

ANNEXURE 4

ENERGY AUDIT

As per the provisions made available in the EC Act 2001, the State Designated Agency (SDA) i.e the Tamil Nadu Electrical Inspectorate (TNEI) has been nominated by Bureau of Energy Efficiency (BEE) in consultation with GoTN to carry out the schemes on energy Conservation and other allied activities in the state of Tamil Nadu such as creating Database, Policy formulation, Annual reports review, Awareness creation on energy conservation and Safety measures, conducting energy audits for Designated Consumers, capacity building and to co-ordinate, regulate and enforce the provisions of the Act.

TANGEDCO as such could not insist for energy audit among industries / commercial establishments on its own.

GoTN had already been addressed in this regard.

However the TANGEDCO Board has initiated all possible steps in all Thermal & Gas Power Plants of TANGEDCO being a Designated Consumer (DC) to meet out Energy Consumption (EC) norms and specified standards based on the notifications issued by the Ministry of Power (MOP), Govt of India on Perform, Achieve and Trade (PAT) scheme and the form I required had been submitted before the dead line of 30.06.2012 as per S.O. 687(E) dt.30.03.2012 and PAT Rules vide GSR No. 269(E) dt.30.03.2012.

ENERGY CONSERVATION MEASURES:

TANGEDCO have taken all steps on its own in creating wide awareness among general public on the need for energy conservation and on the methods available as follows:

The Energy Conservation Day/Week every year during December across the state is being celebrated in a grand manner by organizing various events.

TANGEDCO have celebrated "Electricity Awareness Week" in all districts across the state between 21st and 27th of August 2012 to create awareness on Electrical Safety, Prevention of Electrical Theft and Energy Conservation by disseminating a Handbook on the same which was released by the Hon'ble Minister for Electricity on 21.08.2012 at Chennai.

TANGEDCO through Hello and Rainbow FM have created awareness among the general Public on issues related to general in nature, LT billing and Energy Conservation.

As announced by the GoTN during the Budget Assembly session 2012, TANGEDCO is taking steps to issue one CFL at free of cost to the Hut Services across the state and 1 Crore CFLs to metered domestic services at subsidized rate of Rs15/- per CFL to offset the peak demand.

The TANGEDCO Board has directed to upscale the replacement of 1 Crore CFLs after implementing in 2 districts. Accordingly Villupuram and Kanyakumari districts were selected for implementing the scheme. Procurement of CFLs to distribute to Hut and Metered domestic services is under process.

TANGEDCO has also proposed to use LED lights in the cabin of HODs in all the TANGEDCO and TANTRANSCO offices at Head Quarters for its huge energy saving potential and owing to the high cost of the bulbs as promotional measures in first phase.

TANGEDCO also made mandatory the use of EEPs (3 Star and above) for the new agricultural service connection.

TANGEDCO has initiated the pilot study on the feasibility of implementing the Renewable Energy (RE) based DSM and Demand Response (DR) Strategy at Tiruppur & Udumalpet with the help of M/s. Shakthi Sustainable Energy (SSE) Foundation Ltd.

The pilot study on promotion of Energy Efficient appliances in Domestic and Commercial sectors at Chennai has also been undertaken by TANGEDCO with the help of M/s.The Energy Resources Institute (TERI).

Apart from the above, the following activities are also being carried out by TANGEDCO on Energy Conservation measures.

Energy conservation tips along with other suggestions have been displayed in the web-site of TANGEDCO for wider publicity among the public.

The need for energy conservation is being emphasized in all training programmes / workshops / seminars conducted by TANGEDCO.