

January 22, 2016

IWPA Circular No.172 of 2016



Dear Friends in Wind Generation,

- Sub:**
1. Amma Call Centre at Chennai
 2. Deviation Settlement Mechanism (DSM)
 3. No Inter-State transmission charges and losses to be levied for solar and wind power
 4. International Workshop on Wind Energy Forecasting & Scheduling at Chennai

1. **Amma Call Centre:-** Honorable Chief Minister of Tamil Nadu J Jayalalitha has established Amma Call Centre (Toll Free Number -1100) that will collect grievances and send it to the officials concerned for remedy.

IWPA has submitted the enclosed petition requesting Chief Minister to order avoidance of grid dropping of Wind Mills and order full evacuation of Wind Energy. The English version of the petition is also attached. Members are requested to call the Amma Call Center at Chennai and make above request orally or make written submission for the attention of **Deputy Secretary, Tmt. J. Innocent Divya, IAS, Chief Minister's Office, Secretariat, Chennai 600009. Email: cmsec@tn.gov.in / cmcell@tn.gov.in.** Though the Association has submitted the petition, we request all our members to send individually their representation to the Amma Call Centre which will emphasize the actual gravity of the situation.

2. Deviation Settlement Mechanism (DSM) Regulations issued by TNERC regarding Forecasting & Scheduling by wind sector is posted on TNERC website on 13.1.2016. IWPA proposes to submit comments in the first week of February 2016. Members are requested to forward their comments to IWPA on or before 1st February 2016.

In the IWPA comments we propose to ask for increase in permissible limit from 10% to 15% and in the group captive category from 5% to 10%. Other decisions or comments will be factored in after receiving your response.

The TNERC has issued the following draft regulations inviting comments from the stake holders till 13-02-2016.

- Tamil Nadu Electricity Regulatory Commission (Intra State Availability Based Tariff) Regulations 2016.
- Tamil Nadu Electricity Regulatory Commission (Forecasting, Scheduling, Deviation Settlement and Related Matters of Wind and Solar Generation Sources) Regulations 2016.

As far as the wind energy is concerned, the Capacity and Energy Charges are governed by the respective EPA (Energy Purchase Agreement) and EWA (Energy Wheeling Agreement) signed between the parties. It is also governed by the TNERC's Renewable Energy Regulations and Wind Energy Tariff orders. For example, the Banking Provision of wind energy is a special provision for wind energy which may not fit into ABT purview.

As proposed by the TNERC in the draft, in the case of wind and solar generating stations, deviation charges shall be governed by charges specified through separate regulations / orders of the Commission. These deviation charges have been proposed in the other draft regulation issued by the Commission namely the "Tamil Nadu Electricity Regulatory Commission (Forecasting, Scheduling, Deviation Settlement and Related Matters of Wind and Solar Generation Sources) Regulations 2016". This is a more important Regulation for the WEGs. The points to ponder are:

Indian Wind Power Association

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National Council: Chennai ; Regional Council: New Delhi ; State Councils: Ahmedabad, Bengaluru, Hyderabad, Jaipur, Mumbai

A. The deviation charges proposed by the TNERC in the draft Regulation are tabulated below.

Sl. No.	Absolute Error in the 15-minute time block	Deviation Charges payable to State DSM Pool
1.	$\leq 10\%$	None
2.	$> 10\%$ but $\leq 20\%$	At Rs. 0.50 per unit for the shortfall or excess energy for absolute error beyond 10% and up to 20%.
3.	$> 20\%$ but $\leq 30\%$	At Rs. 0.50 per unit for the shortfall or excess energy beyond 10% and up to 20% + Rs. 1.00 per unit for balance energy beyond 20% and up to 30%.
4.	$> 30\%$	At Rs. 0.50 per unit for the shortfall or excess energy beyond 10% and up to 20% + Rs. 1.00 per unit for shortfall or excess energy beyond 20% and up to 30% + Rs. 1.50 per unit for balance energy beyond 30%.

Deviation Charges in case of under or over-injection by solar generators, for sale of power within the State

Sl. No.	Absolute Error in the 15-minute time block	Deviation Charges payable to State DSM Pool
1.	$\leq 5\%$	None
2.	$> 5\%$ but $\leq 15\%$	At Rs. 0.50 per unit for the shortfall or excess energy for absolute error beyond 5% and up to 15%.
3.	$> 15\%$ but $\leq 25\%$	At Rs. 0.50 per unit for the shortfall or excess energy beyond 5% and up to 15% + Rs. 1.00 per unit for balance energy beyond 15% and up to 25%.
4.	$> 25\%$	At Rs. 0.50 per unit for the shortfall or excess energy beyond 5% and up to 15% + Rs. 1.00 per unit for shortfall or excess energy beyond 15% and up to 25% + Rs. 1.50 per unit for balance energy beyond 25%.

B. Another important point for discussion is that as per the TNERC's draft Regulation **all WEGs shall forecast and schedule their generation to SLDC.** In Tamil Nadu only around 40% (3000 MW) of WEGs have given their consent to IWPA to forecast and we are doing it through NIWE. The other generators shall also give their consent to minimize their forecasting cost.

We believe the above brief note will help the Members to furnish their comments on the draft Regulations of TNERC. Members are requested to furnish their comments on the draft Regulations of TNERC on or before 31-01-2016 so as to compile the same and submit to TNERC in time.

3. Union Cabinet chaired by PM has decided to waive the Inter-State Transmission Charges and Losses to be levied on Wind Power and Solar.

4. International Workshop on Wind Power Forecasting & Scheduling is scheduled **at Chennai on 8th, 9th, 10th February 2016** for skill development of SLDC / RLDC Engineers in the Wind Rich States of India.

IWPA & NIWE are bringing experts from Europe to enable SLDC / RLDC Engineers to know how best the thermal generation units can be ramped down to 35% of capacity to accommodate lessened load demand during night and ramp up to 100% generation in half / one hour during day's peak demand and so on to accommodate fluctuations in wind generation and load demand.

Thanking you all once again for all the support.

With Best Wishes & Regards,

For Indian Wind Power Association

Prof. Dr. K Kasthurirangaian
Chairman

Enclosure: Petition in Tamil & English

Indian Wind Power Association

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