

Windturbine overzicht

| Type | Vermogen[MW] | Rotordiameter[m] | Minimum aantal turbines | Maximum aantal turbines | Tandwielkast | Prestatiefactor - Cp[%] | Cut-in windspeed [m/s] | Rated windspeed[m/s] | Cut-out windspeed[m/s] | Beschikbaarheid |
|-------------------------------|--------------|------------------|-------------------------------|-------------------------------|--------------|----------------------------|------------------------------|-----------------------------|-------------------------------|-----------------|
| 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 | 114 | 76 | 84 | | - | - | - | - | Discontinued |
| GE 4.1-113 | 4.1 | 113 | 84 | 92 | | - | - | - | - | Beschikbaar |
| SWT-4.0-120 | 4 | 120 | 86 | 95 | | - | - | - | - | Beschikbaar |
| Siemens SWT-4.0-130 | 4 | 130 | 86 | 95 | Ja | - | - | - | - | Beschikbaar |
| EN-4.0-136 | 4 | 136 | 86 | 95 | | - | - | - | - | Beschikbaar |

Windturbine: AD 5-116

| Windsnelheid[m/s] | Vermogen[kW] | Tijd per jaar[h] | Opgewekte energie[kWh] |
|----------------------------|--------------|------------------|------------------------|
| 0 | 0 | 0.00 | 0 |
| 1 | 0 | 103.99 | 0 |
| 2 | 0 | 231.11 | 0 |
| 3 | 0 | 359.99 | 0 |
| 4 | 85.6 | 479.70 | 41062.51503 |
| 5 | 276.2 | 581.74 | 160677.6936 |
| 6 | 513.3 | 659.79 | 338668.6945 |
| 7 | 879.8 | 709.90 | 624569.612 |
| 8 | 1,319.70 | 730.71 | 964313.1011 |
| 9 | 1,867.90 | 723.31 | 1351076.017 |
| 10 | 2,643.40 | 690.97 | 1826514.802 |
| 11 | 3,552.20 | 638.54 | 2268214.905 |
| 12 | 4,702.40 | 571.80 | 2688824.071 |
| 13 | 5,000.00 | 496.78 | 2483883.574 |
| 14 | 5000 | 419.11 | 2095573.697 |
| 15 | 5000 | 343.60 | 1717977.766 |
| 16 | 5000 | 273.85 | 1369274.938 |
| 17 | 5000 | 212.28 | 1061409.16 |
| 18 | 5000 | 160.08 | 800410.6887 |
| 19 | 5000 | 117.46 | 587310.2792 |
| 20 | 5000 | 83.88 | 419381.1465 |
| 21 | 5000 | 58.29 | 291460.1142 |
| 22 | 5000 | 39.43 | 197153.7924 |
| 23 | 5000 | 25.96 | 129807.9774 |
| 24 | 5000 | 16.64 | 83190.2412 |
| 25 | 5000 | 10.38 | 51893.69494 |
| 26 | 0 | 6.30 | 0 |
| 27 | 0 | 3.72 | 0 |
| 28 | 0 | 2.14 | 0 |
| 29 | 0 | 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] |
|----------------------------|--------------|------------------|------------------------|
| 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

| 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 | 584 | 581.74 | 339738.50 |
| 6 | 1158 | 659.79 | 764033.41 |
| 7 | 1904 | 709.90 | 1351648.72 |
| 8 | 2958 | 730.71 | 2161429.23 |
| 9 | 4200 | 723.31 | 3037913.84 |
| 10 | 5686 | 690.97 | 3928865.54 |
| 11 | 7217 | 638.54 | 4608329.20 |
| 12 | 7915 | 571.80 | 4525783.12 |
| 13 | 7999 | 496.78 | 3973716.94 |
| 14 | 8000 | 419.11 | 3352917.92 |
| 15 | 8000 | 343.60 | 2748764.43 |
| 16 | 8000 | 273.85 | 2190839.90 |
| 17 | 8000 | 212.28 | 1698254.66 |
| 18 | 8000 | 160.08 | 1280657.10 |
| 19 | 8000 | 117.46 | 939696.45 |
| 20 | 8000 | 83.88 | 671009.83 |
| 21 | 8000 | 58.29 | 466336.18 |
| 22 | 8000 | 39.43 | 315446.07 |
| 23 | 8000 | 25.96 | 207692.76 |
| 24 | 8000 | 16.64 | 133104.39 |
| 25 | 8000 | 10.38 | 83029.91 |
| 26 | 0 | 6.30 | 0.00 |
| 27 | 0 | 3.72 | 0.00 |
| 28 | 0 | 2.14 | 0.00 |
| 29 | 0 | 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 | 6150 | 496.78 | 3055176.80 |
| 14 | 6150 | 419.11 | 2577555.65 |
| 15 | 6150 | 343.60 | 2113112.65 |
| 16 | 6150 | 273.85 | 1684208.17 |
| 17 | 6150 | 212.28 | 1305533.27 |
| 18 | 6150 | 160.08 | 984505.15 |
| 19 | 6150 | 117.46 | 722391.64 |
| 20 | 6150 | 83.88 | 515838.81 |
| 21 | 6150 | 58.29 | 358495.94 |
| 22 | 6150 | 39.43 | 242499.16 |
| 23 | 6150 | 25.96 | 159663.81 |
| 24 | 6150 | 16.64 | 102324.00 |
| 25 | 6150 | 10.38 | 63829.24 |
| 26 | 6150 | 6.30 | 38754.58 |
| 27 | 6150 | 3.72 | 22901.93 |
| 28 | 6150 | 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 |