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ENERGY (C2) DEPARTMENT
SECRETARIAT,
CHENNAI-09.

Letter (Ms.) No.19, dated 28.02.2013

From
Thiru. RAJESH LAKHONI, I.A.S.,
Secretary to Government.

To
The Chairman and Managing Director,
Tamil Nadu Generation and Distribution Corporation Limited,
Chennai-2.

Instructions
✓ The Chief Electrical Inspector to Government,
Chennai-32

Sir,

Sub: Energy Conservation – Conducting of Energy Audit for all the consumers with electrical installations exceeding 650 V other than designated consumers – Instructions- Issued.

The Hon'ble Minister (Electricity, P&E) has announced in the floor of Assembly during the Budget 2012-13 that Energy Audit will be made mandatory for the non-designated consumers such as HT Industries, extra High voltage Industries and Commercial complexes.

2. The Central Government have made mandatory energy audit for Designated Consumers as defined under clause (e) of section 14 of Energy Conservation Act, 2001. Hence it is felt essential that a substantial progress in energy conservation could be achieved if such a measure is extended to all the consumers with electrical installations exceeding 650 V other than designated consumers also in the interest of addressing energy crisis for the benefit of the State.

3. In order to conserve energy and to promote energy efficiency among all the consumers with electrical installations exceeding 650 V other than designated consumers for achieving energy security and reducing energy intensity in the State, conducting energy audit is an important parameter. Energy Audit comprises of verification, monitoring and analysis of use of energy including submission of technical report containing recommendations for improving energy efficiency with cost benefit analysis and an action plan to reduce energy consumption.

4. There is a tremendous saving potential of energy in electrical installations exceeding 650 V. In such installations energy cost will emerge as a top operating cost which has to be managed in order to reduce energy intensity for the State besides reducing energy cost to the consumer through the implementation of identified measures. In order to manage energy cost, conducting Energy Audit will help to understand more about ways in which energy and fuel are used in any industry and help in identifying the areas where waste can occur and where scope for improvement exists. Energy Audit provides a benchmark (Reference point) for managing energy in the organization and also provides the basis for planning and managing a more effective use of energy throughout the organisation. The implementation of Energy Audit would pave way for harnessing a great potential in terms of Power Plant Capacity addition as well as reduction of CO₂ emission. The energy audit shall be applicable to all the consumers with electrical installations exceeding 650 V other than designated consumers.

5. The Government, after careful examination, issue the following directions for implementing energy conservation on all consumers with electrical installations exceeding 650 V other than designated consumers in the interest of public and in curbing abuse of energy and to curtail CO₂ emission.

- a) All the consumers with electrical installations exceeding 650 V should be encouraged to prepare an energy conservation plan and submit it to Electrical Inspectorate.
- b) The plan shall incorporate the detailed voluntary targets for reduction in energy consumption by using efficient equipment fixed by the consumer.
- c) The monitoring of implementation and reporting to Government shall be done by Electrical Inspectorate in the capacity of State Designated Agency.

6. The Government also direct the Chairman and Managing Director, Tamil Nadu Generation and Distribution Corporation Limited and Chief Electrical Inspector to Government to initiate action for implementing the Energy Conservation on all the consumers with electrical installations exceeding 650 V other than designated consumers.

Yours faithfully,

A. Ananthu

for Secretary to Government.

Copy to:

The Senior P.A. to Hon'ble Minister (Electricity, P&E),
Chennai-9.

The Chief Minister's Office, Chennai-9