Windturbine overzicht										
			Minimum	Maximum		Prestatief		Rated	Cut-out	
Type	Vermogen[MW]		aantal	aantal	Tandwielkast	actor -	windspeed	windspeed[windspeed[Beschikbaarheid
			turbines	turbines		Cp[%]	[m/s]	m/s]	m/s]	
Britannia	10	150	35	38		-	-	-	-	Cancelled
ST10	10	164	35	38		-	-	-	-	Prototype
SeaTitan 10MW	10	190	35	38	Nee	-	-	-	-	Prototype
Siemens SWT-8.0-154	8	154	43	47	Nee	-	-	-	-	Prototype
Vestas V164 8.0MW	8	164	43	47	Ja	20.53	4	11	25	Beschikbaar
AD 8-180	8	180	43	47		-	3	12	30	Beschikbaar
Siemens SWT-7.0-154	7	154	49	54	Nee	-	3	13	25	Beschikbaar
S7.0-171	7	171.2	49	54		-	-	-	-	Prototype
Bard 6.5	6.5	122	53	58		-	-	-	-	Discontinued
6.2M126	6.15	126	56	61	Ja	14.10	3.5	14	30	Beschikbaar
6.2M152	6.15	152	56	61		16.56	3.5	11.5	30	Beschikbaar
SWT-6.0-120	6	120	57	63		-	-	-	-	Discontinued
UP6000-136	6	136	57	63		-	3.5	12	25	Beschikbaar
SCD 6.0MW	6	140	57	63		-	3	-	22	Beschikbaar
Haliade 150-6MW	6	150	57	63		-	3	-	25	Beschikbaar
Siemens SWT-6.0-154	6	154	57	63		-	4	13	25	Beschikbaar
SL6000/155	6	155	57	63	Ja	13.71	3.5	12	25	Beschikbaar
SeaTitan 5.5MW	5.5	140	63	69	Nee	-	-	-	-	Prototype
HQ5500/140	5.5	140	63	69		-	3.5	13	25	Beschikbaar
HTW5.2-127	5.2	127	66	73		-	-	-	-	Beschikbaar
Senvion 5M	5.075	126	68	74		-	-	-	-	Discontinued
AD 5-116(Voorheen: M5000-116)	5	116	69	76	Ja	11.39	3.5	12	25	Beschikbaar
M5000-116	5	116	69	76	Ja	-	3.5	12	25	Discontinued
HTW5.0-126	5	126	69	76		-	-	-	-	Beschikbaar
SL5000/126	5	126	69	76		12.61	3.5	12	25	Beschikbaar
HZ 127-5MW	5	127	69	76		-	-	-	-	Beschikbaar
AD 5-132	5	132	69	76		-	2.5	13.5	27	Beschikbaar
AD 5-135	5	135	69	76		-	3.5	11.4	30	Beschikbaar
H 151-5MW	5	151	69	76		-	-	-	-	Beschikbaar
E112/4500	4.5		76			-	-	-	-	Discontinued
GE 4.1-113	4.1	113	84			-	-	-	-	Beschikbaar
SWT-4.0-120	4	120	86			-	-	-	-	Beschikbaar
Siemens SWT-4.0-130	4	130	86		Ja	-	-	-	-	Beschikbaar
EN-4.0-136	4		86	95		-	-	-	-	Beschikbaar

Weibullverdeling

vvcibalivciacinig					
Windsnelheid[m/s]	Kans[%]	Tijd per jaar[h]			
C	0.00	0			
1	1.19	103.9903234			
2	2.64	231.1057053			
3	4.11	359.9923207			
4	5.48	479.7022783			
5	6.64	581.7440029			
6	7.53	659.7870534			
7	8.10	709.8995363			
8	8.34	730.7062977			
9	8.26	723.3128201			
10	7.89	690.9717794			
11	7.29	638.5380623			
12	6.53	571.7982459			
13	5.67	496.7767148			
14	4.78	419.1147394			
15	3.92	343.5955532			
16	3.13	273.8549876			
17	2.42	212.281832			
18	1.83	160.0821377			
19	1.34	117.4620558			
20	0.96	83.8762293			
21	0.67	58.29202285			
22	0.45	39.43075848			
23	0.30	25.96159549			
24	0.19	16.63804824			
25	0.12	10.37873899			
26	0.07	6.301557882			
27	0.04	3.723891205			
28	0.02	2.141765814			
29	0.01	1.198807865			
30	0.01	0.65298548			

Totale energie in de wind

Windsnelheid[m/s]	 Aantal uren windsnelheid[h]	Vermogen[kW]	Energie[kWh]
willustielilelu[iii/s]	Aantai üren winusnemeiu[ii]	vermogen[kvv]	Ellergie[KWII]
0	0	0.00	0.00
1	103.9903234	13.66	1420.17
2	231.1057053	109.25	25249.15
3	359.9923207	368.73	132740.40
4	479.7022783	874.03	419273.93
5	581.7440029	1707.09	993088.69
6	659.7870534	2949.85	1946272.50
7	709.8995363	4684.25	3325348.14
8	730.7062977	6992.24	5109270.76
9	723.3128201	9955.74	7201115.85
10	690.9717794	13656.71	9436401.63
11	638.5380623	18177.08	11606758.60
12	571.7982459	23598.80	13493750.12
13	496.7767148	30003.79	14905185.82
14	419.1147394	37474.01	15705911.58
15	343.5955532	46091.40	15836799.50
16	273.8549876	55937.89	15318869.26
17	212.281832	67095.42	14243138.51
18	160.0821377	79645.94	12749891.74
19	117.4620558	93671.38	11002832.64
20	83.8762293	109253.68	9163787.13
21	58.29202285	126474.80	7372471.75
22	39.43075848	145416.65	5733888.99
23	25.96159549	166161.20	4313809.81
24	16.63804824	188790.37	3141103.24
25	10.37873899	213386.10	2214678.67
26		240030.35	1512565.12
27	3.723891205	268805.03	1001000.71
28	2.141765814	299792.11	642084.50
29		333073.52	399291.15
30	0.65298548	368731.19	240776.11
Totale energie:			189188776.15

Windturbine: AD 5-116

Windsnelheid[m/s]	Vermogen[kW]	Tijd per jaar[h]	Opgewekte energie[kWh]
(0	0.00	0
	0	103.99	0
	0	231.11	0
3	0	359.99	0
	85.6	479.70	41062.51503
į	276.2	581.74	160677.6936
(513.3	659.79	338668.6945
7		709.90	624569.612
8	,	730.71	964313.1011
Č	1,867.90	723.31	1351076.017
10	2,643.40	690.97	1826514.802
1:	,	638.54	2268214.905
12	,	571.80	2688824.071
13	-,	496.78	2483883.574
14		419.11	2095573.697
15		343.60	1717977.766
16		273.85	1369274.938
17		212.28	1061409.16
18		160.08	800410.6887
19		117.46	587310.2792
20		83.88	419381.1465
21		58.29	291460.1142
22		39.43	197153.7924
23		25.96	129807.9774
24		16.64	83190.2412
25		10.38	51893.69494
26		6.30	0
27		3.72	0
28		2.14	0
29		1.20	0
30	0	0.65	0
Totale energie:			21552648.48
Prestatiefactor(Cp)			11.39

Windturbine: Senvion 6.2M 126

Windsnelheid[m/s]	Vermogen[kW]	Tijd per jaar[h]	Opgewekte energie[kWh]
windsheineid[iii/s]	vermogen[kw]	riju per jaar[ii]	Opgewekte energie[kwii]
0	0	0.00	0.00
1	0	103.99	0.00
2	0	231.11	0.00
3	0	359.99	0.00
4	109	479.70	52287.55
5	313	581.74	182085.87
6	625	659.79	412366.91
7	1085	709.90	770241.00
8	1700	730.71	1242200.71
9	2450	723.31	1772116.41
10	3360	690.97	2321665.18
11	4405	638.54	2812760.16
12	5390	571.80	3081992.55
13	6100	496.78	3030337.96
14	6200	419.11	2598511.38
15	6200	343.60	2130292.43
16	6200	273.85	1697900.92
17	6200	212.28	1316147.36
18	6200	160.08	992509.25
19	6200	117.46	728264.75
20	6200	83.88	520032.62
21	6200	58.29	361410.54
22	6200	39.43	244470.70
23	6200	25.96	160961.89
24	6200	16.64	103155.90
25	6200	10.38	64348.18
26	6200	6.30	39069.66
27	6200	3.72	23088.13
28	6200	2.14	13278.95
29	6200	1.20	7432.61
30	6200	0.65	4048.51
Totale energie:			26682978.08
Prestatiefactor(Cp)			14.10

Windturbine: Vestas V164

	1		
Windsnelheid[m/s]	Vermogen[kW]	Tijd per jaar[h]	Opgewekte energie[kWh]
0	0	0.00	0.00
1	0	103.99	0.00
2	0	231.11	0.00
3	0	359.99	0.00
4	113	479.70	54206.36
5		581.74	339738.50
6	1158	659.79	764033.41
7	1904	709.90	1351648.72
8	2958	730.71	2161429.23
9		723.31	3037913.84
10		690.97	3928865.54
11		638.54	4608329.20
12		571.80	4525783.12
13		496.78	3973716.94
14		419.11	3352917.92
15		343.60	2748764.43
16		273.85	2190839.90
17		212.28	1698254.66
18		160.08	1280657.10
19	8000	117.46	939696.45
20		83.88	671009.83
21	8000	58.29	466336.18
22		39.43	315446.07
23		25.96	207692.76
24		16.64	133104.39
25		10.38	83029.91
26		6.30	0.00
27		3.72	0.00
28		2.14	0.00
29		1.20	0.00
30	0	0.65	0.00
Totale energie:			38833414.44
Prestatiefactor(Cp)			20.53

Senvion 6.2M 152

Windsnelheid[m/s]	Vermogen[kW]	Tijd per jaar[h]	Opgewekte energie[kWh]
0	0	0.00	0.00
1	0	103.99	0.00
2	0	231.11	0.00
3	0	359.99	0.00
4	128	479.70	61401.89
5	450	581.74	261784.80
6	931	659.79	614261.75
7	1620	709.90	1150037.25
8	2548	730.71	1861839.65
9	3645	723.31	2636475.23
10	4957	690.97	3425147.11
11	5990	638.54	3824842.99
12	6150	571.80	3516559.21
13		496.78	3055176.80
14		419.11	2577555.65
15	6150	343.60	2113112.65
16		273.85	1684208.17
17		212.28	1305533.27
18		160.08	984505.15
19		117.46	722391.64
20		83.88	515838.81
21		58.29	358495.94
22		39.43	242499.16
23		25.96	159663.81
24		16.64	102324.00
25	6150	10.38	63829.24
26		6.30	38754.58
27		3.72	22901.93
28		2.14	13171.86
29	6150	1.20	7372.67
30	6150	0.65	4015.86
Totale energie:			31323701.08
Prestatiefactor(Cp)			16.56

Windtubrine: Sinovel SL6000

Windsnelheid[m/s]	Vermogen[kW]	Tijd per jaar[h]	Opgewekte energie[kWh]
0	0	0.00	0.00
1	0	103.99	0.00
2	0	231.11	0.00
3	0	359.99	0.00
4	88.736	479.70	42566.86
5	311.095	581.74	180977.65
6	637.535	659.79	420637.34
7	1,088.80	709.90	772937.91
8	1,685.24	730.71	1231416.94
9	2,397.50	723.31	1734145.38
10	3,289.38	690.97	2272868.75
11	4,271.93	638.54	2727786.71
12	5,195.61	571.80	2970838.97
13	5,902.96	496.78	2932455.06
14	6,000.00	419.11	2514688.44
15	6,000.00	343.60	2061573.32
16	6,000.00	273.85	1643129.93
17	6,000.00	212.28	1273690.99
18	6,000.00	160.08	960492.83
19	6,000.00	117.46	704772.34
20	6,000.00	83.88	503257.38
21	6,000.00	58.29	349752.14
22	6,000.00	39.43	236584.55
23	6,000.00	25.96	155769.57
24	6,000.00	16.64	99828.29
25	6,000.00	10.38	62272.43
26	6,000.00	6.30	37809.35
27	6,000.00	3.72	22343.35
28	6,000.00	2.14	12850.59
29	6,000.00	1.20	7192.85
30	6,000.00	0.65	3917.91
Totale energie:			25936557.82
Prestatiefactor(Cp)			13.71

Windturbine: Sinovel SL5000

Windsnelheid[m/s]	Vermogen[kW]	Tijd per jaar[h]	Opgewekte energie[kWh]			
0	0	0.00	0.00			
1	0	103.99	0.00			
2	0	231.11	0.00			
3	0	359.99	0.00			
4	123.9	479.70	59435.11			
5	329.3	581.74	191568.30			
6	658.5	659.79	434469.77			
7	1,109.30	709.90	787491.56			
8	1,723.70	730.71	1259518.45			
9	2,506.30	723.31	1812838.92			
10	3,400.90	690.97	2349925.92			
11	4,400.70	638.54	2810014.45			
12	4,994.20	571.80	2855674.80			
13	5,000.00	496.78	2483883.57			
14	5,000.00	419.11	2095573.70			
15	5,000.00	343.60	1717977.77			
16	5,000.00	273.85	1369274.94			
17	5,000.00	212.28	1061409.16			
18	5,000.00	160.08	800410.69			
19	5,000.00	117.46	587310.28			
20	5,000.00	83.88	419381.15			
21	5,000.00	58.29	291460.11			
22	5,000.00	39.43	197153.79			
23	5,000.00	25.96	129807.98			
24	5,000.00	16.64	83190.24			
25	5,000.00	10.38	51893.69			
26	0.00	6.30	0.00			
27	0.00	3.72	0.00			
28	0.00	2.14	0.00			
29	0.00	1.20	0.00			
30	0.00	0.65	0.00			
Totale energie:			23849664.35			
Prestatiefactor(Cp)			12.61			