

Updated Table Error! No text of specified style in document.-1: Representative Turbine Type Characteristics for the Project (Application p. 4-1 and 4-2)

Characteristics	Turbine Options Under Consideration				
	GE 2.5 – 127	Siemens Gamesa SG 3.465 - 132	Vestas V136	GE 2.3-116	V110-2.0
Turbine type	GE 2.5 – 127	Siemens Gamesa SG 3.465 - 132	Vestas V136	GE 2.3-116	V110-2.0
Rotor diameter in meters (feet)	127 (416.667)	132 (433.07)	136 (446.19)	116 (380.58)	110 (360.89)
Rotor swept area in sq. meters (sq. feet)	12,667 (136,346)	13,684 (147,293)	14,527 (156,367)	10,568 (113,753)	9,503 (102,289)
Rated power (MW)	2.5	3.465	3.45 - 4.2	2.3	2.0
Cut-in wind speed (m/s)	3	3	3	3	3
Cut-out wind speed (m/s)	30	25	25	32	22
Blade length in meters (feet)	63.5 (208.33)	66 (216.54)	68 (233.10)	58 (190.29)	55 (180.45)
Hub height in meters (feet)	88.6 (290.68)	84 – 114 (275 – 374)	82-105 (269-345)	80 (262.47)	80 (262.47)
Highest blade height in meters (feet)	152.1 (499.02)	150 – 180 (492 – 591)	150 (492)	138 (452.76)	135 (442.91)
Lowest blade height in meters (feet)	25.1 (82.35)	18 – 48 (59 – 157)	14 – 37 (45-121)	22 (72.18)	25 (82.02)

NOTE: Information for additional turbine models under consideration is highlighted in green.