

PROVEN WIND TURBINE ANNUAL OUTPUT TABLES

PROVEN WT600 (600W) Wind Turbine Output vs. Site Mean Wind Speed

Site Average Wind Speed	m/s	4.0	5.0	6.0	7.0	8.0	9.0
	mph	9.0	11.2	13.4	15.7	17.9	20.2
Av. Yearly Energy Output (kWh)		794	1,354	1,948	2,504	2,969	3,318
Av. Monthly Energy Output (kWh)		66.2	112.9	162.4	208.7	247.4	276.5
Av. Daily Energy Output (kWh)		2.2	3.7	5.3	6.9	8.1	9.1

PROVEN WT2500 (2.5kW) Wind Turbine Output vs. Site Mean Wind Speed

Site Average Wind Speed	m/s	4.0	5.0	6.0	7.0	8.0	9.0
	mph	9.0	11.2	13.4	15.7	17.9	20.2
Av. Yearly Energy Output (kWh)		2,473	4,282	6,333	8,403	10,251	11,731
Av. Monthly Energy Output (kWh)		206.1	356.8	527.8	700.2	854.3	977.6
Av. Daily Energy Output (kWh)		6.8	11.7	17.4	23.0	28.1	32.1

PROVEN WT6000 (6kW) Wind Turbine Output vs. Site Mean Wind Speed

Site Average Wind Speed	m/s	4.0	5.0	6.0	7.0	8.0	9.0
	mph	9.0	11.2	13.4	15.7	17.9	20.2
Av. Yearly Energy Output (kWh)		6,765	11,622	16,900	21,944	26,216	29,467
Av. Monthly Energy Output (kWh)		563.7	968.5	1408.3	1828.7	2184.7	2455.6
Av. Daily Energy Output (kWh)		18.5	31.8	46.3	60.1	71.8	80.7

PROVEN WT15000 (15kW) Wind Turbine Output vs. Site Mean Wind Speed

Site Average Wind Speed	m/s	4.0	5.0	6.0	7.0	8.0	9.0
	mph	9.0	11.2	13.4	15.7	17.9	20.2
Av. Yearly Energy Output (kWh)		16,912	29,054	42,250	54,860	65,541	73,667
Av. Monthly Energy Output (kWh)		1,409	2,421	3,521	4,572	5,462	6,139
Av. Daily Energy Output (kWh)		46.3	79.6	115.8	150.3	179.6	201.8

Calculated using Rayleigh frequency distribution and measured power output characteristic



Proven Engineering Products Ltd

Wardhead Park
Stewarton, Ayrshire, KA3 5LH
Scotland, UK

Tel: (01560) 485 570

Fax: (01560) 485 580

International: ++ 44 1563

E-mail: info@provenenergy.com

Web: www.provenenergy.com