

**F. No.: 238/17/2017-Wind
Government of India
Ministry of New and Renewable Energy
Wind Energy Division**

**Atal Akshaya Urja Bhawan,
CGO Complex, Lodi Road, New Delhi-110003**

Dated: 09th April, 2025

CIRCULAR

Subject: Draft revised guidelines for installation of prototype wind turbine models -reg.

The undersigned is directed to forward herewith draft revised guidelines for installation of prototype wind turbine models for stakeholders' consultation.

2. In this regard, all the concerned stakeholders are requested to provide the comments within three (03) weeks to Virendra Singh Naruka, SO @vsnaruka.mnre@gov.in.



**(Rishikesh Vaishnav)
Scientist 'C'**

Email ID: rishikesh.mnre@gov.in

**To
All Concerned**

DRAFT

**F. No.: 238/17/2017-Wind
Ministry of New and Renewable Energy
(Wind Energy Division)**

**Atal Akshaya Urja Bhawan,
CGO Complex, Lodhi Road, New Delhi-11003**

Date: _____

Subject: Revised guidelines for installation of prototype wind turbine models -reg.

Ministry had issued guidelines for installation of prototype wind turbine models on 22.05.2012 and amended the same on 20.09.2012 and on 01.06.2016. These guidelines are being issued in suppression of the existing guidelines in order to facilitate the installation of limited number of prototype wind turbines so as to promote testing and certification process of wind turbine in the country.

These guidelines are applicable for all the wind turbine manufacturers in India, who wish to install prototype wind turbine model(s) in the country and synchronize with the Indian grid system. It is desirable to allocate land on "footprint basis" for installation of prototype wind turbine(s).

The installation of a prototype wind turbine model will be allowed only to carry out type testing for obtaining type certificate from Internationally Accredited Certifying Agencies, subject to the following conditions:

(i) Implementing Agency:

The guidelines will be implemented by the National Institute of Wind Energy (NIWE), Chennai. The manufacturer(s) of the wind turbine whose prototype is to be installed, shall submit requisite information and documentation as per the prescribed format (to be provided by NIWE) to NIWE, Chennai for obtaining recommendation to permit installation of wind turbine prototype model for testing and grid synchronization / commissioning.

(ii) Eligibility for Type Certification Schemes and documents required to be submitted with application:

- a. The type certification scheme shall be in accordance with IEC scheme in vogue presently, given below.
 - IECRE OD 501
 - IS/IEC 61400-22:2010
- b. The type testing and certification shall be carried out only by Internationally Accredited Testing and Certification bodies.
- c. Prototype certificate for the prototype wind turbine model (to be installed at a specific location) shall be provided to NIWE by the Wind turbine manufacturer.