329665.21	12:16	736	0:00	0	12:16	736
510	Year-Round Residence	Non-Participating	327391.76	323456.44	12:13	733	0:00	0	12:13	733
1156	Seasonal Residence	Non-Participating	323927.02	326942.58	12:13	733	0:00	0	12:13	733
555	Year-Round Residence	Non-Participating	327986.87	325353.51	12:09	729	0:00	0	12:09	729
2119	Year-Round Residence	Non-Participating	320754.16	325409.48	12:05	725	0:00	0	12:05	725
509	Year-Round Residence	Non-Participating	327335.06	323449.52	11:57	717	0:00	0	11:57	717
1842	Year-Round Residence	Non-Participating	316196.14	326473.24	11:56	716	0:00	0	11:56	716
1821	Year-Round Residence	Non-Participating	317665.11	327126.93	11:54	714	0:00	0	11:54	714
1841	Year-Round Residence	Non-Participating	316265.84	326629.64	11:52	712	0:00	0	11:52	712
1855	Year-Round Residence	Non-Participating	316793.25	328400.12	11:51	711	0:00	0	11:51	711
660	Year-Round Residence	Non-Participating	326224.58	325615.64	11:42	702	0:00	0	11:42	702
2188	Year-Round Residence	Non-Participating	322498.93	323685.05	11:29	689	0:00	0	11:29	689
1852	Year-Round Residence	Non-Participating	316797.72	327929.84	11:10	670	0:00	0	11:10	670
683	Year-Round Residence	Non-Participating	325279.20	325628.61	11:03	663	0:00	0	11:03	663
1438	Year-Round Residence	Non-Participating	318721.38	329731.20	10:56	656	0:00	0	10:56	656
1867	Year-Round Residence	Non-Participating	317297.54	329233.89	10:56	656	0:00	0	10:56	656
1617	Year-Round Residence	Non-Participating	315278.96	328192.26	10:54	654	0:00	0	10:54	654
508	Year-Round Residence	Non-Participating	327288.39	323447.52	10:49	649	0:00	0	10:49	649
711	Year-Round Residence	Non-Participating	322599.52	325185.83	10:48	648	0:00	0	10:48	648
1881	Year-Round Residence	Non-Participating	318246.14	329677.09	10:44	644	0:00	0	10:44	644
1889	Year-Round Residence	Non-Participating	319725.06	329477.24	10:43	643	0:00	0	10:43	643
1843	Year-Round Residence	Non-Participating	316135.62	326486.33	10:29	629	0:00	0	10:29	629
1891	Year-Round Residence	Non-Participating	320012.36	329120.81	10:17	617	0:00	0	10:17	617
1910	Year-Round Residence	Non-Participating	317869.78	327340.63	10:17	617	0:00	0	10:17	617
1616	Year-Round Residence	Non-Participating	315375.61	328245.23	10:04	604	0:00	0	10:04	604
1888	Year-Round Residence	Non-Participating	319629.55	329510.39	10:02	602	0:00	0	10:02	602
1856	Year-Round Residence	Non-Participating	316791.15	328458.33	9:57	597	0:00	0	9:57	597
1844	Year-Round Residence	Non-Participating	316097.57	326466.61	9:54	594	0:00	0	9:54	594
1866	Year-Round Residence	Non-Participating	317277.95	329358.71	9:53	593	0:00	0	9:53	593
527	Year-Round Residence	Non-Participating	328542.55	324881.84	9:48	588	0:00	0	9:48	588
1911	Year-Round Residence	Non-Participating	317799.76	327315.89	9:48	588	0:00	0	9:48	588
1853	Year-Round Residence	Non-Participating	316791.30	328033.28	9:43	583	0:00	0	9:43	583
1906	Year-Round Residence	Non-Participating	318198.61	327257.05	9:41	581	0:00	0	9:41	581
682	Year-Round Residence	Non-Participating	325269.53	325663.08	9:38	578	0:00	0	9:38	578
2296	Year-Round Residence	Non-Participating	320015.01	329237.79	9:38	578	0:00	0	9:38	578
1660	Year-Round Residence	Non-Participating	315822.14	326099.45	9:07	547	0:00	0	9:07	547
1825	Year-Round Residence	Non-Participating	317579.77	327331.26	9:05	545	0:00	0	9:05	545
657	Year-Round Residence	Non-Participating	326332.81	325715.92	9:00	540	0:00	0	9:00	540
1915	Year-Round Residence	Non-Participating	317743.67	327305.40	9:00	540	0:00	0	9:00	540
529	Year-Round Residence	Non-Participating	328534.45	324976.61	8:59	539	0:00	0	8:59	539
1865	Year-Round Residence	Non-Participating	317149.31	329146.05	8:58	538	0:00	0	8:58	538
1908	Year-Round Residence	Non-Participating	317946.93	327044.15	8:57	537	0:00	0	8:57	537
557	Year-Round Residence	Non-Participating	328156.33	325593.76	8:49	529	0:00	0	8:49	529

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind- Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind- Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1863	Year-Round Residence	Non-Participating	317121.04	329124.55	8:43	523	0:00	0	8:43	523
556	Year-Round Residence	Non-Participating	328153.86	325350.10	8:34	514	0:00	0	8:34	514
1882	Year-Round Residence	Non-Participating	318341.11	329689.11	8:28	508	1:16	76	9:42	582
1659	Year-Round Residence	Non-Participating	315824.98	326142.57	8:27	507	0:00	0	8:27	507
1822	Year-Round Residence	Non-Participating	317635.65	327185.22	8:25	505	0:00	0	8:25	505
1857	Year-Round Residence	Non-Participating	316791.53	328497.47	8:23	503	0:00	0	8:23	503
516	Year-Round Residence	Non-Participating	328672.21	323635.95	8:17	497	0:00	0	8:17	497
2190	Year-Round Residence	Non-Participating	322237.95	323370.69	8:13	493	0:00	0	8:13	493
1864	Year-Round Residence	Non-Participating	317119.50	329207.05	8:12	492	0:00	0	8:12	492
531	Year-Round Residence	Non-Participating	328415.82	325312.78	8:05	485	0:00	0	8:05	485
1890	Year-Round Residence	Non-Participating	319926.16	329496.33	8:00	480	0:00	0	8:00	480
2095	Year-Round Residence	Non-Participating	321231.57	327396.28	7:56	476	0:00	0	7:56	476
530	Year-Round Residence	Non-Participating	328333.33	325321.72	7:52	472	0:00	0	7:52	472
2141	Year-Round Residence	Non-Participating	320807.77	323957.87	7:52	472	0:00	0	7:52	472
1649	Year-Round Residence	Non-Participating	315325.96	326678.06	7:43	463	0:00	0	7:43	463
1657	Year-Round Residence	Non-Participating	315945.37	326471.62	7:36	456	0:00	0	7:36	456
1827	Year-Round Residence	Non-Participating	317636.48	327508.14	7:32	452	0:00	0	7:32	452
1914	Year-Round Residence	Non-Participating	317756.82	327231.65	7:30	450	0:00	0	7:30	450
1860	Year-Round Residence	Non-Participating	316985.76	329043.34	7:18	438	0:00	0	7:18	438
1658	Year-Round Residence	Non-Participating	315838.17	326300.72	7:15	435	0:00	0	7:15	435
1884	Year-Round Residence	Non-Participating	318947.05	329703.38	7:13	433	0:00	0	7:13	433
1862	Year-Round Residence	Non-Participating	317027.80	329217.38	7:08	428	0:00	0	7:08	428
659	Year-Round Residence	Non-Participating	326269.00	325693.83	7:04	424	0:00	0	7:04	424
1428	Seasonal Residence	Non-Participating	315968.20	326636.82	7:02	422	0:00	0	7:02	422
705	Year-Round Residence	Non-Participating	323158.90	325496.31	6:53	413	0:00	0	6:53	413
528	Year-Round Residence	Non-Participating	328724.14	324956.55	6:48	408	0:00	0	6:48	408
1861	Year-Round Residence	Non-Participating	316964.17	329117.95	6:48	408	0:00	0	6:48	408
1655	Year-Round Residence	Non-Participating	315871.35	326483.86	6:43	403	0:00	0	6:43	403
1656	Year-Round Residence	Non-Participating	315807.96	326378.91	6:35	395	0:00	0	6:35	395
1887	Year-Round Residence	Non-Participating	319497.08	329612.15	6:29	389	0:00	0	6:29	389
1722	Year-Round Residence	Non-Participating	315905.96	325564.46	6:28	388	0:00	0	6:28	388
1859	Year-Round Residence	Non-Participating	316784.42	328783.87	6:23	383	0:00	0	6:23	383
1883	Year-Round Residence	Non-Participating	318451.05	329711.83	6:20	380	1:20	80	7:36	456
1916	Year-Round Residence	Non-Participating	317683.63	327237.29	6:20	380	0:00	0	6:20	380
2295	Year-Round Residence	Non-Participating	319964.32	329432.95	6:13	373	0:00	0	6:13	373
1885	Year-Round Residence	Non-Participating	319021.18	329701.88	6:08	368	0:00	0	6:08	368
511	Year-Round Residence	Non-Participating	327576.50	323465.03	6:06	366	0:00	0	6:06	366
2149	Year-Round Residence	Non-Participating	321216.36	325253.60	5:59	359	0:00	0	5:59	359
2186	Year-Round Residence	Non-Participating	322299.17	323692.72	5:57	357	0:00	0	5:57	357
2187	Year-Round Residence	Non-Participating	322289.02	323632.63	5:57	357	0:00	0	5:57	357
2185	Year-Round Residence	Non-Participating	322317.09	323793.43	5:51	351	0:00	0	5:51	351
2137	Year-Round Residence	Non-Participating	320588.73	323829.73	5:50	350	0:00	0	5:50	350
1224	Year-Round Residence	Non-Participating	316822.82	329014.14	5:49	349	0:00	0	5:49	349
2116	Year-Round Residence	Non-Participating	321181.58	325502.12	5:41	341	0:00	0	5:41	341
1427	Seasonal Residence	Non-Participating	316116.75	325871.01	5:29	329	0:00	0	5:29	329
1632	Year-Round Residence	Non-Participating	315368.39	327208.25	5:29	329	0:00	0	5:29	329
1430	Seasonal Residence	Non-Participating	320063.55	329354.58	5:21	321	0:00	0	5:21	321
2139	Year-Round Residence	Non-Participating	320652.32	323847.65	5:15	315	0:00	0	5:15	315
701	Year-Round Residence	Non-Participating	324991.93	323830.97	5:14	314	0:00	0	5:14	314
2096	Year-Round Residence	Non-Participating	321281.06	327432.34	5:12	312	0:00	0	5:12	312
1650	Year-Round Residence	Non-Participating	315276.32	326611.41	5:11	311	0:00	0	5:11	311
1615	Year-Round Residence	Non-Participating	315697.13	328351.49	5:06	306	0:00	0	5:06	306
710	Year-Round Residence	Non-Participating	324371.67	323917.57	4:47	287	0:00	0	4:47	287



Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
2300	Year-Round Residence	Non-Participating	314994.79	328708.63	4:39	279	0:00	0	4:39	279
678	Year-Round Residence	Non-Participating	324383.65	327571.59	4:35	275	0:00	0	4:35	275
697	Year-Round Residence	Non-Participating	324282.81	325570.53	4:25	265	0:00	0	4:25	265
1918	Year-Round Residence	Non-Participating	320124.53	329458.58	4:25	265	0:00	0	4:25	265
2333	Year-Round Residence	Non-Participating	320170.47	329386.57	4:24	264	0:00	0	4:24	264
1631	Year-Round Residence	Non-Participating	315302.45	327324.36	4:22	262	0:00	0	4:22	262
2097	Year-Round Residence	Non-Participating	321305.49	327439.75	4:22	262	0:00	0	4:22	262
1623	Year-Round Residence	Non-Participating	315017.68	328719.70	4:19	259	0:00	0	4:19	259
1630	Year-Round Residence	Non-Participating	315279.35	327360.23	4:09	249	0:00	0	4:09	249
1904	Year-Round Residence	Non-Participating	318411.16	327046.82	3:57	237	0:00	0	3:57	237
1720	Year-Round Residence	Non-Participating	315845.20	325721.23	3:51	231	0:00	0	3:51	231
537	Year-Round Residence	Non-Participating	327087.71	323490.62	3:48	228	0:00	0	3:48	228
1907	Year-Round Residence	Non-Participating	318148.59	327089.71	3:48	228	0:00	0	3:48	228
1917	Year-Round Residence	Non-Participating	317707.23	327306.74	3:46	226	0:00	0	3:46	226
394	Year-Round Residence	Non-Participating	324602.97	323042.45	3:44	224	0:00	0	3:44	224
1719	Year-Round Residence	Non-Participating	315842.16	325777.59	3:39	219	0:00	0	3:39	219
1602	Year-Round Residence	Non-Participating	317146.67	329782.64	3:35	215	0:00	0	3:35	215
532	Year-Round Residence	Non-Participating	328667.48	325315.61	3:32	212	0:00	0	3:32	212
1654	Year-Round Residence	Non-Participating	315726.55	326447.63	3:28	208	0:00	0	3:28	208
1629	Year-Round Residence	Non-Participating	314688.18	327819.34	3:26	206	0:00	0	3:26	206
1635	Year-Round Residence	Non-Participating	315772.80	326591.51	3:22	202	0:00	0	3:22	202
1902	Year-Round Residence	Non-Participating	319178.04	327068.60	3:17	197	0:00	0	3:17	197
1634	Year-Round Residence	Non-Participating	315758.97	326633.30	3:11	191	0:00	0	3:11	191
1639	Year-Round Residence	Non-Participating	315716.77	326577.99	3:09	189	0:00	0	3:09	189
1604	Year-Round Residence	Non-Participating	316840.36	329228.44	3:05	185	0:00	0	3:05	185
1633	Year-Round Residence	Non-Participating	315741.37	326674.82	3:03	183	0:00	0	3:03	183
1605	Year-Round Residence	Non-Participating	316735.89	329005.06	3:02	182	0:00	0	3:02	182
1621	Year-Round Residence	Non-Participating	314870.08	328530.03	3:02	182	0:00	0	3:02	182
1640	Year-Round Residence	Non-Participating	315693.92	326579.97	3:02	182	0:00	0	3:02	182
2327	Year-Round Residence	Non-Participating	315708.22	326612.24	3:00	180	0:00	0	3:00	180
1619	Year-Round Residence	Non-Participating	314772.89	328334.16	2:59	179	0:00	0	2:59	179
1622	Year-Round Residence	Non-Participating	314833.81	328593.64	2:58	178	0:00	0	2:58	178
1636	Year-Round Residence	Non-Participating	315695.63	326613.37	2:58	178	0:00	0	2:58	178
1601	Year-Round Residence	Non-Participating	317011.56	329803.88	2:57	177	0:00	0	2:57	177
1641	Year-Round Residence	Non-Participating	315682.78	326584.02	2:57	177	0:00	0	2:57	177
1603	Year-Round Residence	Non-Participating	316828.16	329278.93	2:55	175	0:00	0	2:55	175
1637	Year-Round Residence	Non-Participating	315678.30	326616.04	2:54	174	0:00	0	2:54	174
1642	Year-Round Residence	Non-Participating	315663.69	326587.78	2:53	173	0:00	0	2:53	173
1620	Year-Round Residence	Non-Participating	314771.79	328401.56	2:52	172	0:00	0	2:52	172
1643	Year-Round Residence	Non-Participating	315651.38	326588.65	2:50	170	0:00	0	2:50	170
1638	Year-Round Residence	Non-Participating	315657.74	326619.03	2:49	169	0:00	0	2:49	169
1644	Year-Round Residence	Non-Participating	315596.87	326568.99	2:40	160	0:00	0	2:40	160
2326	Year-Round Residence	Non-Participating	315628.98	326631.08	2:40	160	0:00	0	2:40	160
1163	Year-Round Residence	Non-Participating	324570.27	327397.25	2:39	159	0:00	0	2:39	159
1645	Year-Round Residence	Non-Participating	315597.09	326577.37	2:39	159	0:00	0	2:39	159
2325	Year-Round Residence	Non-Participating	315598.28	326588.23	2:39	159	0:00	0	2:39	159
1164	Year-Round Residence	Non-Participating	324599.72	327375.63	2:36	156	0:00	0	2:36	156
2120	Year-Round Residence	Non-Participating	320611.79	325266.40	2:35	155	0:00	0	2:35	155
661	Year-Round Residence	Non-Participating	326198.44	325709.84	2:33	153	0:00	0	2:33	153
679	Year-Round Residence	Non-Participating	324665.78	327336.01	2:29	149	0:00	0	2:29	149
1905	Year-Round Residence	Non-Participating	318337.74	327121.60	2:28	148	0:00	0	2:28	148
2098	Year-Round Residence	Non-Participating	321472.45	327560.64	2:25	145	0:00	0	2:25	145
1943	Year-Round Residence	Non-Participating	318954.49	330094.34	2:14	134	0:00	0	2:14	134

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
2091	Year-Round Residence	Non-Participating	320734.52	328209.08	2:14	134	0:00	0	2:14	134
2077	Year-Round Residence	Non-Participating	322467.02	327568.43	2:03	123	0:00	0	2:03	123
1903	Year-Round Residence	Non-Participating	318390.70	327291.22	2:01	121	0:00	0	2:01	121
2297	Year-Round Residence	Non-Participating	319023.18	326977.46	2:00	120	0:00	0	2:00	120
2184	Year-Round Residence	Non-Participating	321797.10	323858.39	1:56	116	0:00	0	1:56	116
690	Year-Round Residence	Non-Participating	323743.37	327378.89	1:39	99	0:00	0	1:39	99
2093	Year-Round Residence	Non-Participating	320865.80	327648.28	1:00	60	0:00	0	1:00	60
1648	Year-Round Residence	Non-Participating	315349.91	326589.01	0:28	28	0:00	0	0:28	28
1	Year-Round Residence	Non-Participating	325840.23	321460.84	0:00	0	0:00	0	0:00	0
2	Year-Round Residence	Non-Participating	325754.47	321507.92	0:00	0	0:00	0	0:00	0
3	Year-Round Residence	Non-Participating	325773.13	321554.04	0:00	0	0:00	0	0:00	0
4	Year-Round Residence	Non-Participating	325850.26	321518.33	0:00	0	0:00	0	0:00	0
5	Year-Round Residence	Non-Participating	325787.58	321592.73	0:00	0	0:00	0	0:00	0
6	Year-Round Residence	Non-Participating	325858.58	321556.18	0:00	0	0:00	0	0:00	0
7	Year-Round Residence	Non-Participating	325791.13	321644.33	0:00	0	0:00	0	0:00	0
8	Year-Round Residence	Non-Participating	325882.95	321657.48	0:00	0	0:00	0	0:00	0
9	Year-Round Residence	Non-Participating	325793.62	321691.48	0:00	0	0:00	0	0:00	0
10	Year-Round Residence	Non-Participating	325877.89	321704.54	0:00	0	0:00	0	0:00	0
11	Year-Round Residence	Non-Participating	325847.64	321863.82	0:00	0	0:00	0	0:00	0
12	Year-Round Residence	Non-Participating	325851.42	321801.66	0:00	0	0:00	0	0:00	0
13	Year-Round Residence	Non-Participating	325790.73	321841.34	0:00	0	0:00	0	0:00	0
14	Year-Round Residence	Non-Participating	325780.07	321788.11	0:00	0	0:00	0	0:00	0
15	Year-Round Residence	Non-Participating	325640.85	321775.66	0:00	0	0:00	0	0:00	0
16	Year-Round Residence	Non-Participating	325636.37	321819.21	0:00	0	0:00	0	0:00	0
17	Year-Round Residence	Non-Participating	325637.21	321903.43	0:00	0	0:00	0	0:00	0
18	Year-Round Residence	Non-Participating	325704.43	321882.47	0:00	0	0:00	0	0:00	0
19	Year-Round Residence	Non-Participating	325613.58	321953.56	0:00	0	0:00	0	0:00	0
20	Year-Round Residence	Non-Participating	325707.94	321947.63	0:00	0	0:00	0	0:00	0
21	Year-Round Residence	Non-Participating	325721.23	322023.73	0:00	0	0:00	0	0:00	0
22	Year-Round Residence	Non-Participating	325727.19	322101.93	0:00	0	0:00	0	0:00	0
23	Year-Round Residence	Non-Participating	325773.25	322129.89	0:00	0	0:00	0	0:00	0
24	Year-Round Residence	Non-Participating	325778.46	322081.10	0:00	0	0:00	0	0:00	0
25	Year-Round Residence	Non-Participating	325779.27	322052.74	0:00	0	0:00	0	0:00	0
26	Year-Round Residence	Non-Participating	325782.01	322010.36	0:00	0	0:00	0	0:00	0
27	Year-Round Residence	Non-Participating	325591.17	322111.22	0:00	0	0:00	0	0:00	0
28	Year-Round Residence	Non-Participating	325563.80	322171.01	0:00	0	0:00	0	0:00	0
29	Year-Round Residence	Non-Participating	325745.99	322175.13	0:00	0	0:00	0	0:00	0
30	Year-Round Residence	Non-Participating	325836.88	322187.94	0:00	0	0:00	0	0:00	0
31	Year-Round Residence	Non-Participating	325863.10	322130.59	0:00	0	0:00	0	0:00	0
32	Year-Round Residence	Non-Participating	325881.08	322045.14	0:00	0	0:00	0	0:00	0
33	Year-Round Residence	Non-Participating	325941.38	322140.98	0:00	0	0:00	0	0:00	0
34	Year-Round Residence	Non-Participating	325981.28	322146.33	0:00	0	0:00	0	0:00	0
35	Year-Round Residence	Non-Participating	326022.01	322147.17	0:00	0	0:00	0	0:00	0
36	Year-Round Residence	Non-Participating	326026.29	322059.61	0:00	0	0:00	0	0:00	0
37	Year-Round Residence	Non-Participating	326026.98	322021.16	0:00	0	0:00	0	0:00	0
38	Year-Round Residence	Non-Participating	326084.58	321982.60	0:00	0	0:00	0	0:00	0
39	Year-Round Residence	Non-Participating	326077.80	322025.57	0:00	0	0:00	0	0:00	0
40	Year-Round Residence	Non-Participating	326082.63	322074.42	0:00	0	0:00	0	0:00	0
41	Year-Round Residence	Non-Participating	326023.60	322102.89	0:00	0	0:00	0	0:00	0
42	Year-Round Residence	Non-Participating	326068.32	322158.70	0:00	0	0:00	0	0:00	0
43	Year-Round Residence	Non-Participating	325979.48	322191.19	0:00	0	0:00	0	0:00	0
44	Year-Round Residence	Non-Participating	325946.34	322191.13	0:00	0	0:00	0	0:00	0
45	Year-Round Residence	Non-Participating	325947.77	321421.23	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
46	Year-Round Residence	Non-Participating	326213.99	322125.65	0:00	0	0:00	0	0:00	0
47	Year-Round Residence	Non-Participating	326197.40	322181.67	0:00	0	0:00	0	0:00	0
48	Year-Round Residence	Non-Participating	326173.76	322218.06	0:00	0	0:00	0	0:00	0
49	Year-Round Residence	Non-Participating	326151.94	322249.53	0:00	0	0:00	0	0:00	0
50	Year-Round Residence	Non-Participating	326123.63	322274.56	0:00	0	0:00	0	0:00	0
51	Year-Round Residence	Non-Participating	326082.28	322306.20	0:00	0	0:00	0	0:00	0
52	Year-Round Residence	Non-Participating	326037.96	322338.50	0:00	0	0:00	0	0:00	0
53	Year-Round Residence	Non-Participating	325987.99	322331.51	0:00	0	0:00	0	0:00	0
54	Year-Round Residence	Non-Participating	325985.59	322296.49	0:00	0	0:00	0	0:00	0
55	Year-Round Residence	Non-Participating	325939.18	322348.81	0:00	0	0:00	0	0:00	0
56	Year-Round Residence	Non-Participating	325897.37	322363.57	0:00	0	0:00	0	0:00	0
57	Year-Round Residence	Non-Participating	325866.71	322380.49	0:00	0	0:00	0	0:00	0
58	Year-Round Residence	Non-Participating	325829.44	322403.08	0:00	0	0:00	0	0:00	0
59	Year-Round Residence	Non-Participating	325778.09	322332.39	0:00	0	0:00	0	0:00	0
60	Year-Round Residence	Non-Participating	325486.42	322292.36	0:00	0	0:00	0	0:00	0
61	Year-Round Residence	Non-Participating	325428.67	322164.74	0:00	0	0:00	0	0:00	0
62	Year-Round Residence	Non-Participating	325277.25	322199.50	0:00	0	0:00	0	0:00	0
63	Year-Round Residence	Non-Participating	325378.12	322262.74	0:00	0	0:00	0	0:00	0
64	Year-Round Residence	Non-Participating	326105.29	322385.39	0:00	0	0:00	0	0:00	0
65	Year-Round Residence	Non-Participating	326120.83	322384.71	0:00	0	0:00	0	0:00	0
66	Year-Round Residence	Non-Participating	326146.44	322374.59	0:00	0	0:00	0	0:00	0
67	Year-Round Residence	Non-Participating	326163.79	322374.25	0:00	0	0:00	0	0:00	0
68	Year-Round Residence	Non-Participating	326189.85	322371.42	0:00	0	0:00	0	0:00	0
69	Year-Round Residence	Non-Participating	326227.52	322364.74	0:00	0	0:00	0	0:00	0
70	Year-Round Residence	Non-Participating	326258.55	322365.89	0:00	0	0:00	0	0:00	0
71	Year-Round Residence	Non-Participating	326274.10	322366.04	0:00	0	0:00	0	0:00	0
72	Year-Round Residence	Non-Participating	326289.72	322363.96	0:00	0	0:00	0	0:00	0
73	Year-Round Residence	Non-Participating	326324.44	322357.26	0:00	0	0:00	0	0:00	0
74	Year-Round Residence	Non-Participating	326340.61	322356.42	0:00	0	0:00	0	0:00	0
75	Year-Round Residence	Non-Participating	326447.94	322350.46	0:00	0	0:00	0	0:00	0
76	Year-Round Residence	Non-Participating	326434.67	322307.60	0:00	0	0:00	0	0:00	0
77	Year-Round Residence	Non-Participating	326433.90	322272.44	0:00	0	0:00	0	0:00	0
78	Year-Round Residence	Non-Participating	326467.63	322276.77	0:00	0	0:00	0	0:00	0
79	Year-Round Residence	Non-Participating	326464.91	322261.83	0:00	0	0:00	0	0:00	0
80	Year-Round Residence	Non-Participating	326460.67	322242.56	0:00	0	0:00	0	0:00	0
81	Year-Round Residence	Non-Participating	326456.49	322225.21	0:00	0	0:00	0	0:00	0
82	Year-Round Residence	Non-Participating	326422.04	322244.97	0:00	0	0:00	0	0:00	0
83	Year-Round Residence	Non-Participating	326456.47	322199.61	0:00	0	0:00	0	0:00	0
84	Year-Round Residence	Non-Participating	326426.47	322156.51	0:00	0	0:00	0	0:00	0
85	Year-Round Residence	Non-Participating	326455.56	322162.38	0:00	0	0:00	0	0:00	0
86	Year-Round Residence	Non-Participating	326474.82	322156.62	0:00	0	0:00	0	0:00	0
87	Year-Round Residence	Non-Participating	326473.89	322115.97	0:00	0	0:00	0	0:00	0
88	Year-Round Residence	Non-Participating	326494.70	322112.35	0:00	0	0:00	0	0:00	0
89	Year-Round Residence	Non-Participating	326521.89	322144.46	0:00	0	0:00	0	0:00	0
90	Year-Round Residence	Non-Participating	326525.65	322104.25	0:00	0	0:00	0	0:00	0
91	Year-Round Residence	Non-Participating	326559.22	322146.14	0:00	0	0:00	0	0:00	0
92	Year-Round Residence	Non-Participating	326560.55	322091.34	0:00	0	0:00	0	0:00	0
93	Year-Round Residence	Non-Participating	326565.70	322063.03	0:00	0	0:00	0	0:00	0
94	Year-Round Residence	Non-Participating	326577.01	322030.21	0:00	0	0:00	0	0:00	0
95	Year-Round Residence	Non-Participating	326586.64	321981.91	0:00	0	0:00	0	0:00	0
96	Year-Round Residence	Non-Participating	326621.58	322088.64	0:00	0	0:00	0	0:00	0
97	Year-Round Residence	Non-Participating	326623.57	322067.67	0:00	0	0:00	0	0:00	0
98	Year-Round Residence	Non-Participating	326453.54	322029.49	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
99	Year-Round Residence	Non-Participating	326476.38	322069.06	0:00	0	0:00	0	0:00	0
100	Year-Round Residence	Non-Participating	326356.15	321103.43	0:00	0	0:00	0	0:00	0
101	Year-Round Residence	Non-Participating	326204.28	321144.93	0:00	0	0:00	0	0:00	0
102	Year-Round Residence	Non-Participating	326675.85	320987.68	0:00	0	0:00	0	0:00	0
103	Year-Round Residence	Non-Participating	326680.94	320911.11	0:00	0	0:00	0	0:00	0
104	Year-Round Residence	Non-Participating	325631.11	321860.97	0:00	0	0:00	0	0:00	0
105	Year-Round Residence	Non-Participating	326747.88	320537.56	0:00	0	0:00	0	0:00	0
106	Year-Round Residence	Non-Participating	326769.58	320439.49	0:00	0	0:00	0	0:00	0
107	Year-Round Residence	Non-Participating	326757.47	320235.12	0:00	0	0:00	0	0:00	0
108	Year-Round Residence	Non-Participating	326649.77	320166.94	0:00	0	0:00	0	0:00	0
109	Year-Round Residence	Non-Participating	327107.05	321131.14	0:00	0	0:00	0	0:00	0
110	Year-Round Residence	Non-Participating	327100.78	321247.79	0:00	0	0:00	0	0:00	0
111	Year-Round Residence	Non-Participating	327260.08	321399.60	0:00	0	0:00	0	0:00	0
112	Year-Round Residence	Non-Participating	327356.80	320935.66	0:00	0	0:00	0	0:00	0
113	Year-Round Residence	Non-Participating	327370.63	320842.44	0:00	0	0:00	0	0:00	0
114	Year-Round Residence	Non-Participating	327352.24	320589.74	0:00	0	0:00	0	0:00	0
115	Year-Round Residence	Non-Participating	327283.70	320473.78	0:00	0	0:00	0	0:00	0
116	Year-Round Residence	Non-Participating	328217.19	321536.54	0:00	0	0:00	0	0:00	0
117	Year-Round Residence	Non-Participating	327395.38	320405.93	0:00	0	0:00	0	0:00	0
119	Year-Round Residence	Non-Participating	327443.98	320312.92	0:00	0	0:00	0	0:00	0
120	Year-Round Residence	Non-Participating	327877.12	320375.91	0:00	0	0:00	0	0:00	0
121	Year-Round Residence	Non-Participating	328174.72	320513.45	0:00	0	0:00	0	0:00	0
122	Year-Round Residence	Non-Participating	328253.83	320518.27	0:00	0	0:00	0	0:00	0
123	Year-Round Residence	Non-Participating	328180.55	320592.48	0:00	0	0:00	0	0:00	0
124	Year-Round Residence	Non-Participating	328172.35	320650.31	0:00	0	0:00	0	0:00	0
125	Year-Round Residence	Non-Participating	328299.81	320709.53	0:00	0	0:00	0	0:00	0
126	Year-Round Residence	Non-Participating	328419.92	320612.14	0:00	0	0:00	0	0:00	0
127	Year-Round Residence	Non-Participating	328508.22	320631.35	0:00	0	0:00	0	0:00	0
128	Year-Round Residence	Non-Participating	328148.73	320791.41	0:00	0	0:00	0	0:00	0
129	Year-Round Residence	Non-Participating	328152.43	320966.12	0:00	0	0:00	0	0:00	0
130	Year-Round Residence	Non-Participating	328226.95	320966.84	0:00	0	0:00	0	0:00	0
131	Year-Round Residence	Non-Participating	328214.86	321037.02	0:00	0	0:00	0	0:00	0
132	Year-Round Residence	Non-Participating	328195.35	321178.43	0:00	0	0:00	0	0:00	0
133	Year-Round Residence	Non-Participating	328248.10	321412.38	0:00	0	0:00	0	0:00	0
134	Year-Round Residence	Non-Participating	328163.61	321566.66	0:00	0	0:00	0	0:00	0
135	Year-Round Residence	Non-Participating	328293.42	321676.93	0:00	0	0:00	0	0:00	0
136	Year-Round Residence	Non-Participating	328296.22	321835.79	0:00	0	0:00	0	0:00	0
137	Year-Round Residence	Non-Participating	328289.17	321931.08	0:00	0	0:00	0	0:00	0
138	Year-Round Residence	Non-Participating	328303.17	322063.21	0:00	0	0:00	0	0:00	0
139	Year-Round Residence	Non-Participating	328284.81	322165.67	0:00	0	0:00	0	0:00	0
140	Year-Round Residence	Non-Participating	328410.05	322337.42	0:00	0	0:00	0	0:00	0
141	Year-Round Residence	Non-Participating	327224.97	321852.31	0:00	0	0:00	0	0:00	0
142	Year-Round Residence	Non-Participating	327284.95	321823.71	0:00	0	0:00	0	0:00	0
143	Year-Round Residence	Non-Participating	327302.32	321753.34	0:00	0	0:00	0	0:00	0
144	Year-Round Residence	Non-Participating	327354.12	321805.50	0:00	0	0:00	0	0:00	0
145	Year-Round Residence	Non-Participating	327377.69	321739.49	0:00	0	0:00	0	0:00	0
146	Year-Round Residence	Non-Participating	327130.85	321870.42	0:00	0	0:00	0	0:00	0
147	Year-Round Residence	Non-Participating	327101.69	321856.91	0:00	0	0:00	0	0:00	0
148	Year-Round Residence	Non-Participating	327113.65	321933.39	0:00	0	0:00	0	0:00	0
149	Year-Round Residence	Non-Participating	327051.71	321915.43	0:00	0	0:00	0	0:00	0
150	Year-Round Residence	Non-Participating	327089.10	322008.66	0:00	0	0:00	0	0:00	0
151	Year-Round Residence	Non-Participating	327051.28	322233.31	0:00	0	0:00	0	0:00	0
152	Year-Round Residence	Non-Participating	326831.30	322304.31	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
153	Year-Round Residence	Non-Participating	326815.90	322295.53	0:00	0	0:00	0	0:00	0
154	Year-Round Residence	Non-Participating	326768.36	322265.85	0:00	0	0:00	0	0:00	0
155	Year-Round Residence	Non-Participating	326807.24	322258.82	0:00	0	0:00	0	0:00	0
156	Year-Round Residence	Non-Participating	326762.58	322244.21	0:00	0	0:00	0	0:00	0
157	Year-Round Residence	Non-Participating	326803.42	322240.18	0:00	0	0:00	0	0:00	0
158	Year-Round Residence	Non-Participating	326761.36	322228.10	0:00	0	0:00	0	0:00	0
159	Year-Round Residence	Non-Participating	326759.92	322208.76	0:00	0	0:00	0	0:00	0
160	Year-Round Residence	Non-Participating	326803.67	322214.09	0:00	0	0:00	0	0:00	0
161	Year-Round Residence	Non-Participating	326760.72	322189.95	0:00	0	0:00	0	0:00	0
162	Year-Round Residence	Non-Participating	326800.15	322193.17	0:00	0	0:00	0	0:00	0
163	Year-Round Residence	Non-Participating	326753.85	322133.68	0:00	0	0:00	0	0:00	0
164	Year-Round Residence	Non-Participating	326759.84	322170.90	0:00	0	0:00	0	0:00	0
165	Year-Round Residence	Non-Participating	326796.75	322159.18	0:00	0	0:00	0	0:00	0
166	Year-Round Residence	Non-Participating	326797.74	322136.79	0:00	0	0:00	0	0:00	0
167	Year-Round Residence	Non-Participating	326775.14	322096.60	0:00	0	0:00	0	0:00	0
168	Year-Round Residence	Non-Participating	326755.65	322092.66	0:00	0	0:00	0	0:00	0
169	Year-Round Residence	Non-Participating	326716.36	322125.75	0:00	0	0:00	0	0:00	0
170	Year-Round Residence	Non-Participating	326730.36	322090.96	0:00	0	0:00	0	0:00	0
171	Year-Round Residence	Non-Participating	326706.98	322089.66	0:00	0	0:00	0	0:00	0
172	Year-Round Residence	Non-Participating	326684.02	322087.28	0:00	0	0:00	0	0:00	0
173	Year-Round Residence	Non-Participating	326670.84	322131.14	0:00	0	0:00	0	0:00	0
174	Year-Round Residence	Non-Participating	326667.40	322092.29	0:00	0	0:00	0	0:00	0
175	Year-Round Residence	Non-Participating	326650.10	322130.53	0:00	0	0:00	0	0:00	0
176	Year-Round Residence	Non-Participating	326649.80	322085.32	0:00	0	0:00	0	0:00	0
177	Year-Round Residence	Non-Participating	326620.03	322126.48	0:00	0	0:00	0	0:00	0
178	Year-Round Residence	Non-Participating	326634.00	322027.99	0:00	0	0:00	0	0:00	0
179	Year-Round Residence	Non-Participating	326554.28	322171.11	0:00	0	0:00	0	0:00	0
180	Year-Round Residence	Non-Participating	326612.56	322157.50	0:00	0	0:00	0	0:00	0
181	Year-Round Residence	Non-Participating	326610.46	322190.73	0:00	0	0:00	0	0:00	0
182	Year-Round Residence	Non-Participating	326553.32	322184.81	0:00	0	0:00	0	0:00	0
183	Year-Round Residence	Non-Participating	326540.47	322207.94	0:00	0	0:00	0	0:00	0
184	Year-Round Residence	Non-Participating	326539.82	322232.56	0:00	0	0:00	0	0:00	0
185	Year-Round Residence	Non-Participating	326611.16	322219.14	0:00	0	0:00	0	0:00	0
186	Year-Round Residence	Non-Participating	326533.84	322249.58	0:00	0	0:00	0	0:00	0
187	Year-Round Residence	Non-Participating	326603.48	322270.14	0:00	0	0:00	0	0:00	0
188	Year-Round Residence	Non-Participating	326532.28	322270.93	0:00	0	0:00	0	0:00	0
189	Year-Round Residence	Non-Participating	326598.50	322294.71	0:00	0	0:00	0	0:00	0
190	Year-Round Residence	Non-Participating	326591.79	322323.24	0:00	0	0:00	0	0:00	0
191	Year-Round Residence	Non-Participating	326595.31	322308.98	0:00	0	0:00	0	0:00	0
192	Year-Round Residence	Non-Participating	326589.55	322341.41	0:00	0	0:00	0	0:00	0
193	Year-Round Residence	Non-Participating	326676.31	322332.50	0:00	0	0:00	0	0:00	0
194	Year-Round Residence	Non-Participating	326161.71	322430.19	0:00	0	0:00	0	0:00	0
195	Year-Round Residence	Non-Participating	326044.14	322473.88	0:00	0	0:00	0	0:00	0
196	Year-Round Residence	Non-Participating	326071.94	322443.89	0:00	0	0:00	0	0:00	0
197	Year-Round Residence	Non-Participating	326095.46	322575.69	0:00	0	0:00	0	0:00	0
198	Year-Round Residence	Non-Participating	326082.16	322599.71	0:00	0	0:00	0	0:00	0
199	Year-Round Residence	Non-Participating	326067.54	322628.39	0:00	0	0:00	0	0:00	0
200	Year-Round Residence	Non-Participating	326049.40	322661.58	0:00	0	0:00	0	0:00	0
201	Year-Round Residence	Non-Participating	325919.00	322545.91	0:00	0	0:00	0	0:00	0
202	Year-Round Residence	Non-Participating	325916.89	322592.99	0:00	0	0:00	0	0:00	0
203	Year-Round Residence	Non-Participating	325949.51	322642.88	0:00	0	0:00	0	0:00	0
204	Year-Round Residence	Non-Participating	325966.22	322666.88	0:00	0	0:00	0	0:00	0
205	Year-Round Residence	Non-Participating	325978.97	322700.94	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
206	Year-Round Residence	Non-Participating	325963.05	322734.26	0:00	0	0:00	0	0:00	0
207	Year-Round Residence	Non-Participating	326012.30	322736.42	0:00	0	0:00	0	0:00	0
208	Year-Round Residence	Non-Participating	326002.32	322766.84	0:00	0	0:00	0	0:00	0
209	Year-Round Residence	Non-Participating	325989.38	322800.52	0:00	0	0:00	0	0:00	0
210	Year-Round Residence	Non-Participating	325940.04	322785.35	0:00	0	0:00	0	0:00	0
211	Year-Round Residence	Non-Participating	325929.00	322813.48	0:00	0	0:00	0	0:00	0
212	Year-Round Residence	Non-Participating	325976.43	322838.28	0:00	0	0:00	0	0:00	0
213	Year-Round Residence	Non-Participating	325920.05	322841.49	0:00	0	0:00	0	0:00	0
214	Year-Round Residence	Non-Participating	325959.23	322897.52	0:00	0	0:00	0	0:00	0
215	Year-Round Residence	Non-Participating	325996.76	322899.21	0:00	0	0:00	0	0:00	0
216	Year-Round Residence	Non-Participating	326031.60	322899.82	0:00	0	0:00	0	0:00	0
217	Year-Round Residence	Non-Participating	326035.96	322851.06	0:00	0	0:00	0	0:00	0
218	Year-Round Residence	Non-Participating	326067.37	322899.13	0:00	0	0:00	0	0:00	0
219	Year-Round Residence	Non-Participating	326094.56	322884.30	0:00	0	0:00	0	0:00	0
220	Year-Round Residence	Non-Participating	326109.80	322858.36	0:00	0	0:00	0	0:00	0
221	Year-Round Residence	Non-Participating	326128.03	322827.51	0:00	0	0:00	0	0:00	0
222	Year-Round Residence	Non-Participating	326071.83	322823.57	0:00	0	0:00	0	0:00	0
223	Year-Round Residence	Non-Participating	326087.69	322800.28	0:00	0	0:00	0	0:00	0
224	Year-Round Residence	Non-Participating	326146.78	322798.12	0:00	0	0:00	0	0:00	0
225	Year-Round Residence	Non-Participating	326160.23	322776.80	0:00	0	0:00	0	0:00	0
226	Year-Round Residence	Non-Participating	326109.75	322757.54	0:00	0	0:00	0	0:00	0
227	Year-Round Residence	Non-Participating	326084.61	322741.57	0:00	0	0:00	0	0:00	0
228	Year-Round Residence	Non-Participating	326056.12	322728.81	0:00	0	0:00	0	0:00	0
229	Year-Round Residence	Non-Participating	326078.93	322686.95	0:00	0	0:00	0	0:00	0
230	Year-Round Residence	Non-Participating	326251.05	322539.98	0:00	0	0:00	0	0:00	0
231	Year-Round Residence	Non-Participating	326253.25	322493.34	0:00	0	0:00	0	0:00	0
232	Year-Round Residence	Non-Participating	326212.36	322492.36	0:00	0	0:00	0	0:00	0
233	Year-Round Residence	Non-Participating	326249.71	322480.17	0:00	0	0:00	0	0:00	0
234	Year-Round Residence	Non-Participating	326214.01	322463.60	0:00	0	0:00	0	0:00	0
235	Year-Round Residence	Non-Participating	326213.45	322446.02	0:00	0	0:00	0	0:00	0
236	Year-Round Residence	Non-Participating	326199.53	322419.61	0:00	0	0:00	0	0:00	0
237	Year-Round Residence	Non-Participating	326304.35	322414.17	0:00	0	0:00	0	0:00	0
238	Year-Round Residence	Non-Participating	326327.43	322421.74	0:00	0	0:00	0	0:00	0
239	Year-Round Residence	Non-Participating	326397.02	322404.89	0:00	0	0:00	0	0:00	0
240	Year-Round Residence	Non-Participating	326432.58	322409.06	0:00	0	0:00	0	0:00	0
241	Year-Round Residence	Non-Participating	326460.49	322404.68	0:00	0	0:00	0	0:00	0
242	Year-Round Residence	Non-Participating	326529.08	322442.66	0:00	0	0:00	0	0:00	0
243	Year-Round Residence	Non-Participating	326504.26	322458.88	0:00	0	0:00	0	0:00	0
244	Year-Round Residence	Non-Participating	326453.62	322467.47	0:00	0	0:00	0	0:00	0
245	Year-Round Residence	Non-Participating	326489.87	322481.50	0:00	0	0:00	0	0:00	0
246	Year-Round Residence	Non-Participating	326442.42	322485.27	0:00	0	0:00	0	0:00	0
247	Year-Round Residence	Non-Participating	326479.68	322503.72	0:00	0	0:00	0	0:00	0
248	Year-Round Residence	Non-Participating	326426.41	322501.31	0:00	0	0:00	0	0:00	0
249	Year-Round Residence	Non-Participating	326456.19	322530.61	0:00	0	0:00	0	0:00	0
250	Year-Round Residence	Non-Participating	326466.70	322517.63	0:00	0	0:00	0	0:00	0
251	Year-Round Residence	Non-Participating	326416.00	322520.18	0:00	0	0:00	0	0:00	0
252	Year-Round Residence	Non-Participating	326227.00	322806.51	0:00	0	0:00	0	0:00	0
253	Year-Round Residence	Non-Participating	326210.33	322834.24	0:00	0	0:00	0	0:00	0
254	Year-Round Residence	Non-Participating	326195.41	322861.34	0:00	0	0:00	0	0:00	0
255	Year-Round Residence	Non-Participating	326177.72	322888.26	0:00	0	0:00	0	0:00	0
256	Year-Round Residence	Non-Participating	326191.78	322947.31	0:00	0	0:00	0	0:00	0
257	Year-Round Residence	Non-Participating	326150.47	323023.01	0:00	0	0:00	0	0:00	0
258	Year-Round Residence	Non-Participating	326109.80	323093.80	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
259	Year-Round Residence	Non-Participating	326072.00	323131.30	0:00	0	0:00	0	0:00	0
260	Year-Round Residence	Non-Participating	326035.11	323102.98	0:00	0	0:00	0	0:00	0
261	Year-Round Residence	Non-Participating	326056.55	323076.44	0:00	0	0:00	0	0:00	0
262	Year-Round Residence	Non-Participating	325970.90	323084.49	0:00	0	0:00	0	0:00	0
263	Year-Round Residence	Non-Participating	325936.56	323044.95	0:00	0	0:00	0	0:00	0
264	Year-Round Residence	Non-Participating	325904.31	323193.03	0:00	0	0:00	0	0:00	0
265	Year-Round Residence	Non-Participating	325943.43	323165.91	0:00	0	0:00	0	0:00	0
266	Year-Round Residence	Non-Participating	325688.94	323400.19	0:00	0	0:00	0	0:00	0
267	Year-Round Residence	Non-Participating	325817.19	323510.11	0:00	0	0:00	0	0:00	0
268	Year-Round Residence	Non-Participating	326764.17	322468.57	0:00	0	0:00	0	0:00	0
269	Year-Round Residence	Non-Participating	326667.97	322524.18	0:00	0	0:00	0	0:00	0
270	Year-Round Residence	Non-Participating	326667.19	322500.74	0:00	0	0:00	0	0:00	0
271	Year-Round Residence	Non-Participating	326667.43	322475.48	0:00	0	0:00	0	0:00	0
272	Year-Round Residence	Non-Participating	326772.46	322375.42	0:00	0	0:00	0	0:00	0
273	Year-Round Residence	Non-Participating	326794.69	322378.47	0:00	0	0:00	0	0:00	0
274	Year-Round Residence	Non-Participating	326835.43	322373.90	0:00	0	0:00	0	0:00	0
275	Year-Round Residence	Non-Participating	326857.51	322364.40	0:00	0	0:00	0	0:00	0
276	Year-Round Residence	Non-Participating	327017.05	322368.48	0:00	0	0:00	0	0:00	0
277	Year-Round Residence	Non-Participating	327014.10	322408.47	0:00	0	0:00	0	0:00	0
278	Year-Round Residence	Non-Participating	327070.14	322361.95	0:00	0	0:00	0	0:00	0
279	Year-Round Residence	Non-Participating	327064.61	322406.58	0:00	0	0:00	0	0:00	0
280	Year-Round Residence	Non-Participating	327062.33	322434.71	0:00	0	0:00	0	0:00	0
281	Year-Round Residence	Non-Participating	327012.01	322453.20	0:00	0	0:00	0	0:00	0
282	Year-Round Residence	Non-Participating	327052.19	322456.35	0:00	0	0:00	0	0:00	0
283	Year-Round Residence	Non-Participating	327011.15	322470.72	0:00	0	0:00	0	0:00	0
284	Year-Round Residence	Non-Participating	327049.08	322486.06	0:00	0	0:00	0	0:00	0
285	Year-Round Residence	Non-Participating	327006.93	322488.90	0:00	0	0:00	0	0:00	0
286	Year-Round Residence	Non-Participating	327009.30	322509.29	0:00	0	0:00	0	0:00	0
287	Year-Round Residence	Non-Participating	327049.92	322507.28	0:00	0	0:00	0	0:00	0
288	Year-Round Residence	Non-Participating	327047.19	322527.68	0:00	0	0:00	0	0:00	0
289	Year-Round Residence	Non-Participating	327010.17	322539.49	0:00	0	0:00	0	0:00	0
290	Year-Round Residence	Non-Participating	327048.54	322557.17	0:00	0	0:00	0	0:00	0
291	Year-Round Residence	Non-Participating	327008.82	322564.09	0:00	0	0:00	0	0:00	0
292	Year-Round Residence	Non-Participating	327007.63	322604.11	0:00	0	0:00	0	0:00	0
293	Year-Round Residence	Non-Participating	327045.16	322605.78	0:00	0	0:00	0	0:00	0
294	Year-Round Residence	Non-Participating	327036.80	322645.48	0:00	0	0:00	0	0:00	0
295	Year-Round Residence	Non-Participating	326993.27	322655.28	0:00	0	0:00	0	0:00	0
296	Year-Round Residence	Non-Participating	326996.76	322700.81	0:00	0	0:00	0	0:00	0
297	Year-Round Residence	Non-Participating	327036.11	322748.56	0:00	0	0:00	0	0:00	0
298	Year-Round Residence	Non-Participating	327035.61	322730.62	0:00	0	0:00	0	0:00	0
299	Year-Round Residence	Non-Participating	327000.50	322800.86	0:00	0	0:00	0	0:00	0
300	Year-Round Residence	Non-Participating	326998.44	322835.24	0:00	0	0:00	0	0:00	0
301	Year-Round Residence	Non-Participating	327005.40	322897.63	0:00	0	0:00	0	0:00	0
302	Year-Round Residence	Non-Participating	327001.16	322943.95	0:00	0	0:00	0	0:00	0
303	Year-Round Residence	Non-Participating	326998.03	322995.17	0:00	0	0:00	0	0:00	0
304	Year-Round Residence	Non-Participating	327057.28	322984.81	0:00	0	0:00	0	0:00	0
305	Year-Round Residence	Non-Participating	327063.23	323118.10	0:00	0	0:00	0	0:00	0
306	Year-Round Residence	Non-Participating	327084.97	322277.60	0:00	0	0:00	0	0:00	0
307	Year-Round Residence	Non-Participating	327101.06	322276.03	0:00	0	0:00	0	0:00	0
308	Year-Round Residence	Non-Participating	327092.26	322255.75	0:00	0	0:00	0	0:00	0
309	Year-Round Residence	Non-Participating	327118.07	322271.47	0:00	0	0:00	0	0:00	0
310	Year-Round Residence	Non-Participating	327107.75	322199.90	0:00	0	0:00	0	0:00	0
311	Year-Round Residence	Non-Participating	327113.54	322169.88	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
312	Year-Round Residence	Non-Participating	327123.78	322147.08	0:00	0	0:00	0	0:00	0
313	Year-Round Residence	Non-Participating	327125.02	322122.95	0:00	0	0:00	0	0:00	0
314	Year-Round Residence	Non-Participating	327158.31	322084.68	0:00	0	0:00	0	0:00	0
315	Year-Round Residence	Non-Participating	327160.79	322017.54	0:00	0	0:00	0	0:00	0
316	Year-Round Residence	Non-Participating	327165.20	321991.53	0:00	0	0:00	0	0:00	0
317	Year-Round Residence	Non-Participating	327185.01	321918.60	0:00	0	0:00	0	0:00	0
318	Year-Round Residence	Non-Participating	327132.91	322274.37	0:00	0	0:00	0	0:00	0
319	Year-Round Residence	Non-Participating	327162.34	322271.36	0:00	0	0:00	0	0:00	0
320	Year-Round Residence	Non-Participating	327114.11	322352.00	0:00	0	0:00	0	0:00	0
321	Year-Round Residence	Non-Participating	327132.91	322345.07	0:00	0	0:00	0	0:00	0
322	Year-Round Residence	Non-Participating	327148.05	322342.39	0:00	0	0:00	0	0:00	0
323	Year-Round Residence	Non-Participating	327168.67	322343.92	0:00	0	0:00	0	0:00	0
324	Year-Round Residence	Non-Participating	327202.22	322336.59	0:00	0	0:00	0	0:00	0
325	Year-Round Residence	Non-Participating	327319.35	322328.27	0:00	0	0:00	0	0:00	0
326	Year-Round Residence	Non-Participating	327273.31	322243.51	0:00	0	0:00	0	0:00	0
327	Year-Round Residence	Non-Participating	327224.69	322185.11	0:00	0	0:00	0	0:00	0
328	Year-Round Residence	Non-Participating	327289.47	322184.90	0:00	0	0:00	0	0:00	0
329	Year-Round Residence	Non-Participating	327295.13	322148.05	0:00	0	0:00	0	0:00	0
330	Year-Round Residence	Non-Participating	327247.53	322107.59	0:00	0	0:00	0	0:00	0
331	Year-Round Residence	Non-Participating	327297.36	322088.44	0:00	0	0:00	0	0:00	0
332	Year-Round Residence	Non-Participating	327247.87	322075.51	0:00	0	0:00	0	0:00	0
333	Year-Round Residence	Non-Participating	327295.30	322051.27	0:00	0	0:00	0	0:00	0
334	Year-Round Residence	Non-Participating	327246.89	322042.21	0:00	0	0:00	0	0:00	0
335	Year-Round Residence	Non-Participating	327239.89	321980.71	0:00	0	0:00	0	0:00	0
336	Year-Round Residence	Non-Participating	327294.91	322020.27	0:00	0	0:00	0	0:00	0
337	Year-Round Residence	Non-Participating	327295.96	321998.04	0:00	0	0:00	0	0:00	0
338	Year-Round Residence	Non-Participating	327317.86	322402.15	0:00	0	0:00	0	0:00	0
339	Year-Round Residence	Non-Participating	327355.37	322379.77	0:00	0	0:00	0	0:00	0
340	Year-Round Residence	Non-Participating	327387.67	322332.34	0:00	0	0:00	0	0:00	0
341	Year-Round Residence	Non-Participating	327436.74	322398.18	0:00	0	0:00	0	0:00	0
342	Year-Round Residence	Non-Participating	327487.04	322406.38	0:00	0	0:00	0	0:00	0
343	Year-Round Residence	Non-Participating	327439.61	322343.42	0:00	0	0:00	0	0:00	0
344	Year-Round Residence	Non-Participating	327578.97	322416.61	0:00	0	0:00	0	0:00	0
345	Year-Round Residence	Non-Participating	327671.56	322409.46	0:00	0	0:00	0	0:00	0
346	Year-Round Residence	Non-Participating	327708.66	322385.94	0:00	0	0:00	0	0:00	0
347	Year-Round Residence	Non-Participating	327737.69	322342.00	0:00	0	0:00	0	0:00	0
348	Year-Round Residence	Non-Participating	327518.29	322232.30	0:00	0	0:00	0	0:00	0
349	Year-Round Residence	Non-Participating	327593.63	322175.43	0:00	0	0:00	0	0:00	0
350	Year-Round Residence	Non-Participating	327774.36	322239.03	0:00	0	0:00	0	0:00	0
351	Year-Round Residence	Non-Participating	327864.16	322252.21	0:00	0	0:00	0	0:00	0
352	Year-Round Residence	Non-Participating	327826.81	322403.84	0:00	0	0:00	0	0:00	0
353	Year-Round Residence	Non-Participating	327746.85	322493.71	0:00	0	0:00	0	0:00	0
354	Year-Round Residence	Non-Participating	327758.44	322544.07	0:00	0	0:00	0	0:00	0
355	Year-Round Residence	Non-Participating	327784.93	322350.08	0:00	0	0:00	0	0:00	0
356	Year-Round Residence	Non-Participating	327875.00	322466.16	0:00	0	0:00	0	0:00	0
357	Year-Round Residence	Non-Participating	327741.07	322620.50	0:00	0	0:00	0	0:00	0
358	Year-Round Residence	Non-Participating	328115.21	322400.23	0:00	0	0:00	0	0:00	0
359	Year-Round Residence	Non-Participating	328080.29	322374.43	0:00	0	0:00	0	0:00	0
360	Year-Round Residence	Non-Participating	328167.59	322441.83	0:00	0	0:00	0	0:00	0
361	Year-Round Residence	Non-Participating	328245.38	322456.12	0:00	0	0:00	0	0:00	0
362	Year-Round Residence	Non-Participating	328243.96	322366.18	0:00	0	0:00	0	0:00	0
363	Year-Round Residence	Non-Participating	328505.63	322591.87	0:00	0	0:00	0	0:00	0
364	Year-Round Residence	Non-Participating	328604.56	322462.73	0:00	0	0:00	0	0:00	0



Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
365	Year-Round Residence	Non-Participating	328657.15	322615.95	0:00	0	0:00	0	0:00	0
366	Year-Round Residence	Non-Participating	328591.63	322598.68	0:00	0	0:00	0	0:00	0
367	Year-Round Residence	Non-Participating	328730.35	322476.93	0:00	0	0:00	0	0:00	0
368	Year-Round Residence	Non-Participating	328765.82	322449.94	0:00	0	0:00	0	0:00	0
369	Year-Round Residence	Non-Participating	328804.74	322411.32	0:00	0	0:00	0	0:00	0
370	Year-Round Residence	Non-Participating	329071.43	322221.22	0:00	0	0:00	0	0:00	0
371	Year-Round Residence	Non-Participating	329113.31	322215.70	0:00	0	0:00	0	0:00	0
372	Year-Round Residence	Non-Participating	329262.00	322182.15	0:00	0	0:00	0	0:00	0
373	Year-Round Residence	Non-Participating	329215.75	322259.64	0:00	0	0:00	0	0:00	0
374	Year-Round Residence	Non-Participating	329242.99	322252.10	0:00	0	0:00	0	0:00	0
375	Year-Round Residence	Non-Participating	329546.99	322190.42	0:00	0	0:00	0	0:00	0
376	Year-Round Residence	Non-Participating	329633.74	322049.85	0:00	0	0:00	0	0:00	0
377	Year-Round Residence	Non-Participating	329680.48	322018.00	0:00	0	0:00	0	0:00	0
378	Year-Round Residence	Non-Participating	329887.83	321957.02	0:00	0	0:00	0	0:00	0
379	Year-Round Residence	Non-Participating	329943.11	321669.34	0:00	0	0:00	0	0:00	0
380	Year-Round Residence	Non-Participating	329902.24	321543.82	0:00	0	0:00	0	0:00	0
381	Year-Round Residence	Non-Participating	329960.18	321479.68	0:00	0	0:00	0	0:00	0
382	Year-Round Residence	Non-Participating	330037.86	321542.29	0:00	0	0:00	0	0:00	0
383	Year-Round Residence	Non-Participating	328668.88	320701.85	0:00	0	0:00	0	0:00	0
384	Year-Round Residence	Non-Participating	325747.82	322512.27	0:00	0	0:00	0	0:00	0
385	Year-Round Residence	Non-Participating	325691.36	322432.79	0:00	0	0:00	0	0:00	0
386	Year-Round Residence	Non-Participating	325362.64	322473.94	0:00	0	0:00	0	0:00	0
387	Year-Round Residence	Non-Participating	325260.28	322501.80	0:00	0	0:00	0	0:00	0
388	Year-Round Residence	Non-Participating	325202.18	322562.82	0:00	0	0:00	0	0:00	0
389	Year-Round Residence	Non-Participating	325221.35	322646.99	0:00	0	0:00	0	0:00	0
390	Year-Round Residence	Non-Participating	325131.89	322598.09	0:00	0	0:00	0	0:00	0
391	Year-Round Residence	Non-Participating	325085.68	322631.06	0:00	0	0:00	0	0:00	0
392	Year-Round Residence	Non-Participating	325035.21	322647.49	0:00	0	0:00	0	0:00	0
393	Year-Round Residence	Non-Participating	324888.97	322796.77	0:00	0	0:00	0	0:00	0
395	Year-Round Residence	Non-Participating	324475.83	322913.65	0:00	0	0:00	0	0:00	0
396	Year-Round Residence	Non-Participating	324407.34	322935.86	0:00	0	0:00	0	0:00	0
397	Year-Round Residence	Non-Participating	324446.86	322724.30	0:00	0	0:00	0	0:00	0
398	Year-Round Residence	Non-Participating	324572.41	322733.08	0:00	0	0:00	0	0:00	0
399	Year-Round Residence	Non-Participating	324536.65	322669.04	0:00	0	0:00	0	0:00	0
400	Year-Round Residence	Non-Participating	324387.22	322517.43	0:00	0	0:00	0	0:00	0
401	Year-Round Residence	Non-Participating	324427.60	322410.56	0:00	0	0:00	0	0:00	0
402	Year-Round Residence	Non-Participating	324386.26	322459.87	0:00	0	0:00	0	0:00	0
403	Year-Round Residence	Non-Participating	324348.99	322205.28	0:00	0	0:00	0	0:00	0
404	Year-Round Residence	Non-Participating	324459.52	322181.24	0:00	0	0:00	0	0:00	0
405	Year-Round Residence	Non-Participating	324372.32	321726.74	0:00	0	0:00	0	0:00	0
406	Year-Round Residence	Non-Participating	324464.71	321669.41	0:00	0	0:00	0	0:00	0
407	Year-Round Residence	Non-Participating	324450.11	321630.16	0:00	0	0:00	0	0:00	0
408	Year-Round Residence	Non-Participating	324352.67	321602.86	0:00	0	0:00	0	0:00	0
409	Year-Round Residence	Non-Participating	324306.07	321611.73	0:00	0	0:00	0	0:00	0
410	Year-Round Residence	Non-Participating	324361.75	321305.73	0:00	0	0:00	0	0:00	0
411	Year-Round Residence	Non-Participating	324279.94	321352.65	0:00	0	0:00	0	0:00	0
413	Year-Round Residence	Non-Participating	323942.85	321399.04	0:00	0	0:00	0	0:00	0
414	Year-Round Residence	Non-Participating	324501.52	321125.51	0:00	0	0:00	0	0:00	0
415	Year-Round Residence	Non-Participating	324752.92	320946.95	0:00	0	0:00	0	0:00	0
416	Year-Round Residence	Non-Participating	324684.12	320689.00	0:00	0	0:00	0	0:00	0
417	Year-Round Residence	Non-Participating	324760.65	320664.49	0:00	0	0:00	0	0:00	0
418	Year-Round Residence	Non-Participating	324945.95	321020.41	0:00	0	0:00	0	0:00	0
419	Year-Round Residence	Non-Participating	325245.51	321354.16	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind- Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind- Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
420	Year-Round Residence	Non-Participating	325140.17	321415.46	0:00	0	0:00	0	0:00	0
421	Year-Round Residence	Non-Participating	325273.19	321558.66	0:00	0	0:00	0	0:00	0
422	Year-Round Residence	Non-Participating	325171.43	321725.60	0:00	0	0:00	0	0:00	0
423	Year-Round Residence	Non-Participating	325059.93	321691.52	0:00	0	0:00	0	0:00	0
424	Year-Round Residence	Non-Participating	324976.24	321671.63	0:00	0	0:00	0	0:00	0
425	Year-Round Residence	Non-Participating	324901.86	321672.93	0:00	0	0:00	0	0:00	0
426	Year-Round Residence	Non-Participating	324870.24	321730.51	0:00	0	0:00	0	0:00	0
427	Year-Round Residence	Non-Participating	324705.38	321796.47	0:00	0	0:00	0	0:00	0
428	Year-Round Residence	Non-Participating	325411.66	321661.95	0:00	0	0:00	0	0:00	0
429	Year-Round Residence	Non-Participating	325467.09	321646.17	0:00	0	0:00	0	0:00	0
430	Year-Round Residence	Non-Participating	325612.56	321530.12	0:00	0	0:00	0	0:00	0
431	Year-Round Residence	Non-Participating	325714.35	321444.97	0:00	0	0:00	0	0:00	0
432	Year-Round Residence	Non-Participating	324202.08	322439.62	0:00	0	0:00	0	0:00	0
433	Year-Round Residence	Non-Participating	324165.19	322499.02	0:00	0	0:00	0	0:00	0
434	Year-Round Residence	Non-Participating	324085.25	322502.38	0:00	0	0:00	0	0:00	0
435	Year-Round Residence	Non-Participating	324004.12	322420.23	0:00	0	0:00	0	0:00	0
436	Year-Round Residence	Non-Participating	324053.58	322673.73	0:00	0	0:00	0	0:00	0
437	Year-Round Residence	Non-Participating	323896.71	322619.92	0:00	0	0:00	0	0:00	0
438	Year-Round Residence	Non-Participating	323774.65	322524.35	0:00	0	0:00	0	0:00	0
439	Year-Round Residence	Non-Participating	323707.95	322516.51	0:00	0	0:00	0	0:00	0
440	Year-Round Residence	Non-Participating	323304.56	322386.97	0:00	0	0:00	0	0:00	0
441	Year-Round Residence	Non-Participating	323114.67	322510.49	0:00	0	0:00	0	0:00	0
442	Year-Round Residence	Non-Participating	323207.32	322624.29	0:00	0	0:00	0	0:00	0
443	Year-Round Residence	Non-Participating	324004.61	323147.13	0:00	0	0:00	0	0:00	0
444	Year-Round Residence	Non-Participating	324049.94	323026.37	0:00	0	0:00	0	0:00	0
445	Year-Round Residence	Non-Participating	323933.25	323033.44	0:00	0	0:00	0	0:00	0
446	Year-Round Residence	Non-Participating	323780.69	323004.00	0:00	0	0:00	0	0:00	0
447	Year-Round Residence	Non-Participating	323873.40	323154.64	0:00	0	0:00	0	0:00	0
448	Year-Round Residence	Non-Participating	323550.58	323099.41	0:00	0	0:00	0	0:00	0
449	Year-Round Residence	Non-Participating	323317.56	323288.56	0:00	0	0:00	0	0:00	0
452	Year-Round Residence	Non-Participating	322888.01	323483.97	0:00	0	0:00	0	0:00	0
456	Year-Round Residence	Non-Participating	329977.58	321900.83	0:00	0	0:00	0	0:00	0
457	Year-Round Residence	Non-Participating	329948.82	321900.18	0:00	0	0:00	0	0:00	0
458	Year-Round Residence	Non-Participating	329905.24	322409.79	0:00	0	0:00	0	0:00	0
459	Year-Round Residence	Non-Participating	329939.53	322642.37	0:00	0	0:00	0	0:00	0
460	Year-Round Residence	Non-Participating	329857.45	322954.04	0:00	0	0:00	0	0:00	0
461	Year-Round Residence	Non-Participating	329984.68	323336.66	0:00	0	0:00	0	0:00	0
463	Year-Round Residence	Non-Participating	329945.77	323417.71	0:00	0	0:00	0	0:00	0
464	Year-Round Residence	Non-Participating	330011.66	323421.52	0:00	0	0:00	0	0:00	0
465	Year-Round Residence	Non-Participating	330330.72	323227.03	0:00	0	0:00	0	0:00	0
466	Year-Round Residence	Non-Participating	330332.33	322871.69	0:00	0	0:00	0	0:00	0
467	Year-Round Residence	Non-Participating	330441.67	322861.44	0:00	0	0:00	0	0:00	0
468	Year-Round Residence	Non-Participating	330083.48	323608.56	0:00	0	0:00	0	0:00	0
469	Year-Round Residence	Non-Participating	330003.59	323684.98	0:00	0	0:00	0	0:00	0
470	Year-Round Residence	Non-Participating	330027.36	323878.58	0:00	0	0:00	0	0:00	0
471	Year-Round Residence	Non-Participating	330020.19	323990.33	0:00	0	0:00	0	0:00	0
472	Year-Round Residence	Non-Participating	330136.74	324043.02	0:00	0	0:00	0	0:00	0
473	Year-Round Residence	Non-Participating	329949.10	324269.09	0:00	0	0:00	0	0:00	0
474	Year-Round Residence	Non-Participating	330124.85	324574.71	0:00	0	0:00	0	0:00	0
475	Year-Round Residence	Non-Participating	330085.38	324828.88	0:00	0	0:00	0	0:00	0
476	Year-Round Residence	Non-Participating	330115.34	324892.78	0:00	0	0:00	0	0:00	0
477	Year-Round Residence	Non-Participating	330103.04	324933.39	0:00	0	0:00	0	0:00	0
478	Year-Round Residence	Non-Participating	330086.62	325001.42	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
479	Year-Round Residence	Non-Participating	330079.64	325047.71	0:00	0	0:00	0	0:00	0
480	Year-Round Residence	Non-Participating	329997.46	325045.73	0:00	0	0:00	0	0:00	0
482	Year-Round Residence	Non-Participating	330113.43	325099.39	0:00	0	0:00	0	0:00	0
483	Year-Round Residence	Non-Participating	330134.52	325086.91	0:00	0	0:00	0	0:00	0
485	Year-Round Residence	Non-Participating	330018.53	325123.85	0:00	0	0:00	0	0:00	0
486	Year-Round Residence	Non-Participating	330018.26	325137.96	0:00	0	0:00	0	0:00	0
487	Year-Round Residence	Non-Participating	330059.68	325166.72	0:00	0	0:00	0	0:00	0
488	Year-Round Residence	Non-Participating	330013.69	325173.69	0:00	0	0:00	0	0:00	0
489	Year-Round Residence	Non-Participating	330008.05	325238.32	0:00	0	0:00	0	0:00	0
490	Year-Round Residence	Non-Participating	330049.72	325214.38	0:00	0	0:00	0	0:00	0
492	Year-Round Residence	Non-Participating	330026.74	325413.79	0:00	0	0:00	0	0:00	0
493	Year-Round Residence	Non-Participating	330099.09	325334.14	0:00	0	0:00	0	0:00	0
494	Year-Round Residence	Non-Participating	330129.64	325363.92	0:00	0	0:00	0	0:00	0
495	Year-Round Residence	Non-Participating	330088.31	325520.28	0:00	0	0:00	0	0:00	0
496	Year-Round Residence	Non-Participating	330133.94	325713.33	0:00	0	0:00	0	0:00	0
497	Year-Round Residence	Non-Participating	330131.85	325852.80	0:00	0	0:00	0	0:00	0
498	Year-Round Residence	Non-Participating	330634.49	326436.65	0:00	0	0:00	0	0:00	0
499	Year-Round Residence	Non-Participating	330209.52	325108.52	0:00	0	0:00	0	0:00	0
500	Year-Round Residence	Non-Participating	330550.59	325053.24	0:00	0	0:00	0	0:00	0
501	Year-Round Residence	Non-Participating	331113.94	325036.38	0:00	0	0:00	0	0:00	0
502	Year-Round Residence	Non-Participating	331081.03	325125.58	0:00	0	0:00	0	0:00	0
503	Year-Round Residence	Non-Participating	331043.77	324903.13	0:00	0	0:00	0	0:00	0
504	Year-Round Residence	Non-Participating	330005.17	323534.69	0:00	0	0:00	0	0:00	0
505	Year-Round Residence	Non-Participating	329868.36	323565.09	0:00	0	0:00	0	0:00	0
506	Year-Round Residence	Non-Participating	329347.94	323933.87	0:00	0	0:00	0	0:00	0
507	Year-Round Residence	Non-Participating	329261.79	324196.51	0:00	0	0:00	0	0:00	0
512	Year-Round Residence	Non-Participating	328047.11	323631.85	0:00	0	0:00	0	0:00	0
513	Year-Round Residence	Non-Participating	328120.53	323632.51	0:00	0	0:00	0	0:00	0
514	Year-Round Residence	Non-Participating	328089.58	323546.51	0:00	0	0:00	0	0:00	0
515	Year-Round Residence	Non-Participating	328484.82	323537.93	0:00	0	0:00	0	0:00	0
517	Year-Round Residence	Non-Participating	328845.65	323707.96	0:00	0	0:00	0	0:00	0
518	Year-Round Residence	Non-Participating	329095.79	323724.23	0:00	0	0:00	0	0:00	0
519	Year-Round Residence	Non-Participating	329151.41	324162.39	0:00	0	0:00	0	0:00	0
520	Year-Round Residence	Non-Participating	329226.49	324277.09	0:00	0	0:00	0	0:00	0
521	Year-Round Residence	Non-Participating	329479.82	324404.19	0:00	0	0:00	0	0:00	0
522	Year-Round Residence	Non-Participating	329505.25	324598.68	0:00	0	0:00	0	0:00	0
523	Year-Round Residence	Non-Participating	329552.43	324699.69	0:00	0	0:00	0	0:00	0
524	Year-Round Residence	Non-Participating	329811.75	325017.99	0:00	0	0:00	0	0:00	0
526	Year-Round Residence	Non-Participating	328948.12	324656.34	0:00	0	0:00	0	0:00	0
533	Year-Round Residence	Non-Participating	329056.75	325208.36	0:00	0	0:00	0	0:00	0
534	Year-Round Residence	Non-Participating	329104.31	325224.48	0:00	0	0:00	0	0:00	0
535	Year-Round Residence	Non-Participating	329171.23	325228.41	0:00	0	0:00	0	0:00	0
536	Year-Round Residence	Non-Participating	329416.20	325057.07	0:00	0	0:00	0	0:00	0
538	Year-Round Residence	Non-Participating	326996.77	323448.82	0:00	0	0:00	0	0:00	0
558	Year-Round Residence	Non-Participating	327981.66	325844.33	0:00	0	0:00	0	0:00	0
559	Year-Round Residence	Non-Participating	328020.08	326073.13	0:00	0	0:00	0	0:00	0
560	Year-Round Residence	Non-Participating	327572.80	326269.47	0:00	0	0:00	0	0:00	0
561	Year-Round Residence	Non-Participating	327421.78	326374.56	0:00	0	0:00	0	0:00	0
562	Year-Round Residence	Non-Participating	327466.54	326447.32	0:00	0	0:00	0	0:00	0
563	Year-Round Residence	Non-Participating	327098.61	326609.78	0:00	0	0:00	0	0:00	0
564	Year-Round Residence	Non-Participating	327018.60	326644.87	0:00	0	0:00	0	0:00	0
565	Year-Round Residence	Non-Participating	327038.44	326770.60	0:00	0	0:00	0	0:00	0
566	Year-Round Residence	Non-Participating	326830.62	326745.87	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) &amp; Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
567	Year-Round Residence	Non-Participating	326755.68	326841.46	0:00	0	0:00	0	0:00	0
568	Year-Round Residence	Non-Participating	326594.75	326866.98	0:00	0	0:00	0	0:00	0
569	Year-Round Residence	Non-Participating	326506.05	326868.43	0:00	0	0:00	0	0:00	0
570	Year-Round Residence	Non-Participating	326639.50	326964.12	0:00	0	0:00	0	0:00	0
571	Year-Round Residence	Non-Participating	326564.98	327009.89	0:00	0	0:00	0	0:00	0
572	Year-Round Residence	Non-Participating	326701.57	327022.18	0:00	0	0:00	0	0:00	0
573	Year-Round Residence	Non-Participating	326607.05	327077.44	0:00	0	0:00	0	0:00	0
574	Year-Round Residence	Non-Participating	326739.57	327093.25	0:00	0	0:00	0	0:00	0
575	Year-Round Residence	Non-Participating	326855.73	327172.07	0:00	0	0:00	0	0:00	0
576	Year-Round Residence	Non-Participating	326659.48	327221.49	0:00	0	0:00	0	0:00	0
577	Year-Round Residence	Non-Participating	326775.48	327244.34	0:00	0	0:00	0	0:00	0
578	Year-Round Residence	Non-Participating	326695.98	327292.67	0:00	0	0:00	0	0:00	0
579	Year-Round Residence	Non-Participating	326792.03	327297.26	0:00	0	0:00	0	0:00	0
580	Year-Round Residence	Non-Participating	326896.33	327387.16	0:00	0	0:00	0	0:00	0
581	Year-Round Residence	Non-Participating	326908.21	327453.02	0:00	0	0:00	0	0:00	0
582	Year-Round Residence	Non-Participating	328464.84	327214.81	0:00	0	0:00	0	0:00	0
583	Year-Round Residence	Non-Participating	328548.86	322814.99	0:00	0	0:00	0	0:00	0
584	Year-Round Residence	Non-Participating	328501.26	322867.24	0:00	0	0:00	0	0:00	0
585	Year-Round Residence	Non-Participating	328475.00	323052.29	0:00	0	0:00	0	0:00	0
586	Year-Round Residence	Non-Participating	330070.41	326271.36	0:00	0	0:00	0	0:00	0
587	Year-Round Residence	Non-Participating	329980.77	326335.86	0:00	0	0:00	0	0:00	0
588	Year-Round Residence	Non-Participating	329865.75	326348.73	0:00	0	0:00	0	0:00	0
590	Year-Round Residence	Non-Participating	329909.52	326586.66	0:00	0	0:00	0	0:00	0
591	Year-Round Residence	Non-Participating	329674.57	326862.50	0:00	0	0:00	0	0:00	0
592	Year-Round Residence	Non-Participating	329741.46	327247.66	0:00	0	0:00	0	0:00	0
593	Year-Round Residence	Non-Participating	329667.33	327452.83	0:00	0	0:00	0	0:00	0
594	Year-Round Residence	Non-Participating	329786.61	327570.30	0:00	0	0:00	0	0:00	0
595	Year-Round Residence	Non-Participating	329659.26	327523.82	0:00	0	0:00	0	0:00	0
596	Year-Round Residence	Non-Participating	329665.46	327778.01	0:00	0	0:00	0	0:00	0
597	Year-Round Residence	Non-Participating	329876.60	327713.09	0:00	0	0:00	0	0:00	0
598	Year-Round Residence	Non-Participating	329690.66	326380.12	0:00	0	0:00	0	0:00	0
599	Year-Round Residence	Non-Participating	329493.20	326408.86	0:00	0	0:00	0	0:00	0
600	Year-Round Residence	Non-Participating	329088.24	326818.38	0:00	0	0:00	0	0:00	0
601	Year-Round Residence	Non-Participating	328838.10	327314.44	0:00	0	0:00	0	0:00	0
603	Year-Round Residence	Non-Participating	328540.83	327937.99	0:00	0	0:00	0	0:00	0
604	Year-Round Residence	Non-Participating	328548.14	328125.00	0:00	0	0:00	0	0:00	0
605	Year-Round Residence	Non-Participating	328511.74	328266.48	0:00	0	0:00	0	0:00	0
606	Year-Round Residence	Non-Participating	328475.05	328349.28	0:00	0	0:00	0	0:00	0
607	Year-Round Residence	Non-Participating	328476.55	328401.65	0:00	0	0:00	0	0:00	0
608	Year-Round Residence	Non-Participating	328381.01	328457.39	0:00	0	0:00	0	0:00	0
609	Year-Round Residence	Non-Participating	327895.13	327465.04	0:00	0	0:00	0	0:00	0
610	Year-Round Residence	Non-Participating	327415.20	327653.33	0:00	0	0:00	0	0:00	0
611	Year-Round Residence	Non-Participating	327588.98	327484.75	0:00	0	0:00	0	0:00	0
612	Year-Round Residence	Non-Participating	327835.02	327094.72	0:00	0	0:00	0	0:00	0
613	Year-Round Residence	Non-Participating	327781.47	327118.13	0:00	0	0:00	0	0:00	0
614	Year-Round Residence	Non-Participating	327762.70	327142.24	0:00	0	0:00	0	0:00	0
615	Year-Round Residence	Non-Participating	327678.01	326917.60	0:00	0	0:00	0	0:00	0
616	Year-Round Residence	Non-Participating	327470.70	326839.66	0:00	0	0:00	0	0:00	0
621	Year-Round Residence	Non-Participating	326701.99	326079.42	0:00	0	0:00	0	0:00	0
622	Year-Round Residence	Non-Participating	326602.66	326054.42	0:00	0	0:00	0	0:00	0
623	Year-Round Residence	Non-Participating	326586.41	326168.23	0:00	0	0:00	0	0:00	0
624	Year-Round Residence	Non-Participating	326584.79	326238.63	0:00	0	0:00	0	0:00	0
625	Year-Round Residence	Non-Participating	326411.39	326280.73	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
626	Year-Round Residence	Non-Participating	326477.82	326395.59	0:00	0	0:00	0	0:00	0
627	Year-Round Residence	Non-Participating	326441.62	326451.40	0:00	0	0:00	0	0:00	0
628	Year-Round Residence	Non-Participating	326401.74	326599.84	0:00	0	0:00	0	0:00	0
629	Year-Round Residence	Non-Participating	326481.82	326785.91	0:00	0	0:00	0	0:00	0
630	Year-Round Residence	Non-Participating	326414.92	326914.05	0:00	0	0:00	0	0:00	0
631	Year-Round Residence	Non-Participating	326326.64	326919.04	0:00	0	0:00	0	0:00	0
632	Year-Round Residence	Non-Participating	326246.96	326933.13	0:00	0	0:00	0	0:00	0
633	Year-Round Residence	Non-Participating	326142.75	326931.26	0:00	0	0:00	0	0:00	0
634	Year-Round Residence	Non-Participating	325950.33	326982.90	0:00	0	0:00	0	0:00	0
635	Year-Round Residence	Non-Participating	325740.63	327009.10	0:00	0	0:00	0	0:00	0
636	Year-Round Residence	Non-Participating	325672.13	327507.94	0:00	0	0:00	0	0:00	0
637	Year-Round Residence	Non-Participating	325700.00	327630.91	0:00	0	0:00	0	0:00	0
638	Year-Round Residence	Non-Participating	325672.34	328040.57	0:00	0	0:00	0	0:00	0
639	Year-Round Residence	Non-Participating	325746.08	328063.11	0:00	0	0:00	0	0:00	0
640	Year-Round Residence	Non-Participating	325691.72	328124.28	0:00	0	0:00	0	0:00	0
641	Year-Round Residence	Non-Participating	325711.11	328221.86	0:00	0	0:00	0	0:00	0
642	Year-Round Residence	Non-Participating	325744.19	328336.83	0:00	0	0:00	0	0:00	0
643	Year-Round Residence	Non-Participating	325674.29	328375.31	0:00	0	0:00	0	0:00	0
644	Year-Round Residence	Non-Participating	326012.20	328401.63	0:00	0	0:00	0	0:00	0
645	Year-Round Residence	Non-Participating	326152.27	328506.18	0:00	0	0:00	0	0:00	0
646	Year-Round Residence	Non-Participating	326113.01	328409.67	0:00	0	0:00	0	0:00	0
647	Year-Round Residence	Non-Participating	326212.02	328424.82	0:00	0	0:00	0	0:00	0
648	Year-Round Residence	Non-Participating	326318.65	328501.06	0:00	0	0:00	0	0:00	0
649	Year-Round Residence	Non-Participating	326410.82	328582.70	0:00	0	0:00	0	0:00	0
650	Year-Round Residence	Non-Participating	326493.76	328550.96	0:00	0	0:00	0	0:00	0
651	Year-Round Residence	Non-Participating	326851.80	328497.00	0:00	0	0:00	0	0:00	0
652	Year-Round Residence	Non-Participating	326613.69	328392.95	0:00	0	0:00	0	0:00	0
662	Year-Round Residence	Non-Participating	325969.48	325710.06	0:00	0	0:00	0	0:00	0
663	Year-Round Residence	Non-Participating	325700.57	326014.11	0:00	0	0:00	0	0:00	0
664	Year-Round Residence	Non-Participating	325743.82	326057.97	0:00	0	0:00	0	0:00	0
665	Year-Round Residence	Non-Participating	325751.65	326129.23	0:00	0	0:00	0	0:00	0
666	Year-Round Residence	Non-Participating	325754.69	326203.32	0:00	0	0:00	0	0:00	0
667	Year-Round Residence	Non-Participating	325736.82	326261.21	0:00	0	0:00	0	0:00	0
668	Year-Round Residence	Non-Participating	325744.91	326331.06	0:00	0	0:00	0	0:00	0
669	Year-Round Residence	Non-Participating	325747.75	326429.03	0:00	0	0:00	0	0:00	0
670	Year-Round Residence	Non-Participating	325750.08	326486.12	0:00	0	0:00	0	0:00	0
671	Year-Round Residence	Non-Participating	325854.60	326663.33	0:00	0	0:00	0	0:00	0
672	Year-Round Residence	Non-Participating	325425.65	326994.85	0:00	0	0:00	0	0:00	0
673	Year-Round Residence	Non-Participating	325104.03	327882.84	0:00	0	0:00	0	0:00	0
674	Year-Round Residence	Non-Participating	325016.17	327892.05	0:00	0	0:00	0	0:00	0
675	Year-Round Residence	Non-Participating	324942.80	328055.65	0:00	0	0:00	0	0:00	0
676	Year-Round Residence	Non-Participating	324115.74	328036.99	0:00	0	0:00	0	0:00	0
677	Year-Round Residence	Non-Participating	324313.27	327911.51	0:00	0	0:00	0	0:00	0
681	Year-Round Residence	Non-Participating	325155.76	326738.40	0:00	0	0:00	0	0:00	0
687	Year-Round Residence	Non-Participating	323607.51	327541.12	0:00	0	0:00	0	0:00	0
688	Year-Round Residence	Non-Participating	323634.85	327473.47	0:00	0	0:00	0	0:00	0
689	Year-Round Residence	Non-Participating	323667.47	327422.53	0:00	0	0:00	0	0:00	0
694	Year-Round Residence	Non-Participating	324022.63	326186.20	0:00	0	0:00	0	0:00	0
696	Year-Round Residence	Non-Participating	324194.77	325741.25	0:00	0	0:00	0	0:00	0
713	Year-Round Residence	Non-Participating	323281.10	323143.80	0:00	0	0:00	0	0:00	0
714	Seasonal Residence	Non-Participating	325745.16	321821.92	0:00	0	0:00	0	0:00	0
716	Seasonal Residence	Non-Participating	325343.12	327976.48	0:00	0	0:00	0	0:00	0
717	Seasonal Residence	Non-Participating	325366.04	327983.59	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
718	Seasonal Residence	Non-Participating	325345.23	327936.13	0:00	0	0:00	0	0:00	0
719	Seasonal Residence	Non-Participating	325377.89	327944.19	0:00	0	0:00	0	0:00	0
720	Seasonal Residence	Non-Participating	325400.21	327958.17	0:00	0	0:00	0	0:00	0
721	Seasonal Residence	Non-Participating	325356.06	327914.30	0:00	0	0:00	0	0:00	0
722	Seasonal Residence	Non-Participating	325371.98	327892.02	0:00	0	0:00	0	0:00	0
723	Seasonal Residence	Non-Participating	325400.05	327932.38	0:00	0	0:00	0	0:00	0
724	Seasonal Residence	Non-Participating	325402.60	327910.25	0:00	0	0:00	0	0:00	0
725	Seasonal Residence	Non-Participating	325418.02	327904.20	0:00	0	0:00	0	0:00	0
726	Seasonal Residence	Non-Participating	325409.08	327888.46	0:00	0	0:00	0	0:00	0
727	Seasonal Residence	Non-Participating	325419.54	327876.89	0:00	0	0:00	0	0:00	0
728	Seasonal Residence	Non-Participating	325413.45	328009.73	0:00	0	0:00	0	0:00	0
729	Seasonal Residence	Non-Participating	325393.45	327973.71	0:00	0	0:00	0	0:00	0
730	Seasonal Residence	Non-Participating	325454.06	328015.84	0:00	0	0:00	0	0:00	0
731	Seasonal Residence	Non-Participating	325480.37	328044.51	0:00	0	0:00	0	0:00	0
732	Seasonal Residence	Non-Participating	325490.48	328033.29	0:00	0	0:00	0	0:00	0
733	Seasonal Residence	Non-Participating	325471.95	328003.69	0:00	0	0:00	0	0:00	0
734	Seasonal Residence	Non-Participating	325483.03	327995.61	0:00	0	0:00	0	0:00	0
735	Seasonal Residence	Non-Participating	325547.38	328013.83	0:00	0	0:00	0	0:00	0
736	Seasonal Residence	Non-Participating	325563.23	328024.46	0:00	0	0:00	0	0:00	0
737	Seasonal Residence	Non-Participating	325516.86	328018.94	0:00	0	0:00	0	0:00	0
738	Seasonal Residence	Non-Participating	325514.02	328002.52	0:00	0	0:00	0	0:00	0
739	Seasonal Residence	Non-Participating	325531.43	327979.98	0:00	0	0:00	0	0:00	0
740	Seasonal Residence	Non-Participating	325629.78	328003.20	0:00	0	0:00	0	0:00	0
741	Seasonal Residence	Non-Participating	325543.56	327921.70	0:00	0	0:00	0	0:00	0
742	Seasonal Residence	Non-Participating	325596.85	327929.07	0:00	0	0:00	0	0:00	0
743	Seasonal Residence	Non-Participating	325583.77	327965.54	0:00	0	0:00	0	0:00	0
744	Seasonal Residence	Non-Participating	325602.10	327960.98	0:00	0	0:00	0	0:00	0
745	Seasonal Residence	Non-Participating	325561.30	327937.44	0:00	0	0:00	0	0:00	0
746	Seasonal Residence	Non-Participating	325446.29	328026.82	0:00	0	0:00	0	0:00	0
747	Seasonal Residence	Non-Participating	325658.48	328135.24	0:00	0	0:00	0	0:00	0
748	Seasonal Residence	Non-Participating	325661.48	326324.43	0:00	0	0:00	0	0:00	0
878	Year-Round Residence	Non-Participating	325945.81	326888.42	0:00	0	0:00	0	0:00	0
940	Year-Round Residence	Non-Participating	327613.59	320420.17	0:00	0	0:00	0	0:00	0
998	Year-Round Residence	Non-Participating	324166.93	321721.96	0:00	0	0:00	0	0:00	0
1003	Year-Round Residence	Non-Participating	324046.35	321189.46	0:00	0	0:00	0	0:00	0
1025	Year-Round Residence	Non-Participating	330339.16	322901.61	0:00	0	0:00	0	0:00	0
1122	Year-Round Residence	Non-Participating	325000.23	327144.27	0:00	0	0:00	0	0:00	0
1129	Year-Round Residence	Non-Participating	324047.36	325972.98	0:00	0	0:00	0	0:00	0
1144	Year-Round Residence	Non-Participating	325887.36	323375.87	0:00	0	0:00	0	0:00	0
1145	Year-Round Residence	Non-Participating	325890.11	323346.79	0:00	0	0:00	0	0:00	0
1147	Year-Round Residence	Non-Participating	329880.15	322685.06	0:00	0	0:00	0	0:00	0
1148	Year-Round Residence	Non-Participating	329952.55	325105.23	0:00	0	0:00	0	0:00	0
1152	Year-Round Residence	Non-Participating	328507.39	328156.85	0:00	0	0:00	0	0:00	0
1166	Year-Round Residence	Non-Participating	325724.92	327986.21	0:00	0	0:00	0	0:00	0
1167	Year-Round Residence	Non-Participating	326355.85	328616.48	0:00	0	0:00	0	0:00	0
1168	Year-Round Residence	Non-Participating	326482.93	326886.36	0:00	0	0:00	0	0:00	0
1169	Year-Round Residence	Non-Participating	326681.45	327386.34	0:00	0	0:00	0	0:00	0
1176	Year-Round Residence	Non-Participating	330335.09	324905.12	0:00	0	0:00	0	0:00	0
1177	Year-Round Residence	Non-Participating	330153.01	325466.87	0:00	0	0:00	0	0:00	0
1178	Year-Round Residence	Non-Participating	324583.88	320893.66	0:00	0	0:00	0	0:00	0
1179	Year-Round Residence	Non-Participating	327064.62	323283.95	0:00	0	0:00	0	0:00	0
1183	Year-Round Residence	Non-Participating	328511.02	322768.13	0:00	0	0:00	0	0:00	0
1275	Year-Round Residence	Non-Participating	322070.83	327704.69	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1365	Year-Round Residence	Non-Participating	320539.86	330746.94	0:00	0	0:00	0	0:00	0
1406	Year-Round Residence	Non-Participating	319551.11	322646.06	0:00	0	0:00	0	0:00	0
1409	Year-Round Residence	Non-Participating	323113.39	320090.60	0:00	0	0:00	0	0:00	0
1419	Seasonal Residence	Non-Participating	313209.56	328767.83	0:00	0	0:00	0	0:00	0
1421	Seasonal Residence	Non-Participating	316258.35	332105.08	0:00	0	29:19	1759	29:19	1759
1422	Seasonal Residence	Non-Participating	317821.10	332559.73	0:00	0	10:18	618	10:18	618
1423	Seasonal Residence	Non-Participating	316491.12	329705.46	0:00	0	0:00	0	0:00	0
1425	Seasonal Residence	Non-Participating	313664.39	325982.83	0:00	0	0:00	0	0:00	0
1433	Seasonal Residence	Non-Participating	319901.71	329969.79	0:00	0	0:00	0	0:00	0
1434	Seasonal Residence	Non-Participating	323920.16	328604.23	0:00	0	0:00	0	0:00	0
1439	Year-Round Residence	Non-Participating	312967.76	326979.39	0:00	0	0:00	0	0:00	0
1440	Year-Round Residence	Non-Participating	313042.05	326949.42	0:00	0	0:00	0	0:00	0
1441	Year-Round Residence	Non-Participating	313111.01	326969.73	0:00	0	0:00	0	0:00	0
1442	Year-Round Residence	Non-Participating	313191.15	327029.38	0:00	0	0:00	0	0:00	0
1443	Year-Round Residence	Non-Participating	313258.73	327007.33	0:00	0	0:00	0	0:00	0
1444	Year-Round Residence	Non-Participating	313377.60	327129.66	0:00	0	0:00	0	0:00	0
1445	Year-Round Residence	Non-Participating	313311.36	327194.05	0:00	0	0:00	0	0:00	0
1446	Year-Round Residence	Non-Participating	313174.86	327170.26	0:00	0	0:00	0	0:00	0
1447	Year-Round Residence	Non-Participating	313161.11	327222.95	0:00	0	0:00	0	0:00	0
1448	Year-Round Residence	Non-Participating	313125.99	327262.87	0:00	0	0:00	0	0:00	0
1449	Year-Round Residence	Non-Participating	313092.30	327319.27	0:00	0	0:00	0	0:00	0
1450	Year-Round Residence	Non-Participating	313053.96	327352.15	0:00	0	0:00	0	0:00	0
1451	Year-Round Residence	Non-Participating	313034.29	327397.98	0:00	0	0:00	0	0:00	0
1452	Year-Round Residence	Non-Participating	313120.41	327475.47	0:00	0	0:00	0	0:00	0
1453	Year-Round Residence	Non-Participating	312972.61	327495.45	0:00	0	0:00	0	0:00	0
1454	Year-Round Residence	Non-Participating	313196.59	326572.88	0:00	0	0:00	0	0:00	0
1455	Year-Round Residence	Non-Participating	313179.66	326499.26	0:00	0	0:00	0	0:00	0
1456	Year-Round Residence	Non-Participating	313272.81	326547.92	0:00	0	0:00	0	0:00	0
1457	Year-Round Residence	Non-Participating	313257.94	326470.93	0:00	0	0:00	0	0:00	0
1458	Year-Round Residence	Non-Participating	313346.76	326533.97	0:00	0	0:00	0	0:00	0
1459	Year-Round Residence	Non-Participating	313329.10	326450.26	0:00	0	0:00	0	0:00	0
1460	Year-Round Residence	Non-Participating	313406.02	326508.66	0:00	0	0:00	0	0:00	0
1461	Year-Round Residence	Non-Participating	313400.40	326413.17	0:00	0	0:00	0	0:00	0
1462	Year-Round Residence	Non-Participating	313345.60	326366.75	0:00	0	0:00	0	0:00	0
1463	Year-Round Residence	Non-Participating	313259.28	326356.70	0:00	0	0:00	0	0:00	0
1464	Year-Round Residence	Non-Participating	313197.06	326246.34	0:00	0	0:00	0	0:00	0
1465	Year-Round Residence	Non-Participating	313237.91	326133.43	0:00	0	0:00	0	0:00	0
1466	Year-Round Residence	Non-Participating	313431.39	326286.56	0:00	0	0:00	0	0:00	0
1467	Year-Round Residence	Non-Participating	313364.20	327216.23	0:00	0	0:00	0	0:00	0
1468	Year-Round Residence	Non-Participating	313481.86	327262.51	0:00	0	0:00	0	0:00	0
1469	Year-Round Residence	Non-Participating	313703.14	327291.26	0:00	0	0:00	0	0:00	0
1470	Year-Round Residence	Non-Participating	313751.46	327308.59	0:00	0	0:00	0	0:00	0
1471	Year-Round Residence	Non-Participating	313806.07	327415.41	0:00	0	0:00	0	0:00	0
1472	Year-Round Residence	Non-Participating	313917.19	327390.29	0:00	0	0:00	0	0:00	0
1473	Year-Round Residence	Non-Participating	313592.39	327089.79	0:00	0	0:00	0	0:00	0
1474	Year-Round Residence	Non-Participating	313638.97	327081.09	0:00	0	0:00	0	0:00	0
1475	Year-Round Residence	Non-Participating	313699.78	327128.42	0:00	0	0:00	0	0:00	0
1476	Year-Round Residence	Non-Participating	313783.15	327128.53	0:00	0	0:00	0	0:00	0
1477	Year-Round Residence	Non-Participating	313722.90	327044.75	0:00	0	0:00	0	0:00	0
1478	Year-Round Residence	Non-Participating	313779.01	327056.60	0:00	0	0:00	0	0:00	0
1479	Year-Round Residence	Non-Participating	313828.68	327039.61	0:00	0	0:00	0	0:00	0
1480	Year-Round Residence	Non-Participating	313842.30	327129.09	0:00	0	0:00	0	0:00	0
1481	Year-Round Residence	Non-Participating	313910.71	327136.72	0:00	0	0:00	0	0:00	0

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1482	Year-Round Residence	Non-Participating	313924.65	327021.49	0:00	0	0:00	0	0:00	0
1483	Year-Round Residence	Non-Participating	314253.38	327418.18	0:00	0	0:00	0	0:00	0
1484	Year-Round Residence	Non-Participating	314297.96	327484.44	0:00	0	0:00	0	0:00	0
1485	Year-Round Residence	Non-Participating	314248.18	327650.62	0:00	0	0:00	0	0:00	0
1486	Year-Round Residence	Non-Participating	314162.36	327635.89	0:00	0	0:00	0	0:00	0
1487	Year-Round Residence	Non-Participating	314002.12	327458.34	0:00	0	0:00	0	0:00	0
1488	Year-Round Residence	Non-Participating	313970.42	327505.32	0:00	0	0:00	0	0:00	0
1489	Year-Round Residence	Non-Participating	313980.93	327557.55	0:00	0	0:00	0	0:00	0
1490	Year-Round Residence	Non-Participating	313943.32	327914.61	0:00	0	0:00	0	0:00	0
1491	Year-Round Residence	Non-Participating	313932.71	327989.83	0:00	0	0:00	0	0:00	0
1493	Year-Round Residence	Non-Participating	313815.68	328474.02	0:00	0	0:00	0	0:00	0
1494	Year-Round Residence	Non-Participating	313721.93	328454.62	0:00	0	0:00	0	0:00	0
1496	Year-Round Residence	Non-Participating	313628.66	329025.75	0:00	0	0:00	0	0:00	0
1497	Year-Round Residence	Non-Participating	313697.09	329799.65	0:00	0	0:00	0	0:00	0
1498	Year-Round Residence	Non-Participating	313687.67	330025.45	0:00	0	0:00	0	0:00	0
1499	Year-Round Residence	Non-Participating	313601.18	330082.10	0:00	0	0:00	0	0:00	0
1500	Year-Round Residence	Non-Participating	313413.64	330010.49	0:00	0	0:00	0	0:00	0
1501	Year-Round Residence	Non-Participating	313829.25	330028.78	0:00	0	0:00	0	0:00	0
1502	Year-Round Residence	Non-Participating	313964.92	330096.38	0:00	0	0:00	0	0:00	0
1503	Year-Round Residence	Non-Participating	313999.76	330029.11	0:00	0	0:00	0	0:00	0
1504	Year-Round Residence	Non-Participating	314067.00	330034.76	0:00	0	0:00	0	0:00	0
1505	Year-Round Residence	Non-Participating	314035.46	330085.76	0:00	0	0:00	0	0:00	0
1506	Year-Round Residence	Non-Participating	314260.71	330096.96	0:00	0	0:00	0	0:00	0
1507	Year-Round Residence	Non-Participating	314285.14	330021.87	0:00	0	0:00	0	0:00	0
1508	Year-Round Residence	Non-Participating	314451.52	330019.85	0:00	0	0:00	0	0:00	0
1509	Year-Round Residence	Non-Participating	314533.04	330027.50	0:00	0	0:00	0	0:00	0
1511	Year-Round Residence	Non-Participating	314932.90	330000.03	0:00	0	0:00	0	0:00	0
1512	Year-Round Residence	Non-Participating	315001.78	330054.61	0:00	0	0:00	0	0:00	0
1513	Year-Round Residence	Non-Participating	314997.99	329999.36	0:00	0	0:00	0	0:00	0
1514	Year-Round Residence	Non-Participating	315010.48	329999.82	0:00	0	0:00	0	0:00	0
1515	Year-Round Residence	Non-Participating	315011.59	330199.68	0:00	0	0:00	0	0:00	0
1516	Year-Round Residence	Non-Participating	315009.83	330268.05	0:00	0	0:00	0	0:00	0
1517	Year-Round Residence	Non-Participating	314932.67	330460.58	0:00	0	0:00	0	0:00	0
1519	Year-Round Residence	Non-Participating	314939.30	330576.96	0:00	0	0:00	0	0:00	0
1520	Year-Round Residence	Non-Participating	315012.13	330682.81	0:00	0	0:49	49	0:49	49
1521	Year-Round Residence	Non-Participating	314910.30	331361.14	0:00	0	0:00	0	0:00	0
1522	Year-Round Residence	Non-Participating	314924.00	331425.38	0:00	0	0:00	0	0:00	0
1523	Year-Round Residence	Non-Participating	315051.38	331423.62	0:00	0	0:30	30	0:30	30
1524	Year-Round Residence	Non-Participating	314916.10	331481.80	0:00	0	0:00	0	0:00	0
1525	Year-Round Residence	Non-Participating	314914.50	331550.79	0:00	0	0:00	0	0:00	0
1526	Year-Round Residence	Non-Participating	314979.50	331612.67	0:00	0	0:00	0	0:00	0
1528	Year-Round Residence	Non-Participating	315767.33	332047.04	0:00	0	4:10	250	4:10	250
1529	Year-Round Residence	Non-Participating	315835.06	332039.26	0:00	0	5:04	304	5:04	304
1530	Year-Round Residence	Non-Participating	315885.10	332053.75	0:00	0	6:02	362	6:02	362
1531	Year-Round Residence	Non-Participating	316179.66	332111.57	0:00	0	24:33	1473	24:33	1473
1532	Year-Round Residence	Non-Participating	316243.14	332049.68	0:00	0	6:18	378	6:18	378
1533	Year-Round Residence	Non-Participating	316965.40	332094.86	0:00	0	14:17	857	14:17	857
1534	Year-Round Residence	Non-Participating	316940.62	332517.63	0:00	0	38:28	2308	38:28	2308
1535	Year-Round Residence	Non-Participating	316948.80	332661.74	0:00	0	5:20	320	5:20	320
1536	Year-Round Residence	Non-Participating	317162.01	332007.60	0:00	0	4:42	282	4:42	282
1537	Year-Round Residence	Non-Participating	317303.94	331926.49	0:00	0	4:37	277	4:37	277
1538	Year-Round Residence	Non-Participating	317470.51	332078.34	0:00	0	3:56	236	3:56	236
1539	Year-Round Residence	Non-Participating	317531.49	332035.95	0:00	0	3:43	223	3:43	223



Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1540	Year-Round Residence	Non-Participating	315162.28	331387.59	0:00	0	1:41	101	1:41	101
1541	Year-Round Residence	Non-Participating	315242.14	331410.61	0:00	0	1:28	88	1:28	88
1542	Year-Round Residence	Non-Participating	315187.86	331505.88	0:00	0	4:03	243	4:03	243
1543	Year-Round Residence	Non-Participating	315555.89	331563.03	0:00	0	3:19	199	3:19	199
1544	Year-Round Residence	Non-Participating	315538.74	331503.09	0:00	0	3:54	234	3:54	234
1545	Year-Round Residence	Non-Participating	315916.58	331615.03	0:00	0	4:12	252	4:12	252
1546	Year-Round Residence	Non-Participating	316384.90	331774.75	0:00	0	4:54	294	4:54	294
1547	Year-Round Residence	Non-Participating	317251.00	331773.09	0:00	0	2:37	157	2:37	157
1548	Year-Round Residence	Non-Participating	317771.95	332376.33	0:00	0	25:27	1527	25:27	1527
1549	Year-Round Residence	Non-Participating	317928.99	332531.91	0:00	0	7:34	454	7:34	454
1550	Year-Round Residence	Non-Participating	317912.84	332517.00	0:00	0	8:12	492	8:12	492
1551	Year-Round Residence	Non-Participating	317956.75	332503.53	0:00	0	6:52	412	6:52	412
1552	Year-Round Residence	Non-Participating	318173.58	332579.80	0:00	0	3:03	183	3:03	183
1553	Year-Round Residence	Non-Participating	318198.75	332538.77	0:00	0	3:03	183	3:03	183
1554	Year-Round Residence	Non-Participating	318297.85	332645.62	0:00	0	2:11	131	2:11	131
1555	Year-Round Residence	Non-Participating	318392.60	332680.07	0:00	0	1:48	108	1:48	108
1556	Year-Round Residence	Non-Participating	318899.32	333078.03	0:00	0	0:26	26	0:26	26
1557	Year-Round Residence	Non-Participating	318618.06	333462.22	0:00	0	0:00	0	0:00	0
1558	Year-Round Residence	Non-Participating	318595.67	333526.37	0:00	0	0:00	0	0:00	0
1559	Year-Round Residence	Non-Participating	318651.84	333523.40	0:00	0	0:00	0	0:00	0
1561	Year-Round Residence	Non-Participating	318842.75	333517.28	0:00	0	0:00	0	0:00	0
1562	Year-Round Residence	Non-Participating	319036.75	333421.10	0:00	0	0:00	0	0:00	0
1563	Year-Round Residence	Non-Participating	319176.82	333363.00	0:00	0	0:00	0	0:00	0
1564	Year-Round Residence	Non-Participating	319207.68	333346.72	0:00	0	0:00	0	0:00	0
1565	Year-Round Residence	Non-Participating	319504.27	333413.13	0:00	0	0:00	0	0:00	0
1566	Year-Round Residence	Non-Participating	317506.43	333622.88	0:00	0	0:00	0	0:00	0
1567	Year-Round Residence	Non-Participating	317672.08	333519.27	0:00	0	0:00	0	0:00	0
1568	Year-Round Residence	Non-Participating	317946.98	333513.69	0:00	0	0:00	0	0:00	0
1569	Year-Round Residence	Non-Participating	318306.56	333526.46	0:00	0	0:00	0	0:00	0
1570	Year-Round Residence	Non-Participating	318962.92	333114.33	0:00	0	0:00	0	0:00	0
1571	Year-Round Residence	Non-Participating	318931.70	333010.16	0:00	0	0:28	28	0:28	28
1572	Year-Round Residence	Non-Participating	318945.85	332637.68	0:00	0	0:33	33	0:33	33
1573	Year-Round Residence	Non-Participating	318960.04	332427.90	0:00	0	0:35	35	0:35	35
1574	Year-Round Residence	Non-Participating	318870.32	332207.11	0:00	0	0:49	49	0:49	49
1575	Year-Round Residence	Non-Participating	318885.37	332111.27	0:00	0	0:52	52	0:52	52
1576	Year-Round Residence	Non-Participating	318938.14	332143.57	0:00	0	0:46	46	0:46	46
1577	Year-Round Residence	Non-Participating	318937.99	332085.30	0:00	0	0:48	48	0:48	48
1578	Year-Round Residence	Non-Participating	318876.04	331665.43	0:00	0	2:13	133	2:13	133
1579	Year-Round Residence	Non-Participating	318317.00	331795.20	0:00	0	3:34	214	3:34	214
1580	Year-Round Residence	Non-Participating	318255.95	331816.99	0:00	0	4:28	268	4:28	268
1581	Year-Round Residence	Non-Participating	318142.94	331788.38	0:00	0	6:13	373	6:13	373
1582	Year-Round Residence	Non-Participating	318052.40	331754.82	0:00	0	3:32	212	3:32	212
1583	Year-Round Residence	Non-Participating	318019.80	331786.40	0:00	0	3:38	218	3:38	218
1584	Year-Round Residence	Non-Participating	316831.43	331217.22	0:00	0	27:46	1666	27:46	1666
1585	Year-Round Residence	Non-Participating	316859.36	331102.09	0:00	0	18:58	1138	18:58	1138
1586	Year-Round Residence	Non-Participating	316826.82	331047.66	0:00	0	24:59	1499	24:59	1499
1587	Year-Round Residence	Non-Participating	316853.49	330976.13	0:00	0	32:29	1949	32:29	1949
1588	Year-Round Residence	Non-Participating	316843.19	330708.39	0:00	0	42:27	2547	42:27	2547
1589	Year-Round Residence	Non-Participating	316836.94	330583.82	0:00	0	28:38	1718	28:38	1718
1590	Year-Round Residence	Non-Participating	316840.66	330247.46	0:00	0	23:10	1390	23:10	1390
1592	Year-Round Residence	Non-Participating	316349.09	330103.34	0:00	0	2:43	163	2:43	163
1593	Year-Round Residence	Non-Participating	316115.85	330155.12	0:00	0	5:10	310	5:10	310
1595	Year-Round Residence	Non-Participating	315914.84	330004.21	0:00	0	3:49	229	3:49	229

Table D-1.b: (Unmitigated: Hoffman Falls Wind (GE158-6.1) & Fenner Wind) Cumulative Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Hoffman Falls Wind-Project Only Expected Shadow Flicker [Hours per Year]	Hoffman Falls Wind-Project Only Expected Shadow Flicker [Minutes per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Hours per Year]	Fenner Wind- Existing Only Expected Shadow Flicker [Minutes per Year]	Cumulative Expected Shadow Flicker [Hours per Year]	Cumulative Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)							
			X (m)	Y (m)						
1597	Year-Round Residence	Non-Participating	315758.86	330108.47	0:00	0	1:46	106	1:46	106
1598	Year-Round Residence	Non-Participating	315584.07	330108.17	0:00	0	0:00	0	0:00	0
1599	Year-Round Residence	Non-Participating	315445.36	329967.59	0:00	0	0:00	0	0:00	0
1600	Year-Round Residence	Non-Participating	315282.32	330095.98	0:00	0	2:30	150	2:30	150
1606	Year-Round Residence	Non-Participating	316605.59	328887.32	0:00	0	0:00	0	0:00	0
1607	Year-Round Residence	Non-Participating	316567.71	329033.05	0:00	0	0:00	0	0:00	0
1608	Year-Round Residence	Non-Participating	316733.74	328837.52	0:00	0	0:00	0	0:00	0
1609	Year-Round Residence	Non-Participating	316491.74	328744.02	0:00	0	0:00	0	0:00	0
1610	Year-Round Residence	Non-Participating	316233.99	328685.00	0:00	0	0:00	0	0:00	0
1611	Year-Round Residence	Non-Participating	316178.09	328571.86	0:00	0	0:00	0	0:00	0
1612	Year-Round Residence	Non-Participating	315960.19	328594.36	0:00	0	0:00	0	0:00	0
1613	Year-Round Residence	Non-Participating	315963.05	328457.18	0:00	0	0:00	0	0:00	0
1614	Year-Round Residence	Non-Participating	315874.56	328382.63	0:00	0	0:00	0	0:00	0
1624	Year-Round Residence	Non-Participating	314971.61	329096.62	0:00	0	0:00	0	0:00	0
1625	Year-Round Residence	Non-Participating	314962.26	329064.08	0:00	0	0:00	0	0:00	0
1626	Year-Round Residence	Non-Participating	314959.08	329507.94	0:00	0	0:00	0	0:00	0
1646	Year-Round Residence	Non-Participating	315433.80	326615.99	0:00	0	0:00	0	0:00	0
1647	Year-Round Residence	Non-Participating	315427.89	326556.77	0:00	0	0:00	0	0:00	0
1651	Year-Round Residence	Non-Participating	314263.41	326916.90	0:00	0	0:00	0	0:00	0
1652	Year-Round Residence	Non-Participating	313731.52	326502.18	0:00	0	0:00	0	0:00	0
1653	Year-Round Residence	Non-Participating	313601.57	326286.56	0:00	0	0:00	0	0:00	0
1662	Year-Round Residence	Non-Participating	315221.49	325660.80	0:00	0	0:00	0	0:00	0
1664	Year-Round Residence	Non-Participating	315160.07	325457.00	0:00	0	0:00	0	0:00	0
1665	Year-Round Residence	Non-Participating	315013.30	324934.58	0:00	0	0:00	0	0:00	0
1666	Year-Round Residence	Non-Participating	314991.19	324894.13	0:00	0	0:00	0	0:00	0
1667	Year-Round Residence	Non-Participating	314971.97	324853.21	0:00	0	0:00	0	0:00	0
1668	Year-Round Residence	Non-Participating	315039.14	324819.01	0:00	0	0:00	0	0:00	0
1669	Year-Round Residence	Non-Participating	314926.03	324733.55	0:00	0	0:00	0	0:00	0
1670	Year-Round Residence	Non-Participating	314767.17	324612.80	0:00	0	0:00	0	0:00	0
1671	Year-Round Residence	Non-Participating	314799.68	324520.18	0:00	0	0:00	0	0:00	0
1672	Year-Round Residence	Non-Participating	314748.49	324460.80	0:00	0	0:00	0	0:00	0
1673	Year-Round Residence	Non-Participating	314691.46	324399.17	0:00	0	0:00	0	0:00	0
1674	Year-Round Residence	Non-Participating	314510.58	324333.51	0:00	0	0:00	0	0:00	0
1675	Year-Round Residence	Non-Participating	314269.84	324397.90	0:00	0	0:00	0	0:00	0
1676	Year-Round Residence	Non-Participating	314240.27	324405.93	0:00	0	0:00	0	0:00	0
1677	Year-Round Residence	Non-Participating	314056.62	324410.17	0:00	0	0:00	0	0:00	0
1678	Year-Round Residence	Non-Participating	314222.26	324511.01	0:00	0	0:00	0	0:00	0
1679	Year-Round Residence	Non-Participating	314274.06	324516.39	0:00	0	0:00	0	0:00	0
1680	Year-Round Residence	Non-Participating	314633.61	324304.10	0:00	0	0:00	0	0:00	0
1681	Year-Round Residence	Non-Participating	314602.82	324270.58	0:00	0	0:00	0	0:00	0
1682	Year-Round Residence	Non-Participating	314575.05	324230.68	0:00	0	0:00	0	0:00	0
1683	Year-Round Residence	Non-Participating	314625.83	324187.68	0:00	0	0:00	0	0:00	0
1684	Year-Round Residence	Non-Participating	314583.95	324119.20	0:00	0	0:00	0	0:00	0
1685	Year-Round Residence	Non-Participating	314524.04	324029.46	0:00	0	0:00	0	0:00	0
1686	Year-Round Residence	Non-Participating	314481.50	323983.54	0:00	0	0:00	0	0:00	0
1687	Year-Round Residence	Non-Participating	314450.66	323916.96	0:00	0	0:00	0	0:00	0
1688	Year-Round Residence	Non-Participating	314367.43	323817.94	0:00	0	0:00	0	0:00	0
1689	Year-Round Residence	Non-Participating	315365.02	324383.19	0:00	0	0:00	0	0:00	0
1690	Year-Round Residence	Non-Participating	315412.98	324432.32	0:00	0	0:00	0	0:00	0
1691	Year-Round Residence	Non-Participating	315430.45	324375.28	0:00	0	0:00	0	0:00	0
1692	Year-Round Residence	Non-Participating	315460.78	324293.40	0:00	0	0:00	0	0:00	0
1693	Year-Round Residence	Non-Participating	315594.13	324295.05	0:00	0	0:00	0	0:00	0
1694	Year-Round Residence	Non-Participating	315602.89	324343.27	0:00	0	0:00	0	0:00	0