

Appendix G – Locations for Offshore Turbines and Substations

ID	WTG Name	Easting (m)*	Northing (m)*	Latitude	Longitude	Water Depth (ft MLLW)
Offshore Substation Z01	Offshore Substation Z01	569,178	4,337,843	39° 11' 13.486" N	74° 11' 56.379" W	67
Offshore Substation Z02	Offshore Substation Z02	566,236	4,335,333	39° 9' 52.882" N	74° 13' 59.895" W	96
Offshore Substation Z11	Offshore Substation Z11	560,418	4,330,369	39° 7' 13.390" N	74° 18' 3.901" W	94
1	L107_A02	569,658	4,340,200	39° 12' 29.817" N	74° 11' 35.481" W	89
2	L107_A03	570,699	4,339,141	39° 11' 55.143" N	74° 10' 52.491" W	73
3	L107_A04	571,740	4,338,081	39° 11' 20.463" N	74° 10' 9.513" W	70
4	L107_A05	572,780	4,337,021	39° 10' 45.780" N	74° 9' 26.547" W	71
5	L107_A06	573,821	4,335,962	39° 10' 11.092" N	74° 8' 43.592" W	78
6	L107_A07	574,862	4,334,902	39° 9' 36.400" N	74° 8' 0.649" W	99
7	L107_A08	575,902	4,333,842	39° 9' 1.704" N	74° 7' 17.718" W	106
8	L107_A09	576,943	4,332,783	39° 8' 27.003" N	74° 6' 34.799" W	104
9	L107_B02	568,203	4,338,959	39° 11' 49.958" N	74° 12' 36.605" W	74
10	L107_B04	570,153	4,336,727	39° 10' 37.010" N	74° 11' 16.165" W	81
11	L107_B05	571,128	4,335,611	39° 10' 0.530" N	74° 10' 35.962" W	77
12	L107_B06	572,102	4,334,495	39° 9' 24.046" N	74° 9' 55.770" W	96
13	L107_B07	573,077	4,333,379	39° 8' 47.559" N	74° 9' 15.590" W	97
14	L107_B08	574,052	4,332,264	39° 8' 11.068" N	74° 8' 35.421" W	96
15	L107_B09	575,027	4,331,148	39° 7' 34.573" N	74° 7' 55.264" W	100
16	L107_C02	566,786	4,337,749	39° 11' 11.125" N	74° 13' 36.123" W	67
17	L107_C03	567,748	4,336,623	39° 10' 34.322" N	74° 12' 56.410" W	92
18	L107_C04	568,711	4,335,497	39° 9' 57.516" N	74° 12' 16.708" W	80
19	L107_C05	569,673	4,334,370	39° 9' 20.705" N	74° 11' 37.017" W	70
20	L107_C06	570,636	4,333,244	39° 8' 43.891" N	74° 10' 57.338" W	102
21	L107_C07	571,598	4,332,118	39° 8' 7.074" N	74° 10' 17.671" W	88
22	L107_C08	572,561	4,330,991	39° 7' 30.252" N	74° 9' 38.015" W	104
23	L107_C09	573,524	4,329,865	39° 6' 53.428" N	74° 8' 58.370" W	107
24	L107_D02	565,272	4,336,458	39° 10' 29.657" N	74° 14' 39.646" W	65
25	L107_D04	567,199	4,334,207	39° 9' 16.104" N	74° 13' 20.156" W	82
26	L107_D05	568,163	4,333,081	39° 8' 39.322" N	74° 12' 40.428" W	68
27	L107_D06	569,126	4,331,956	39° 8' 2.537" N	74° 12' 0.711" W	108
28	L107_D07	570,089	4,330,830	39° 7' 25.748" N	74° 11' 21.006" W	95
29	L107_D08	571,053	4,329,704	39° 6' 48.955" N	74° 10' 41.313" W	100
30	L107_D09	572,016	4,328,579	39° 6' 12.158" N	74° 10' 1.631" W	93
31	L107_D10	572,979	4,327,453	39° 5' 35.358" N	74° 9' 21.960" W	89
32	L107_E02	563,683	4,335,102	39° 9' 46.090" N	74° 15' 46.344" W	69
33	L107_E03	564,645	4,333,975	39° 9' 9.275" N	74° 15' 6.661" W	83
34	L107_E04	565,606	4,332,848	39° 8' 32.457" N	74° 14' 26.991" W	77
35	L107_E05	566,568	4,331,721	39° 7' 55.634" N	74° 13' 47.331" W	66
36	L107_E06	567,530	4,330,594	39° 7' 18.808" N	74° 13' 7.683" W	95
37	L107_E07	568,491	4,329,467	39° 6' 41.978" N	74° 12' 28.047" W	94
38	L107_E08	569,453	4,328,339	39° 6' 5.145" N	74° 11' 48.422" W	105
39	L107_E09	570,415	4,327,212	39° 5' 28.308" N	74° 11' 8.809" W	80
40	L107_E10	571,376	4,326,085	39° 4' 51.467" N	74° 10' 29.207" W	99
41	L107_F01	561,312	4,335,027	39° 9' 44.271" N	74° 17' 25.140" W	73

ID	WTG Name	Easting (m)*	Northing (m)*	Latitude	Longitude	Water Depth (ft MLLW)
42	L107_F02	562,274	4,333,900	39° 9' 7.465" N	74° 16' 45.444" W	72
43	L107_F03	563,236	4,332,773	39° 8' 30.656" N	74° 16' 5.759" W	74
44	L107_F04	564,197	4,331,646	39° 7' 53.842" N	74° 15' 26.086" W	74
45	L107_F05	565,159	4,330,519	39° 7' 17.025" N	74° 14' 46.424" W	84
46	L107_F06	566,121	4,329,392	39° 6' 40.205" N	74° 14' 6.773" W	81
47	L107_F07	567,082	4,328,264	39° 6' 3.380" N	74° 13' 27.134" W	91
48	L107_F08	568,044	4,327,137	39° 5' 26.552" N	74° 12' 47.506" W	100
49	L107_F09	569,006	4,326,010	39° 4' 49.721" N	74° 12' 7.890" W	93
50	L107_F10	569,967	4,324,883	39° 4' 12.885" N	74° 11' 28.285" W	102
51	L107_G01	559,904	4,333,825	39° 9' 5.631" N	74° 18' 24.226" W	76
52	L107_G02	560,865	4,332,698	39° 8' 28.831" N	74° 17' 44.527" W	79
53	L107_G03	561,827	4,331,571	39° 7' 52.027" N	74° 17' 4.839" W	79
54	L107_G04	562,789	4,330,444	39° 7' 15.219" N	74° 16' 25.163" W	84
55	L107_G05	563,750	4,329,317	39° 6' 38.408" N	74° 15' 45.498" W	78
56	L107_G06	564,712	4,328,189	39° 6' 1.593" N	74° 15' 5.845" W	98
57	L107_G07	565,674	4,327,062	39° 5' 24.774" N	74° 14' 26.203" W	105
58	L107_G08	566,635	4,325,935	39° 4' 47.951" N	74° 13' 46.573" W	89
59	L107_G09	567,597	4,324,808	39° 4' 11.125" N	74° 13' 6.954" W	89
60	L107_G10	568,559	4,323,681	39° 3' 34.295" N	74° 12' 27.346" W	100
61	L107_H01	558,495	4,332,623	39° 8' 26.983" N	74° 19' 23.293" W	79
62	L107_H02	559,456	4,331,496	39° 7' 50.189" N	74° 18' 43.591" W	78
63	L107_H04	561,380	4,329,242	39° 6' 36.588" N	74° 17' 24.222" W	86
64	L107_H05	562,341	4,328,114	39° 5' 59.782" N	74° 16' 44.555" W	78
65	L107_H06	563,303	4,326,987	39° 5' 22.972" N	74° 16' 4.899" W	98
66	L107_H07	564,265	4,325,860	39° 4' 46.159" N	74° 15' 25.254" W	99
67	L107_H08	565,226	4,324,733	39° 4' 9.342" N	74° 14' 45.621" W	91
68	L107_H09	566,188	4,323,606	39° 3' 32.521" N	74° 14' 5.999" W	88
69	L107_H10	567,150	4,322,479	39° 2' 55.697" N	74° 13' 26.389" W	107
70	L107_I01	557,086	4,331,421	39° 7' 48.327" N	74° 20' 22.343" W	75
71	L107_I02	558,047	4,330,294	39° 7' 11.537" N	74° 19' 42.638" W	79
72	L107_I03	559,009	4,329,167	39° 6' 34.744" N	74° 19' 2.945" W	95
73	L107_I04	559,971	4,328,039	39° 5' 57.948" N	74° 18' 23.264" W	72
74	L107_I05	560,932	4,326,912	39° 5' 21.147" N	74° 17' 43.594" W	88
75	L107_I06	561,894	4,325,785	39° 4' 44.343" N	74° 17' 3.935" W	90
76	L107_I07	562,856	4,324,658	39° 4' 7.535" N	74° 16' 24.288" W	86
77	L107_I08	563,817	4,323,531	39° 3' 30.723" N	74° 15' 44.652" W	85
78	L107_I09	564,779	4,322,404	39° 2' 53.908" N	74° 15' 5.028" W	87
79	L107_I10	565,741	4,321,277	39° 2' 17.089" N	74° 14' 25.415" W	86
80	L107_J01	555,677	4,330,219	39° 7' 9.662" N	74° 21' 21.374" W	72
81	L107_J02	556,639	4,329,092	39° 6' 32.878" N	74° 20' 41.667" W	73
82	L107_J03	557,600	4,327,964	39° 5' 56.090" N	74° 20' 1.971" W	86
83	L107_J04	558,562	4,326,837	39° 5' 19.299" N	74° 19' 22.287" W	79
84	L107_J05	559,524	4,325,710	39° 4' 42.504" N	74° 18' 42.614" W	99
85	L107_J06	560,485	4,324,583	39° 4' 5.705" N	74° 18' 2.953" W	84
86	L107_J07	561,447	4,323,456	39° 3' 28.903" N	74° 17' 23.303" W	86
87	L107_J08	562,409	4,322,329	39° 2' 52.097" N	74° 16' 43.665" W	84
88	L107_J09	563,370	4,321,202	39° 2' 15.287" N	74° 16' 4.038" W	95
89	L107_J10	564,332	4,320,075	39° 1' 38.474" N	74° 15' 24.422" W	96
90	L107_K01	554,268	4,329,017	39° 6' 30.988" N	74° 22' 20.388" W	80

ID	WTG Name	Easting (m)*	Northing (m)*	Latitude	Longitude	Water Depth (ft MLLW)
91	L107_K02	555,230	4,327,889	39° 5' 54.210" N	74° 21' 40.678" W	83
92	L107_K03	556,191	4,326,762	39° 5' 17.428" N	74° 21' 0.980" W	89
93	L107_K04	557,153	4,325,635	39° 4' 40.642" N	74° 20' 21.293" W	88
94	L107_K05	558,115	4,324,508	39° 4' 3.852" N	74° 19' 41.617" W	87
95	L107_K06	559,076	4,323,381	39° 3' 27.059" N	74° 19' 1.953" W	78
96	L107_K07	560,038	4,322,254	39° 2' 50.262" N	74° 18' 22.301" W	82
97	L107_K08	561,000	4,321,127	39° 2' 13.462" N	74° 17' 42.660" W	88
98	L107_K09	561,933	4,320,033	39° 1' 37.741" N	74° 17' 4.197" W	82

*Projected Coordinate System: NAD_1983_2011_UTM_Zone_18N

1,500 m Separation Distance Option

Offshore Turbine Number	Easting (m)	Northing (m)	Latitude	Longitude	Water Depth (ft MLLW)
Offshore substation A	569,178	4,337,843	39° 11' 13.486" N	74° 11' 56.379" W	67
Offshore substation B	566,236	4,335,333	39° 9' 52.882" N	74° 13' 59.895" W	96
Offshore substation C	560,418	4,330,369	39° 7' 13.390" N	74° 18' 3.901" W	93
A02	569,612	4,340,161	39°12' 28.547" N	74°11' 37.43" W	88
A03	570,587	4,339,045	39°11' 52.069" N	74°10' 57.206" W	73
A04	571,562	4,337,929	39°11' 15.588" N	74°10' 16.994" W	74
A05	572,536	4,336,813	39°10' 39.102" N	74°9' 36.793" W	71
A06	573,511	4,335,697	39°10' 2.613" N	74°8' 56.604" W	85
A07	574,486	4,334,582	39°9' 26.12" N	74°8' 16.427" W	100
A08	575,461	4,333,466	39°8' 49.623" N	74°7' 36.261" W	105
A09	576,436	4,332,350	39°8' 13.123" N	74°6' 56.106" W	96
B09	575,027	4,331,148	39°7' 34.573" N	74°7' 55.264" W	100
B08	574,052	4,332,264	39°8' 11.068" N	74°8' 35.421" W	96
B07	573,077	4,333,379	39°8' 47.559" N	74°9' 15.59" W	97
B06	572,102	4,334,495	39°9' 24.046" N	74°9' 55.77" W	96
B05	571,128	4,335,611	39°10' 0.53" N	74°10' 35.962" W	77
B04	570,153	4,336,727	39°10' 37.01" N	74°11' 16.165" W	81
B02	568,203	4,338,959	39°11' 49.958" N	74°12' 36.605" W	74
C02	566,786	4,337,749	39°11' 11.125" N	74°13' 36.123" W	67
C03	567,748	4,336,623	39°10' 34.322" N	74°12' 56.41" W	92
C04	568,711	4,335,497	39°9' 57.516" N	74°12' 16.708" W	80
C05	569,673	4,334,370	39°9' 20.705" N	74°11' 37.017" W	70
C06	570,636	4,333,244	39°8' 43.891" N	74°10' 57.338" W	102
C07	571,598	4,332,118	39°8' 7.074" N	74°10' 17.671" W	88
C08	572,561	4,330,991	39°7' 30.252" N	74°9' 38.015" W	104
C09	573,524	4,329,865	39°6' 53.428" N	74°8' 58.37" W	107
D09	572,016	4,328,579	39°6' 12.158" N	74°10' 1.631" W	93
D10	572,979	4,327,453	39°5' 35.358" N	74°9' 21.96" W	89
E10	571,376	4,326,085	39°4' 51.467" N	74°10' 29.207" W	99
F10	569,967	4,324,883	39°4' 12.885" N	74°11' 28.285" W	102
G10	568,559	4,323,681	39°3' 34.295" N	74°12' 27.346" W	100
H10	567,150	4,322,479	39°2' 55.697" N	74°13' 26.389" W	107
I10	565,741	4,321,277	39°2' 17.089" N	74°14' 25.415" W	86
J10	564,332	4,320,075	39°1' 38.474" N	74°15' 24.422" W	96
D02	565,272	4,336,458	39°10' 29.657" N	74°14' 39.646" W	65
D04	567,199	4,334,207	39°9' 16.104" N	74°13' 20.156" W	82
D05	568,163	4,333,081	39°8' 39.322" N	74°12' 40.428" W	68
D06	569,126	4,331,956	39°8' 2.537" N	74°12' 0.711" W	108
D07	570,089	4,330,830	39°7' 25.748" N	74°11' 21.006" W	95

Offshore Turbine Number	Easting (m)	Northing (m)	Latitude	Longitude	Water Depth (ft MLLW)
D08	571,053	4,329,704	39°6' 48.955" N	74°10' 41.313" W	100
E09	570,415	4,327,212	39°5' 28.308" N	74°11' 8.809" W	80
E08	569,453	4,328,339	39°6' 5.145" N	74°11' 48.422" W	105
E07	568,491	4,329,467	39°6' 41.978" N	74°12' 28.047" W	94
E06	567,530	4,330,594	39°7' 18.808" N	74°13' 7.683" W	95
E05	566,568	4,331,721	39°7' 55.634" N	74°13' 47.331" W	66
E04	565,606	4,332,848	39°8' 32.457" N	74°14' 26.991" W	77
E03	564,645	4,333,975	39°9' 9.275" N	74°15' 6.661" W	83
E02	563,683	4,335,102	39°9' 46.09" N	74°15' 46.344" W	69
F01	561,312	4,335,027	39°9' 44.271" N	74°17' 25.14" W	73
F02	562,274	4,333,900	39°9' 7.465" N	74°16' 45.444" W	72
F03	563,236	4,332,773	39°8' 30.656" N	74°16' 5.759" W	74
F04	564,197	4,331,646	39°7' 53.842" N	74°15' 26.086" W	74
F05	565,159	4,330,519	39°7' 17.025" N	74°14' 46.424" W	84
F06	566,121	4,329,392	39°6' 40.205" N	74°14' 6.773" W	81
F07	567,082	4,328,264	39°6' 3.38" N	74°13' 27.134" W	91
F08	568,044	4,327,137	39°5' 26.552" N	74°12' 47.506" W	100
F09	569,006	4,326,010	39°4' 49.721" N	74°12' 7.89" W	93
G09	567,597	4,324,808	39°4' 11.125" N	74°13' 6.954" W	89
G08	566,635	4,325,935	39°4' 47.951" N	74°13' 46.573" W	89
G07	565,674	4,327,062	39°5' 24.774" N	74°14' 26.203" W	105
G06	564,712	4,328,189	39°6' 1.593" N	74°15' 5.845" W	98
G05	563,750	4,329,317	39°6' 38.408" N	74°15' 45.498" W	78
G04	562,789	4,330,444	39°7' 15.219" N	74°16' 25.163" W	84
G03	561,827	4,331,571	39°7' 52.027" N	74°17' 4.839" W	79
G02	560,865	4,332,698	39°8' 28.831" N	74°17' 44.527" W	79
G01	559,904	4,333,825	39°9' 5.631" N	74°18' 24.226" W	76
H01	558,495	4,332,623	39°8' 26.983" N	74°19' 23.293" W	79
H02	559,456	4,331,496	39°7' 50.189" N	74°18' 43.591" W	78
H04	561,380	4,329,242	39°6' 36.588" N	74°17' 24.222" W	86
H05	562,341	4,328,114	39°5' 59.782" N	74°16' 44.555" W	78
H06	563,303	4,326,987	39°5' 22.972" N	74°16' 4.899" W	98
H07	564,265	4,325,860	39°4' 46.159" N	74°15' 25.254" W	99
H08	565,226	4,324,733	39°4' 9.342" N	74°14' 45.621" W	91
H09	566,188	4,323,606	39°3' 32.521" N	74°14' 5.999" W	88
I09	564,779	4,322,404	39°2' 53.908" N	74°15' 5.028" W	87
I08	563,817	4,323,531	39°3' 30.723" N	74°15' 44.652" W	85
I07	562,856	4,324,658	39°4' 7.535" N	74°16' 24.288" W	86
I06	561,894	4,325,785	39°4' 44.343" N	74°17' 3.935" W	90

Offshore Turbine Number	Easting (m)	Northing (m)	Latitude	Longitude	Water Depth (ft MLLW)
I05	560,932	4,326,912	39°5' 21.147" N	74°17' 43.594" W	88
I04	559,971	4,328,039	39°5' 57.948" N	74°18' 23.264" W	72
I03	559,009	4,329,167	39°6' 34.744" N	74°19' 2.945" W	95
I02	558,047	4,330,294	39°7' 11.537" N	74°19' 42.638" W	79
I01	557,086	4,331,421	39°7' 48.327" N	74°20' 22.343" W	75
J01	555,677	4,330,219	39°7' 9.662" N	74°21' 21.374" W	72
J02	556,639	4,329,092	39°6' 32.878" N	74°20' 41.667" W	73
J03	557,600	4,327,964	39°5' 56.09" N	74°20' 1.971" W	86
J04	558,562	4,326,837	39°5' 19.299" N	74°19' 22.287" W	79
J05	559,524	4,325,710	39°4' 42.504" N	74°18' 42.614" W	99
J06	560,485	4,324,583	39°4' 5.705" N	74°18' 2.953" W	84
J07	561,447	4,323,456	39°3' 28.903" N	74°17' 23.303" W	86
J08	562,409	4,322,329	39°2' 52.097" N	74°16' 43.665" W	84
J09	563,370	4,321,202	39°2' 15.287" N	74°16' 4.038" W	95
K01	554,268	4,329,017	39°6' 30.988" N	74°22' 20.388" W	80
K02	555,230	4,327,889	39°5' 54.21" N	74°21' 40.678" W	83
K03	556,191	4,326,762	39°5' 17.428" N	74°21' 0.98" W	88
K04	557,153	4,325,635	39°4' 40.642" N	74°20' 21.293" W	88
K05	558,115	4,324,508	39°4' 3.852" N	74°19' 41.617" W	87
K06	559,076	4,323,381	39°3' 27.059" N	74°19' 1.953" W	78
K07	560,038	4,322,254	39°2' 50.262" N	74°18' 22.301" W	82
K08	561,000	4,321,127	39°2' 13.462" N	74°17' 42.66" W	88
K09	561,933	4,320,033	39°1' 37.741" N	74°17' 4.197" W	82