

File No. 293/8/2017-Wind
Government of India/ भारत सरकार
Ministry of New and Renewable Energy/ नवीन और नवीकरणीय ऊर्जा मंत्रालय
(Wind Power Division)

Block No.14, CGO Complex,
Lodhi Road, New Delhi – 110 003
Dated: 01.03.2018

OFFICE MEMORANDUM

Subject: Compliance of WTG models to applicable CEA Technical standards for Connectivity to the Grid (as amended from time to time) as stipulated in the MNRE Guidelines/ procedure for Revised List of Models and Manufacturers (RLMM)- Reg.

The issues and difficulties faced by WTG manufacturers to obtain Statement of Compliance (SoC)/ Conformity Statement (CS) for demonstrating the compliance of applicable CEA Technical standards for Connectivity to the Grid (as amended from time to time) for their WTG models within the stipulated time were examined by this Ministry and the following course of action would be adopted for WTG models which were unable to get LVRT compliance certificate from accredited testing agencies:

1. Self-Certification for compliance of CEA technical Standard will be accepted for the inclusion of WTG manufacturers/ models in the RLMM list until 31.03.2019 for all the wind turbine models irrespective of the capacity subject to the following conditions:

- a. Concerned WTG manufacturers may apply for LVRT testing to any internationally accredited testing body or National Institute of Wind Energy (NIWE) by 15th March 2018, which should include the following:
 - i. An affidavit that the manufacturer would comply with CEA Technical standards for Connectivity to the Grid by 31.03.2019
 - ii. A bank guarantee of Rs. 1 Crore per model, which would be returned on producing the Compliance Certificate for LVRT and other technical standards as stipulated by CEA.

A copy of the above mentioned application may also be sent to MNRE.

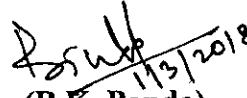
- b. WTG models for which the manufacturers had provided the self-certification must obtain a certificate from NIWE, Chennai for demonstrating the compliance of applicable CEA Technical standards for Connectivity to the Grid (as amended from time to time); NIWE will carry out the lab simulation for each of the WTG model testing their capabilities of complying to applicable standards and issue a certificate to that effect.
- c. During the self-certification period, RLMM list will have two tables; one for wind turbines having valid SoC/CS as per CEA technical standards as stipulated in MNRE guidelines and another table for the wind turbines for which self-

certification along with NIWE's simulation results confirming compliance of CEA technical standards.

- d. Based on report of MNRE/ NIWE/ any authorised agency of MNRE for monitoring of compliance to LVRT and related standards, if it is noted that the OEM has submitted the wrong declaration of self-certification then,
- i. The wind turbines connected to wind farm will be disconnected
 - ii. The OEM will be barred from installing turbines in India for the period of five years
 - iii. Penalty to an extent of Rs. 2 Crores will be imposed.

2. The Stall regulated wind turbines and the wind turbines with capacity of less than 500 kW which are connected at voltage level at 22 kV/ 11 kV and below, in the distribution generation (part of mixed feeder) are exempted from submitting SoC/ CS for demonstrating their compliance to CEA Technical standards for Connectivity to the Grid (as amended from time to time) as stipulated in the MNRE guidelines/ procedure including LVRT requirements.

3. This issues with the approval of Competent Authority.


(B.K. Panda)
Director (Wind)

To,

All the Concerned

Copy for information to:

1. PS to Hon'ble Minister
2. Sr.PPS to Secretary
3. PPS to Additional Secretary
4. JS &FA/ JS (BPY)
5. DG, NIWE
6. Director (GU)/ Director (BKP)/ Director (NIC) to upload in MNRE website ✓
7. Scientist 'C'(AHB)/ Scientist 'C'(PKD)