

**CENTRE FOR WIND ENERGY TECHNOLOGY**

Ref No. : C-WET/R&D/Empl/2011-12/06

Date: 23.12.2011

To

All Concerned

Dear Sir,

**Sub: Sixth List of Empanelment of Small Wind Turbines- reg**

The Sixth List of small wind turbine models empanelled with MNRE/ C-WET, prepared as per Modified Scheme for the programme on "Small Wind Energy and Hybrid Systems (SWES)" released by MNRE on 16.04.2010, based on the information provided by the small wind turbine manufacturers, is enclosed.

Thanking you,

Yours faithfully,

For Centre for Wind Energy Technology

**(Rajesh Katyal)**

Encl: As above

Sir,

**Sub: Sixth List of Empanelment of Small Wind Turbines- reg**

In accordance with the Modified Scheme for the programme on "Small Wind Energy and Hybrid Systems (SWES)" which was released by MNRE on 16.04.2010 and the subsequent meeting with manufacturers on 28.04.2010, the manufacturers have consented to comply with necessary documentation requirements.

Based on the perusal of documentation, as required by the Modified Scheme, submitted by the Manufacturers for their individual models and subsequent signing of test agreement with C-WET the below stated models are recommended for inclusion in the **VI<sup>th</sup> List for Empanelment / Provisional Empanelment**.

The model wise summary is as follows:

**I. Empanelment**

The models for which the manufacturers have submitted the Valid Test reports from C-WET / any other foreign/Indian recognized laboratory along with the other stipulated criteria of the Modified Scheme are included in the following table and are recommended for empanelment.

Sl. No.	Indian Manufacturer with address	Model and Capacity	Type	Name of Foreign collaborator	Valid type test report	Validity Date
1.	<b>Luminous Renewable Energy Solutions Pvt., Ltd.,</b> Gat No. 1569/B, Off-Pune-Saraswat Road, Vadki Village Pune – 412 308  Ph No.:020-64011044/65110453  email:info@windsolarzone.com	<b>Whisper 200</b>  <b>700 W</b>	<b>Off-grid</b>	<b>Southwest Wind Power, USA</b>	√ (from C-WET)	18.06.2012
		<b>Air Breeze</b>  <b>160 W</b>	<b>Off-grid</b>		√ (from DEWI, Germany)	18.06.2012
		<b>Skystream 3.7</b>  <b>1.8 kW</b>	<b>Grid tied</b>		√ (From WINDTEST a GL Company, Germany)	18.06.2012
2.	<b>M/s Supernova Technologies Pvt. Ltd.</b> Arvind House, C.S. no. 180/1 Quay street Darukhana Mumbai – 400 010 Ph No.:02692-651915  email:sntgujarat@yahoo.co.in	<b>SNT 5</b>  <b>550 W</b>	<b>Off-grid</b>	-	√ (from C-WET)	13.01.2013

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These models will have validity for a period of two years from the date of decision taken at the meeting of the empanelment committee. Thereafter the empanelment status for these models will only be extended based on the submission of the following:

- The number of SWT installations done after the previous empanelment, their performance (in the CWET format presently in circulation) & current state of SWT condition along with the attestation of their respective owners with dates not earlier than one month from the date of submission of application for renewal;
- Proof of valid ISO 9001 certificate based on the ISO standard then in vogue;
- Undertaking from the manufacturer that no deviation have been introduced in design since the empanelment of the SWT model; and
- Complete contact details of any three customers to enable CWET to conduct a spot check of the SWT's performance and status of "as-installed condition at site".

### **I. Provisional Empanelment**

The models listed below will have validity of six months from 19.12.2011 to 18.06.2012. Thereafter this list will automatically expire and afresh decision would be taken based on the type test measurements being underway at WTRS, Kayathar:

<b>Sl. No.</b>	<b>Indian Manufacturer with address</b>	<b>Model and Capacity</b>	<b>Type</b>	<b>Name of Foreign collaborator</b>	<b>Validity Date</b>
1.	<b>M/s Auroville Wind Systems</b> Auroshilpam, Aurosarjan complex, Auroville – 605 101 Tel:0413-2623384/5 Fax: 0413-2622705 aws@auroville.org.in.	<b>Genie 5000</b>  5 kW	<b>Off-grid</b>	--	<b>18.06.2012</b>
2.	<b>Unitron Energy Systems Pvt. Ltd.</b> Plot No. 25, Sanjay Park Airport Road, Pune – 411 038  Tel: 020-26687006/ 26684399 Fax: 020-26687006 /26684399 unitron@pn3.vsnl.net.in	<b>UE 33</b>  3.2 kW	<b>Off-grid</b>	--	<b>18.06.2012</b>
3.	- Do -	<b>UE 42</b>  4.2 kW	<b>Off-grid</b>		<b>18.06.2012</b>
4.	- Do -	<b>UE42 PLUS</b> 5.1 kW	<b>Off-grid</b>		<b>18.06.2012</b>
5.	<b>Luminous Renewable Energy Solutions Pvt., Ltd.,</b> Gat No. 1569/B, Off-Pune-Saraswat Road, Vadki Village Pune – 412 308  Ph No.:020-64011044/65110453  email:info@windsolarzone.com	<b>Whisper 500</b>  3.2 kW	<b>Off-grid</b>	<b>Southwest Wind Power, USA</b>	<b>18.06.2012</b>
6.	<b>M/s Spitzen Energy Solutions (India) Pvt. Ltd.</b> 201-209 Pentagon, Shahu College Road, Off Pune-Satara Road, Pune – 411009  Ph.No. 020-2422378 Mobile: 9921783256 Email: info@spitzenenergy.com	<b>Passaat</b>  1.4 kW	<b>Off-grid</b>	<b>Fortis Wind Energy BV, The Netherlands</b>	<b>18.06.2012</b>

The list has been prepared with the available documents / information provided for the designated models by the manufacturers during the period of review and with all possible care and rigor by the Committee for review of empanelment appointed by the MNRE, Government of India. State Nodal Agencies, developers and any party refers the list shall verify complete type test reports of the models listed above including ISO certificate for verification of validity period for empanelled models/ proof of having applied for ISO for provisionally empanelled models, detailed specifications, power curve and all other relevant information. Nevertheless, C-WET/MNRE and their scientists and engineers are not responsible for any operational consequences including technical, commercial and legal implications that may arise due to the usage of the List by any party. The responsibility for the usage, verification of complete documents and consequences thereof lies entirely with the user. The list may be updated on a quarterly basis.

This list supersedes all previous lists announced by MNRE/C-WET

**For Centre for Wind Energy Technology**



**(Rajesh Katyal)**

**Unit Chief**

**Research and Development**