Files taken under analysis

2011_01_80m.row
2011_02_80m.row

Turbines used in user calculation and their main parameters

Turbine model	Power mode	Nominal Power	Tower height	Rotor diameter
	-	[MW]	[m]	[m]
Gamesa G114	level_0 105.0	2.0	125.0	114.0
Gamesa G114	level_0 105.0	2.0	80.0	114.0
Gamesa G114-2.5MW	Level_0 104.6	2.5	120.0	114.0
Senvion M122	Level_0 104.5	3.0	119.0	122.0

Key results for chosen wind turbines:

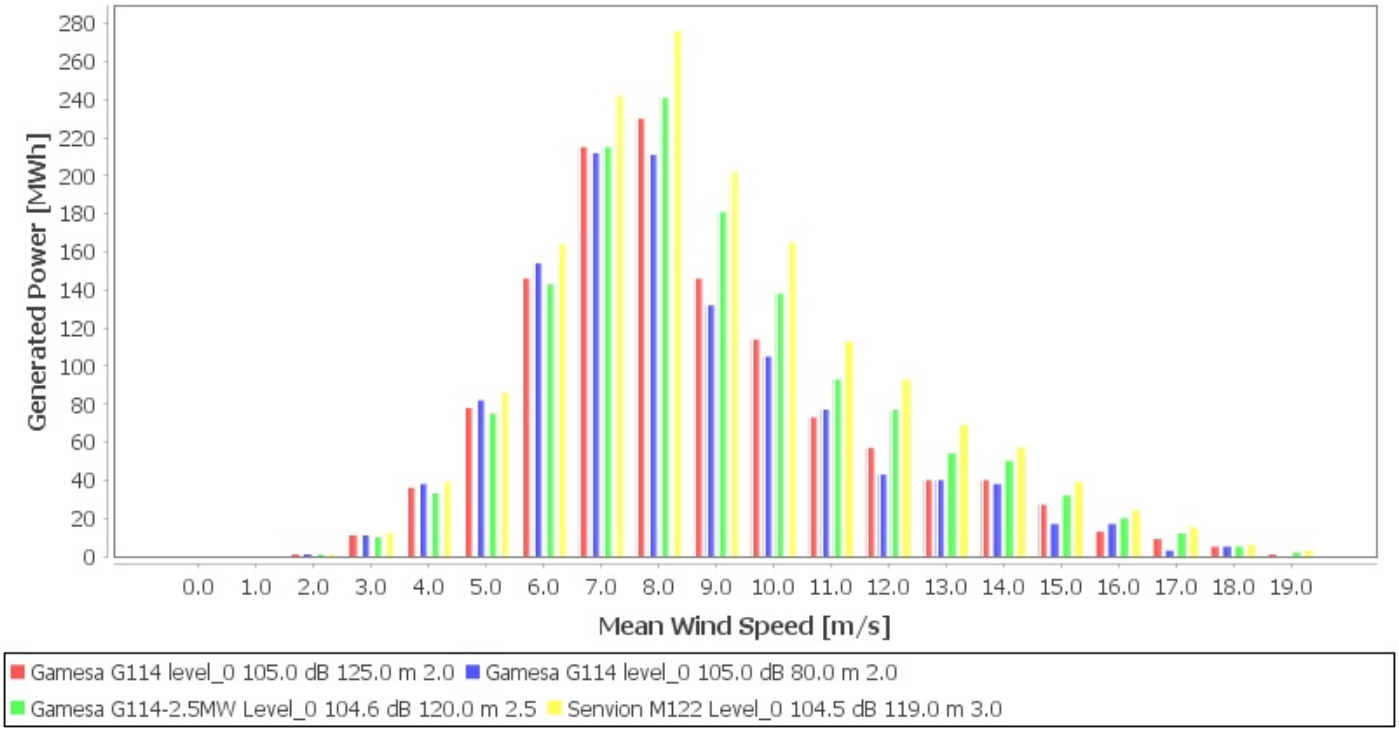
Analyzed wind turbine	Generated Energy	Full load hours	Capacity Factor	Mean Wind speed
	[MWh]	[h]	[%]	[m/s]
Gamesa G114 level_0 105.0 dB 125.0 m 2.0	1252	626	44.2	6.72
Gamesa G114 level_0 105.0 dB 80.0 m 2.0	1195	597	42.1	6.52
Gamesa G114-2.5MW Level_0 104.6 dB 120.0 m 2.5	1389	555	39.2	6.7
Senvion M122 Level_0 104.5 dB 119.0 m 3.0	1610	536	37.9	6.7

Detailed calculation results

Vmean [m/s]	Gamesa G114 level_0 105.0 dB 125.0 m 2.0	Gamesa G114 level_0 105.0 dB 80.0 m 2.0	Gamesa G114-2.5MW Level_0 104.6 dB 120.0 m 2.5	Senvion M122 Level_0 104.5 dB 119.0 m 3.0
0.0	0.0	0.0	0.0	0.0
1.0	0.0	0.0	0.0	0.0
2.0	1.31	1.24	1.29	1.29
3.0	11.54	11.82	10.45	12.57

Vmean [m/s]	Gamesa G114 level_0 105.0 dB 125.0 m 2.0	Gamesa G114 level_0 105.0 dB 80.0 m 2.0	Gamesa G114-2.5MW Level_0 104.6 dB 120.0 m 2.5	Senvion M122 Level_0 104.5 dB 119.0 m 3.0
4.0	36.01	38.67	33.2	39.19
5.0	78.11	82.62	75.48	86.13
6.0	146.22	154.38	143.91	164.11
7.0	215.93	212.36	215.07	242.85
8.0	230.54	211.04	241.99	276.93
9.0	146.7	132.3	181.53	202.09
10.0	114.71	105.27	138.31	165.6
11.0	73.82	77.61	93.91	113.33
12.0	57.05	43.76	77.25	93.0
13.0	40.25	40.23	54.95	69.0
14.0	40.75	38.79	50.0	57.0
15.0	27.56	17.7	32.5	39.0
16.0	13.89	17.86	20.0	24.0
17.0	9.96	3.98	12.5	15.0
18.0	5.99	5.99	5.0	6.0
19.0	1.99	0	2.5	3.0
20.0	0	0	0	0
21.0	0	0	0	0
22.0	0	0	0	0
23.0	0	0	0	0
24.0	0	0	0	0
25.0	0	0	0	0
Total Energy	**1252**	**1195**	**1389**	**1610**
Total Full Load Hours	**626**	**597**	**555**	**536**

Generated Power



Summary of main results