

December 10, 2014

IWPA Circular No. 127 of 2014 to Members with WEG in Tamil Nadu



Dear Members,

We have a glad news! It was 7 p.m. on 9th December 2014 when we, IWPA team was able to meet Dr. M Sai Kumar, IAS Chairman TNEB at his office. Even though it was just 3 days since he took over as Chairman TNEB, he pleasantly welcomed us, accepted shawl, bouquet and good wishes and agreed for a picture with us.

Taking seats offered, we briefed that in 2012, wind energy was fully evacuated and in 2013 & 2014 nearly 3 Billion Units were not evacuated. We do not want

such loss in 2015. We said we are not blaming anybody. Instead of cursing darkness, we would rather light a candle to quell darkness!

Last week, we attended an Energy Conference in Delhi and heard from experts from California, South Korea, China and Germany as to how they integrate Wind Energy into the grid without loss.

We discussed with officials at USAID and Danish Embassy to find what help they can extend to us to seamlessly evacuate all wind Energy and to convince grid managers that it is a possible exercise. We requested help from Senior level officers of Power Grid Corporation of India (PGCIL) and experts of Indo – German Energy program GIZ appointed by Ministry of Power to be in-charge of laying Green Energy Corridors and Renewable Energy Management Centre (REMC) in wind rich States, to know the scope of REMC under 12th Plan and how they can help full evacuation in Tamil Nadu in 2015 Season.

As of today, there is no facility in Tamil Nadu to measure real time Wind generation. With all this background, we Wind Power Producers of Tamil Nadu have come forward to install Wind Energy Integration Facility (WEIF) in Tamil Nadu Grid.

WEIF is installing energy meters in all Wind Power Pooling Substations, putting in Sim Cards like the Sim cards we use in our mobile. Energy meters in all 110 Pooling Stations would communicate real time Wind Energy generated ; a server installed at SLDC / SRLDC will receive all data synthesize into one and display it on the Computer Monitor of grid manager. A forecaster receiving same signal will imbed day's met data and historical data and play forecasting Wind Energy likely to be received after one hour, 4 hours and 24 hours on the grid manager's monitor. With better display of visibility of Wind Energy, Grid Manager can comfortably schedule Wind Energy into the grid like he schedules thermal energy. **IWPA requests early orders from TNEB for WEIF installation.**

Further in its efforts to accommodate more of 3500 MW of Wind Energy during June – September windy months Tamil Nadu get penalty for UI charges as Tamil Nadu grid size is just 12,000 MW. If Wind Energy is handled by Southern Regional Power Committee which handles 35,000 MW, wind energy variations can be better accommodated. SRPC has written to TNEB.

We request TNEB to reply early in affirmation to avoid penalties on TNEB. We handed over the enclosed memorandum. He promised to look to. Regarding the revival of periodical meets of Co-ordination Committee, he agreed to look into it. We look forward to favorable outcomes.

In the meanwhile newspaper report on Commissioning of Thiruvallam (Vellore) – Kurnool (AP) link of Kurnool, Raichur (Kar) Sholapur (MH) line of 765 KV double circuit capable of transmitting 5000 MW (2 X 2500) has come. Now Wind Energy or any energy can move freely among all Southern States & North from Tamil Nadu.

Thanking you and with Best Wishes & Regards,

Yours faithfully
For Indian Wind Power Association
Prof. Dr. K Kasthurirangaian
Chairman

Enclosure: IWPA memorandum to TNEB Chairman & News on Kurnool to Thiruvallam line