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Exhibit B-1 Mean wind speed assumed for each case, based on reference station summaries from International Station Meteorological Climate Summary (ISMCS) data. The mean wind direction is for the same data, but was not necessarily used in the simulations (see text for explanation).

Estuarine/ Nearshore Case(s)	Reference Wind Station Name	Reference Station WMO#	Mean wind speed		Mean Wind Direction (deg)
			(m/sec)	(knots)	
E1	Portland, ME	726060	2.5	4.9	279
E2, E3	Boston, MA	725090	3.6	6.9	287
E4, E5	Providence, RI	725070	2.8	5.4	280
E6, E7	NY Kennedy, NY	744860	3.2	6.2	282
E8	Wilmington, DE	724089	2.6	5.1	286
E9	Baltimore, MD	724060	2.6	5.0	288
E10	Norfolk, VA	723080	3.1	6.0	256
E11	Cape Hatteras, NC	723040	2.8	5.4	255
E12	Jacksonville, FL	722060	2.3	4.5	262
E13	Miami, FL	722020	3.0	5.8	245
E14, E15	Key West, FL	722010	3.8	7.5	232
E16	Fort Myers, FL	722106	2.5	4.9	242
E17	Tampa, FL	722110	2.3	4.4	253
E18	Mobile, AL	722230	2.7	5.3	253
E19	Port Arthur, TX	722410	3.0	5.9	248
E20	Houston, TX	722430	2.7	5.3	249
E21	San Diego, CA	722900	2.6	5.1	302
E22, E23, E24	San Francisco, CA	724940	4.0	7.8	309
E25	Portland, OR	726900	2.6	5.1	275
E26, E27	Quillayute, WA	727970	2.2	4.3	269
E28	Whidbey Island, WA	727975	2.9	5.7	273
E29	Seattle-Tacoma, WA	727930	2.8	5.4	259
E30	Kodiak, AK	703500	3.3	6.4	277
E31	Anchorage, AK	702730	2.1	4.0	252
E32	Adak, AK	704543	4.2	8.2	275
E33	Kaneohe Bay, HI	911760	4.2	8.2	220
E34	Pago Pago, PI	917650	4.2	8.2	238

Exhibit B.2 Mean wind speed for each case, based on NOAA data buoy and ISMCS summaries. The mean wind direction is for the same data, but was not necessarily used in the simulations (see text for explanation).

Offshore Case	Buoy # Station Name	Buoy Latitude (deg N)	Buoy Longitude (deg W)	Mean Wind Speed		Mean Wind Direction (deg)
				(m/s)	(knots)	
M1	44003	40.8	68.5	6.9	13.5	270
M2	44001	38.7	73.6	6.9	13.5	210
M3	41005	31.7	79.7	6.9	13.5	240
M4	42003	26.0	85.9	6.9	13.5	090
M5	42011	29.6	93.5	6.9	13.5	150
M6	46023	34.3	120.7	6.9	13.5	330
M7	46013	38.2	123.3	6.9	13.5	330
M8	46027	41.8	124.4	2.6	5.0	000
M9	46001	56.3	148.3	6.9	13.5	240
M10	46017	60.3	172.3	6.9	13.5	030
M11	46016	63.3	170.3	6.9	13.5	060
M12	Barrow	71.3	156.8	3.8	7.3	240
M13	51003	19.2	160.8	6.9	13.5	060