

GWH182 5.3 MW with Power Boost (Air Density 1.225 kg/m3)

Wind(m/s)	Power (kW)	Ct	Cp
2.5	1.72	0.9999	0.0042
3	83.00	0.9344	0.1791
3.5	239.85	0.9228	0.3383
4	427.04	0.9064	0.4187
4.5	657.99	0.8292	0.4531
5	923.74	0.7968	0.4638
5.5	1231.43	0.7780	0.4645
6	1593.16	0.7669	0.4629
6.5	2010.60	0.7530	0.4595
7	2482.34	0.7489	0.4542
7.5	3028.79	0.7278	0.4506
8	3628.00	0.7024	0.4431
8.5	4244.00	0.6679	0.4304
9	4798.00	0.6227	0.4101
9.5	5240.00	0.5671	0.3805
10	5413.82	0.4861	0.3398
10.5	5482.32	0.4152	0.2972
11	5500.00	0.3544	0.2593
11.5	5500.00	0.3045	0.2270
12	5500.00	0.2643	0.1997
12.5	5500.00	0.2312	0.1767
13	5500.00	0.2043	0.1571
13.5	5500.00	0.1812	0.1403
14	5500.00	0.1626	0.1258
14.5	5500.00	0.1455	0.1132
15	5500.00	0.1317	0.1023
15.5	5500.00	0.1189	0.0927
16	5500.00	0.1083	0.0843
16.5	5500.00	0.0989	0.0768
17	5500.00	0.0907	0.0703
17.5	5500.00	0.0833	0.0644
18	5500.00	0.0769	0.0592
18.5	5500.00	0.0712	0.0545
19	5459.53	0.0655	0.0500
19.5	5355.75	0.0604	0.0453
20	5157.55	0.0546	0.0405
20.5	4866.98	0.0488	0.0355
21	4494.43	0.0432	0.0305
21.5	4165.47	0.0374	0.0263
22	3778.40	0.0325	0.0223
22.5	3447.36	0.0278	0.0190
23	3171.32	0.0243	0.0164
23.5	2935.75	0.0213	0.0142
24	2711.60	0.0188	0.0123

Venwind Reflex Power Limited

A subsidiary of Reflex Industries Limited, a Reflex Group Company

CIN: U27101TN2024PLC175572

Registered Office: 2nd Floor, Reflex Towers, Sterling Road Signal, 313, Valluvar Kottam High Road, Nungambakkam, Chennai – 600034, Tamil Nadu

P: 044 3504 0050 | E: cscompliance@refex.co.in