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### **TO AMMA CALL CENTRE**

### **AN APPEAL BY INVESTORS AND INDUSTRIES OF TAMIL NADU**

**To the Honorable Chief Minister J Jayalalithaa Madam,**

Our humble submission on behalf of the 1,300 Wind Power generators. Our heartfelt thanks for creating the Amma Call Centre, a novel scheme for quick redressal of public grievances.

This petition is only to pledge our cooperation to make Tamil Nadu a leading State in India and is not to lodge complaints about any person or entities. Tamil Nadu has the highest number of wind mills installed in India to the tune of 11,800 Wind Mills with an aggregate installed capacity of 7,480 MW.

Pollution free and cheap, generating wind energy does not require fuel or water at all. It is also environment friendly.

Though wind energy, like loads in the grid, is variable in nature, but with available latest technology, the quantum of wind energy could be forecast with 90% accuracy thus enabling full integration into the grid. We are providing the forecast regularly to the Grid Managers.

In this connection, thanks to CMD TANGEDCO, we have installed meters in all the wind energy substations and also at Chennai SLDC to provide visibility and forecast for the next 8 days with 15 minutes interval. This forecast data is being provided by National Institute of Wind Energy (NIWE) to the TANGEDCO Engineers.

Though NIWE is providing the visibility and forecast data to the SLDC Engineers, windmills are being grid dropped from 10:00 p.m. to 06:00 a.m. Due to this, the generation of wind energy is severely affected. Consequently it affects the industries using this wind energy. This type of wastage can be avoided.

Many developed countries ramp down or up their thermal energy generation in such a way that wind energy is absorbed fully. The pioneer in this is Denmark. Hence our Association had taken the initiative to send three engineers from TANGEDCO for training at Denmark and Switzerland.

TANGEDCO had evacuated 10,212 million units of wind energy for the period April 2012 to December 2012. However, TANGEDCO had absorbed only 6,108 million units for the same period in 2015 i.e. from April 2015 to December 2015. This amounts to 40% reduction in absorption of wind energy. 4,104 million units of wind energy have not been evacuated. It was wasted. Because of this, Tamil Nadu, TANGEDCO, Wind Generators, Electricity Consumers & Industries have been put to loss due to this wastage of cheap, environment friendly, pollution free wind energy. Instead costlier thermal power has been availed which has been pointed out by CAG also.

**It is our humble request that the cheap and pollution free wind energy should be evacuated in full.**

**Our Appeal to Chief Minister Amma is to instruct TNEB not to disconnect Wind Mills from the grid but to absorb 100% Wind Energy to save Wind Energy sector and the Industries consuming wind energy in Tamil Nadu.**

We profusely thank for the opportunity to submit our grievances through the Amma Call Centre.

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#### **Indian Wind Power Association**

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