

WHEELING TO THE GRID



REGISTRAR
Registrar
Vels Institute of Science, Technology
& Advanced Studies (VISTAS)
Pallavaram, Chennai - 600 117.

3. Wheeling to the Grid:

Wheeling electricity to the grid offers VISTAS a valuable opportunity to leverage renewable energy resources, reduce environmental impact, and engage the community in sustainability initiatives at Vadakku theru, Pillayarkudiyiruppu Village & Anupati Village, Palladam, Tamilnadu, India.

DETAILS OF WINDMILL INSTALLED IN PILLAYARKUDIYIRUPPU VILLAGE

Vaels Educational trust Windmill details		
1	Name of Generator	Vaels Educational trust
2	HT service number	079204720129
3	Rated Generation Capacity	250KW X 2 = 500KW
4	Rated Generation Voltage	11 KV
5	Name of the Polling Substation	Perungudi SS 110Kv/11Kv
6	Name of the Feeder which the Generator	11 kV Aban Feeder
7	Main Meter Number in Generator / Service End	SECURE TNW03664
8	Rated Power of each WEG (in Kw)	250KW
9	Turbine Make of WEG(s)	Pioneerwincon
10	Turbine Model No of WEG(s)	P250-29-50
11	Generator Type (PMSG/EESG/DFIG/FSIG/SRG)	FSIG
12	Generator Rated Voltage (in V)	415 V
13	Under Frequency Setting (in Hz)	47.5
14	High Frequency Setting (in Hz)	51.5
15	Date of Commissioning	18-Sep-2013



REGISTRAR
Registrar

**Vels Institute of Science, Technology
& Advanced Studies (VISTAS)
Pallavaram, Chennai - 600 117.**

**WINDMILL INSTALLED IN PILLAYARKUDIYIRUPPU VILLAGE BY
VISTAS**



REGISTRAR
Registrar
Vels Institute of Science, Technology
& Advanced Studies (VISTAS)
Pallavaram, Chennai - 600 117.

**WINDMILL CONTROL ROOM IN PILLAYARKUDIYIRUPPU
VILLAGE BY VISTAS**



REGISTRAR
Registrar
Vels Institute of Science, Technology
& Advanced Studies (VISTAS)
Pallavaram, Chennai - 600 117.

DETAILS OF WINDMILL INSTALLED IN ANUPATTI

VISTAS Windmill Details		
1	Name of Generator	VISTAS
2	HT service number	039234392162
3	Rated Generation Capacity	250KW
4	Rated Generation Voltage	11KV
5	Name of the Polling Substation	Karadivavi
6	Name of the Feeder which the Generator	Pioneer 11 KV
7	Main Meter Number in Generator / Service End	Genus - 5839943
8	Rated Power of each WEG (in Kw)	250KW
9	Turbine Make of WEG(s)	Pioneerwincon
10	Turbine Model No of WEG(s)	P250-29-50
11	Generator Type (PMSG/EESG/DFIG/FSIG/SRG)	FSIG
12	Generator Rated Voltage (in V)	415 V
13	Under Frequency Setting (in Hz)	47.5
14	High Frequency Setting (in Hz)	51.5
15	Date of Commissioning	26-Sep-2013



REGISTRAR
Registrar

**Vels Institute of Science, Technology
& Advanced Studies (VISTAS)
Pallavaram, Chennai - 600 117.**

WINDMILL INSTALLED IN ANUPATTI BY VISTAS



REGISTRAR
Registrar
Vels Institute of Science, Technology
& Advanced Studies (VISTAS)
Pallavaram, Chennai - 600 117.

POWER SUBSTATION IN ANUPATTI VILLAGE BY VISTAS



REGISTRAR
Registrar
Vels Institute of Science, Technology
& Advanced Studies (VISTAS)
Pallavaram, Chennai - 600 117.