

Sir,

**Sub: Eleventh 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 **XI<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.

<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>Valid type test report</b>	<b>Validity Date</b>
<b>1.</b>	<b>Luminous Renewable Energy Solutions Pvt., Ltd.,</b>  Gat No. 1569/B, Off-Pune-Saswad Road, Vadki Village Pune – 412 308  Ph No.: 020-64011044 020-65110453  email: info@windsolarzone.com	<b>Whisper 200  700 W</b>	<b>Off-grid</b>	-	√ (from C-WET)	01.04.2015
<b>2.</b>	<b>Spitzen Energy Solutions (India) Pvt. Ltd.</b> 52-53, Aditya Shagun Mall, NDA – Pashan Road, Bavdhan, Pune – 411 021 Ph. No. : 020-66531923 Mobile : 8888806395 Email: spitzenenergy@gmail.com	<b>PASSAAT  1.0 kW</b>	<b>Off-grid</b>	<b>Fortis Wind Energy BV, The Netherland</b>	√ (from C-WET)	01.04.2015

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Sl. No	Indian Manufacturer with address	Model and Capacity	Type	Name of Foreign collaborator	Valid type test report	Validity Date
3.	<b>Vij Engineers &amp; Consultants Pvt. Ltd.</b> B-68, Basement, Saomi nagar, Near Chirag Delhi Flyover, New Delhi - 110 017 Ph. No. 011- 40687000 Fax : 011- 40687001 Email: bkvij@vecpl.net	<b>Skystream 3.7  1.8 kW</b>	<b>Grid tied</b>	<b>Xzeres Corporation USA</b>	√ (From WINDTEST a GL Company, Germany)	01.04.2015
4.	<b>Supernova Technologies Pvt. Ltd.</b> Arvind House, C.S. no. 180/1, Quay Street, Next to Sewree Police Station at Reay Road (E), Darukhana, Mumbai – 400 010  Ph No. : (022) 2375 7090 to 94 Mobile No. (0)98692 27095 (0)96194 56588 Fax : (022) 23757095 email: srswg@yahoo.com / milton1@vsnl.net	<b>SNT 6  600 W</b>	<b>Off-grid</b>	-	√ (from C-WET)	01.04.2015
5 (i)	<b>Unitron Energy Systems Pvt. Ltd.</b> Plot No. 25, Sanjay Park Airport Road, Pune – 411 032  Tel: 020-26687006/ 26684399 Fax: 020-26687006 26684399 email : unitron@pn3.vsnl.net.in	<b>UE 33  2.1 kW</b>	<b>Off-grid</b>	--	√ (from C-WET)	30.11.2015
5 (ii)	<b>Unitron Energy Systems Pvt. Ltd.</b> Plot No. 25, Sanjay Park Airport Road, Pune – 411 032  Tel: 020-26687006/ 26684399 Fax: 020-26687006 26684399 email: unitron@pn3.vsnl.net.in	<b>UE 42 plus  3.8 kW</b>	<b>Off-grid</b>	--	√ (from C-WET)	30.11.2015

Sl. No	Indian Manufacturer with address	Model and Capacity	Type	Name of Foreign collaborator	Valid type test report	Validity Date
6	<b>E-hands Energy (I) Pvt Ltd</b> 3A, Vasisht Apartment, 3/1 New Beach Road Thiruvanmiyur - 600 041 Mobile No.: 9840240518/ 9941458888 email: ehands@gmail.com	<b>e 400i</b> <b>1.9 kW</b>	<b>Off-grid</b>	<b>Kestrel Renewable Energy, Port Elizabeth South Africa</b>	√ (from C-WET)	30.11.2015

The empanelment status for these models will only be extended based on the submission of the following two months in advance before the expiry of the validity date:

- 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".

**II. Provisional Empanelment\***

The models listed below will have validity as shown in the table below. Thereafter this list will automatically expire and a decision would be taken based on the type test measurements underway at WTRS, Kayathar:

Sl. No	Indian Manufacturer with address	Model and Capacity	Type	Name of Foreign collaborator	Validity Date
1.	<b>Unitron Energy Systems Pvt. Ltd.</b> Plot No. 25, Sanjay Park Airport Road, Pune – 411 032  Tel: 020-26687006/ 26684399 Fax: 020-26687006 26684399 email : unitron@pn3.vsnl.net.in	<b>UE 42</b>  <b>4.2 kW</b>	<b>Off-grid</b>	--	<b>31.12.2014</b>
2.	<b>Luminous Renewable Energy Solutions Pvt., Ltd.,</b> Gat No. 1569/B, Off-Pune-Saswad Road, Vadki Village,Pune – 412 308  Ph No.:020- 64011044/65110453  email: info@windsolarzone.com	<b>Luminous Whisper 500</b>  <b>3.2 kW</b>	<b>Off-grid</b>	--	<b>31.12.2014</b>
3.	<b>E-hands Energy (I) Pvt.Ltd</b> Vasisht Apartment, 3/1 New Beach Road Thiruvanmiyur - 600 041 Mobile No.: 9840240518/ 9941458888 email: ehands@gmail.com	<b>e 300i</b> <b>1.0 kW</b>	<b>Off-grid</b>	<b>Kestrel Renewable Energy, Port Elizabeth South Africa</b>	<b>31.12.2014</b>

Sl. No	Indian Manufacturer with address	Model and Capacity	Type	Name of Foreign collaborator	Validity Date
4.	<b>Spitzen Energy Solutions (India) Pvt. Ltd.</b> 52-53, Aditya Shagun Mall, NDA – Pashan Road, Bavdhan, Pune – 411 021 Ph. No. : 020-66531923 Mobile : 8888806395 Email: spitzenenergy@gmail.com	<b>Montana – 5 kW</b>	<b>Off-grid</b>	<b>Fortis Wind Energy BV, The Netherland</b>	<b>31.12.2014</b>
5.	<b>Altem Energy Limited</b> M-1, Osian Building 12, Nehru Place, New Delhi – 110 019  Telephone : 020- 2348241 / 020-32401334 Mobile ; 09822042062 Email : info@altempower.com	<b>APL10 10 kW</b>	<b>Off-grid</b>	--	<b>30.11.2014</b>
6	<b>Sunair Power Private Limited</b> No.7, Krish Tower, 3 <sup>rd</sup> Floor, Omkar Nagar, Arekere Gate Bangalore – 560 076  Telephone : 080-22256895 / 080-22267395 Mobile : 09341245654 Email : venkatesh@sunairpower.co.in	<b>SPVWT1 650W</b>	<b>Off-grid  Vertical Axis Wind Turbine (VAWT)</b>	--	<b>30.11.2014</b>
7	<b>Sun N Wind Renewables Pvt. Ltd</b> Flat No. 7, Karan Sanskruti, Kothrud Pune – 411038 Tele : 020-27297585 Mobile : 09922540101 Email : sunnwindenergy@yahoo.com	<b>SnW Vayu 1- 1 kW</b>	<b>Off-grid</b>	<b>Sun N Wind Energy Systems Company Ltd. Hong Kong</b>	<b>29.02.2016</b>

\* 20 Nos. Of installations of a particular model would be allowed during the period the model remains in the provisional list and the same will be effective from the date of issue of this list.

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

*Note : The models whose validity has expired as per the 10<sup>th</sup> list of Empanelment may be deemed extended upto the date of issue of 11<sup>th</sup> Empanelment list.*

**For Centre for Wind Energy Technology**



**(Rajesh Katyal)**

**Unit Chief**

**Research and Development**