To,
All concerned (OEMs/Wind Power Project Developers)

Subject:- Standard obstruction markings and lightings as per IS 5613 notification and International Civil Aviation Organization (ICAO) standards on Wind Turbines

Sir/ Madam,
I am directed to refer to NoCs issued by Ministry of Defence for installing Wind Turbines in the vicinity of Air Force Stations wherein one of the mandatory requirement is Standard obstruction markings and lightings, as per IS 5613 notification and International Civil Aviation Organization (ICAO) standards, on wind turbines. The relevant clause of NoC is reproduced as under:

“Standard obstruction markings and lightings as per IS 5613 notification and International Civil Aviation Organization (ICAO) standards as stipulated in ICAO-Annex-14 shall be provided by the company. The lights shall be kept 'ON' at all times. Provision shall be made for standby power supply to keep the lights 'ON' during power failure. Company shall ensure standard markings and serviceability of obstacle lights in all weather conditions."

2. In this regard, during a meeting with IAF at Bhuj Air Force Station it was informed by Indian Air Force authorities that the obstacle lights of several wind turbines are either damaged/ not working which creates hazard for our aircrafts.

3. Accordingly, it was requested during the meeting to ensure that the standard markings and serviceability of obstacle lights on all wind turbines, as per above mentioned clause failing which the Ministry will be constrained to advise disconnection of such wind turbines from the grid. Accordingly, all OEMs/ wind farm developers/ Wind Farm operators are requested to submit a report regarding the operation of said lights on their wind turbines to this Ministry at the earliest, latest by 17.01.2020.

Yours faithfully

( Dr. Rahul Rawat )
Scientist ‘B’

Copy to - Chief Engineer, Gujarat SLDC
- Commanding Officer, Indian Air Force Station, Bhuj