

March 02, 2024

IWPA Circular No. 10 of 2023-24

(For kind attention of all members having Windmills in Tamil Nadu)

Dear Member,



Sub: Commercial Implementation of Forecasting, Scheduling and Deviation Settlement for Wind and Solar Generation) Regulations, 2024 from April 1, 2024

- Ref:**
- 1. Tamil Nadu Electricity Regulatory Commission (Forecasting, Scheduling and Deviation Settlement and related matters for Wind and Solar Generation) Regulations, 2024, notified on 22.01.2024.**
 - 2. Draft Procedure for Forecasting, Scheduling and Deviation Settlement for Wind and Solar Generation dated 12.02.2024, prepared by Tamil Nadu State Load Despatch Centre.**
 - 3. Lr. No. CE/GO/SE/ID&REMC/EE/SCH/A1/F.QCA/D.98/23 dated 14.02.2024 of Tamil Nadu Transmission Corporation Limited issued by the Chief Engineer / Grid Operation to all Wind and Solar Generators.**

- By virtue of Clause 5.2 & 5.22(h) of the above Regulations, it is mandatory now for all wind and solar generators to appoint a Qualified Coordinating Agency (QCA) within 90 days from 22.01.2024.
- Noncompliance of the mandate within the stipulated time would result in DSM charges from defaulting generators being collected at:
 - 125% of the capped price for energy injected into the grid from the 91st to the 180th day, and at
 - 150% of the capped price for energy injected into the grid from the 181st day onwards.
- The proviso to Clause 5.1 of the Regulations makes available the following options:
 - Engagement of a single QCA for wind and solar generators separately
 - An individual Generator alone connected to a sub-station that is designated as a Pooling Substation may opt to function as a QCA on its own or appoint a separate entity as its QCA
 - Avail the services of the State Load Despatch Centre (SLDC) for forecasting and scheduling services, subject to the condition that such generators will be responsible for the remaining part of the work assigned to a QCA.
 - Multiple QCAs for a single pooling substation is not permitted.
- On the basis of field-level experience and results over the last three years, the Indian Wind Power Association (IWPA) has tied up with Leap Green Energy Private Limited to be the single QCA for the state on behalf of its members. The negotiated service charge payable is as tabulated below:

S. No.	Category	Rate per MW per year – Rs. (Excl. GST)		Remarks
		FY 24-25	FY 25-26	
1	Wind Power Forecasting Charges per MW - Category A	3500	3750	For the Wind Generators Contributed for Trial Forecasting period for all the Three years
2	Wind Power Forecasting Charges per MW - Category B	4000	4250	For the Wind Generators Contributed for Trial Forecasting period – At least for Two years
3	Wind Power Forecasting Charges per MW - Category C	4500	4750	For the Wind Generators Contributed for Trial Forecasting period – At least for One year
4	Wind Power Forecasting Charges per MW - Category D	5000	5250	Wind Generators not yet contributed during Trial Forecasting period of 3 years

Where an IWPA member has recently commissioned additional fresh capacity, the charges leviable for the additional capacity shall be at the rates prescribed for the category into which the member falls.

Indian Wind Power Association

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Door No. E, 6th Floor, Tower -1, Shakti Towers, No. 766, Anna Salai, Chennai 600 002.

Regional Council: New Delhi

State Councils: Ahmedabad, Bengaluru, Hyderabad, Indore, Jaipur, Mumbai

Phone : 044 4550 4036, 4550 4281

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Website : www.windpro.org

5. Generators are required to complete QCA registration online by logging into <https://tnebsldc.org>.
6. Before logging in, the generators are required to have the following data ready:

- | | |
|---|---|
| 1. Name of the Generator | 1. Rated Power of each WEG(in kW) |
| 2. HT Service Number in 12 digits | 2. Turbine Make of WEG(s) |
| 3. Mobile Number for the Nodal Person | 3. Turbine Model No of WEG(s) |
| 4. E-Mail Address of the Nodal Person | 4. Hub Height (in meters) |
| 5. Category of the Generation –Wind | 5. Rotor Diameter (in meters) |
| 6. Rated Generation Capacity (in kW) | 6. Rotor Swept Area (in sq.meters) |
| 7. Rated Generating Voltage (in kV) | 7. Rotor Power Regulation (Stall/Pitch) |
| 8. Name of the Pooling Substation | 8. No of Blades |
| 9. Name of the Feeder in which the Generator is connected | 9. Blade length (in meters) |
| 10. Voltage rating of the above Feeder | 10. Generator Type (PMSG/EESG/DFIG/FSIG/SRG) |
| 11. Generator has alternate feeder connectivity | 11. Generator Rated Voltage (in V) |
| 12. Generator has alternate Pooling Substation connectivity | 12. Under Frequency Setting (in Hz) |
| 13. Main Meter Number in Generator/Service End | 13. High Frequency Setting (in Hz) |
| 14. Check Meter Number in Generator/Service End | 14. LVRT and HVRT setting (Enabled/Disabled/Not Applicable) |
| | 15. Wind turbine Power curve value |

7. In the drop down menu for choice of QCA, IWPA members are requested to choose and enter the name of Leap Green Energy Private Limited.
8. In order to assist with the registration process, Leap Green Energy Private Limited has set up a help desk, as per list attached. Members may please avail of their services.

Thanking you,

Yours faithfully
for Indian Wind Power Association

Ajay Devaraj
Secretary-General

Indian Wind Power Association

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