

A B S T R A C T

Estt. –APTRANSCO- Creation of Energy Efficiency & Conservation Cell (EECO Cell) in APTRANSCO and Formation of Energy Efficiency & Conservation Cell Advisory and Coordination Committee (EECOACC) –Orders – Issued.

(PERSONNEL SERVICES)

T.O.O.(Per- Addl. Secy).Ms. No. 123

Date: 05-09-2008.

Read the following:

1. Note Approval received from JMD(HRD, Comml., IPC, Reforms, RA&IT)
Dated.29/30.8.2008.

O R D E R:

1. Our state has been experiencing power shortages due to ever increasing demand for electricity and under utilization of available generation capacities on account of shortages in fuel supply. Non-availability of natural gas to the existing and new gas power projects is one of the reasons for the present power problems in the state. The problem gets compounded with the delays in onset of monsoon in the catchment areas of Krishna basin resulting in poor inflows in to the Srisailem and Nagarjuna Sagar reservoirs. Problems in production and transportation of coal to the thermal power projects are making the situation more volatile.
2. In view of the above, the need for efficient use and conservation of available energy has become even more important. While efforts are on to bridge the demand supply gap through increased supplies, there is enormous potential in our state to reduce the power demand through energy efficiency and energy conservation measures in various sectors of the economy. These measures will not only reduce the need to create new capacity requiring mobilization of huge resources but also result in substantial environmental benefits in terms of reduced green house gas emissions. Government of India and several State Governments have realized the importance of energy conservation and efficiency improvement and have already initiated measures in this direction. Thus, there is a need for special attention and to evolve comprehensive action plan for energy conservation for the state of AP covering all sectors of economy. APTRANSCO is ideally positioned to achieve this objective. Hence it is felt necessary to constitute a cell to deal with the issues of energy efficiency & conservation and also a committee to achieve the targets of the cell with involvement of different stakeholders like State Government, DISCOMs, APGENCO, APERC, NEDCAP, Consumer Groups, NGOs etc.
3. After careful consideration, the APTRANSCO hereby accords approval for creation of **Energy Efficiency & Conservation Cell (EECO Cell)** in APTRANSCO and for formation of **Energy Efficiency & Conservation Cell Advisory and Coordination Committee (EECOACC)**.

-contd.

-2-

A. Energy Efficiency & Conservation Cell (EECO Cell):

I. Objectives of EECO cell:

- i. To evolve comprehensive Energy Conservation Action Plan for the state of AP in consultation with all the stakeholders.
- ii. To create awareness among all categories of consumers of electricity regarding the need for energy conservation and methods to achieve the same.

- iii. To aid and advise power utilities in achieving energy efficiency and conservation of energy.
- iv. To study various schemes being implemented by the power utilities and suggest methods for better energy management.
- v. To continuously monitor the energy consumption patterns in various sectors of the economy and suggest improvements.
- vi. To create awareness on Clean Development Mechanism (CDM)/ Carbon credits and promotion of renewable energies.
- vii. To promote and act as catalyst for R&D activities relating to energy efficiency and conservation.
- viii. To disseminate information on various developments at national and international levels relating to energy conservation to all stakeholders.

II. Energy Efficiency & Conservation Cell (EECO Cell) shall begin its activities with the following thrust areas and initiatives:

a. Thrust areas of the EECO cell:

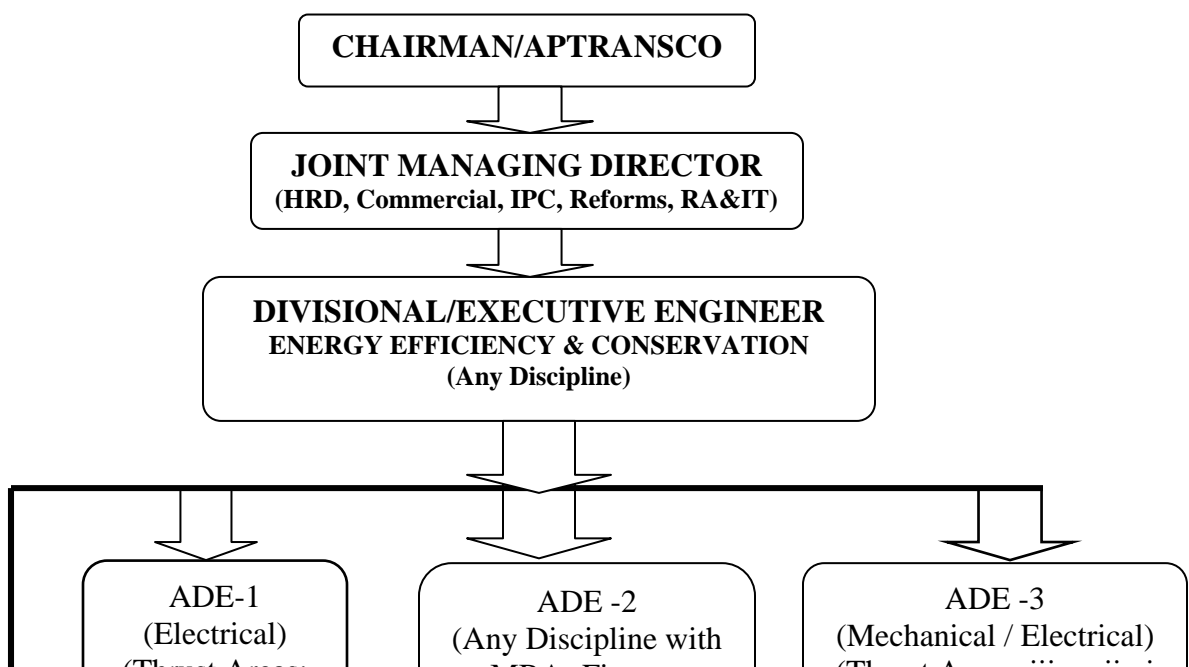
- i. Energy Efficiency (EE) in Domestic sector.
- ii. Demand Side Management in the Agriculture Sector.
- iii. Energy Efficiency in Industrial Sector.
- iv. Energy Efficiency in Street Lighting and Municipal Water supply systems.
- v. Energy Efficiency in Generation.
- vi. Awareness on energy conservation and efficiency to all categories of consumers.
- vii. Awareness on CDM/carbon credits and promotion of renewable energies.
- viii. Energy Efficiency in buildings and establishments.
- ix. Awareness on Energy conservation Building codes, Manuals and other codes.
- x. Energy Conservation Awareness in Schools.
- xi. Dissemination of information on various developments at national and international levels relating to energy conservation to all stakeholders.
- xii. Other initiatives including encouraging DWCRE groups in energy sector.

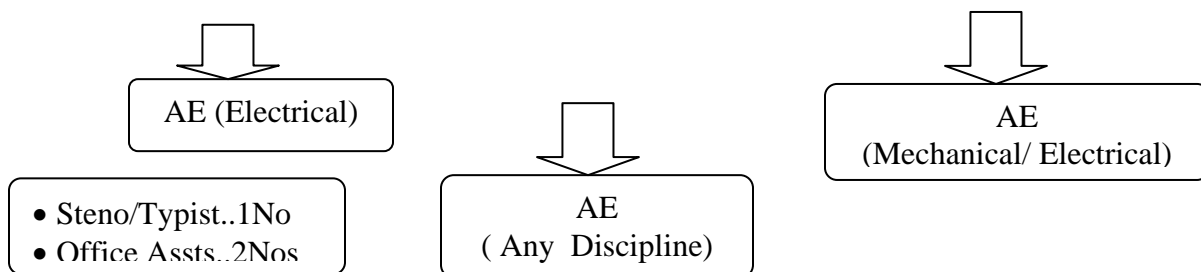
b. Initial activities:

- i. Preparation of Comprehensive Energy Conservation Action Plan (ECAP) for the state of AP through inputs from Consultants. The preparation of ECAP will take about 3-4 months time.
- ii. During the above period EECO cell will conduct visits to other states where similar energy conservation initiatives have already been taken up.
- iii. EECO will hold discussions, workshops and seminars with Civil Society Organisations and all other stakeholders to finalise the ECAP.

-contd.

III. The Structure of Energy Efficiency & Conservation Cell (EECO Cell) in APTRANSCO is as follows:





(*) Any other work as per thrust area item No. xii entrusted from time to time

IV. Staff for EECO Cell: The required staff for the EECO cell shall be drawn from various units of APTRANSCO from all over the state, by identifying and diverting respective posts and also through deputations from four Distribution Companies/APGENCO. The Head Quarters for the Staff working in EECO cell will be Vidyut Soudha, Hyderabad and the salaries and other expenditure will be incurred initially through AO/CPR, O/o FA&CCA(R&A), and the expenditure pertaining to DISCOM/APGENCO staff will be reimbursed by respective DISCOMs/APGENCO.

V. Budget for EECO Cell: The expenditure to carry out EECO cell activities and other incidental and miscellaneous expenditure with an approximate amount of Rs.40.00 Lakhs for the FY 2008-09 will be first met from budgetary allocation/cash grants of APTRANSCO and initially will be charged to the Administrative & General Charges Account of APTRANSCO. Since APDISCOMS are the major beneficiaries of the energy conservation programs & activities of EECO cell, the APDISCOMS need to reimburse the expenditure incurred by EECO cell in the following manner:

- APTRANSCO: 10% of the total expenditure.
- Four DISCOMs: Balance 90% expenditure in the proportion of allocated installed generation capacities.

VI. Infrastructure: Chief Engineer/Civil, Chief Engineer/RAC, Reforms & IT and Additional Secretary/APTRANSCO shall make arrangements to provide necessary office accommodation, Computer systems and furniture, etc., to the EECO cell.

-contd.

-4-

B. Energy Efficiency & Conservation Cell Advisory and Coordination Committee (EECOACC): The Energy Efficiency & Conservation Cell Advisory and Coordination Committee consist of the following composition of members.

- JMD/ HRD, Comml.,IPC, Reforms, RA & IT**(Chairman)**,
- CMDs of 4 DISCOMs,
- Representatives from APERC, NEDCAP, APGENCO, Department of Energy & Academic Institutions,
- Experts from Power Sector,
- Civil Society Organisations (CSOs),
- Groups like CII/FAPCII, ESCI, Energy Conservation Mission (ECM) of Institute of Engineers, Prayas Energy Group/Pune, Peoples Monitoring Group/Hyderabad, etc.,
- DE/EE (EECO).**Convenor**

(By order and in the name of Transmission Corporation of Andhra Pradesh Limited)

AJEYA KALLAM
CHAIRMAN & MANAGING DIRECTOR

To
All Functional Heads/APTRANSCO, APPCC

All CMDs of DISCOMs

Copy communicated to:-

The Special Chief Secretary to Govt., Energy Dept., AP Secretariat, Hyderabad.

The Chairman, APGENCO, APERC, NEDCAP

Copy to the:-

All Functional Heads//All Sections//All CGMs/DISCOMs

CE/Commercial/APPCC, CE/IPC/APPCC, Dy.CCA/APPCC

Managing Director/APGENCO

PS to JMD(HRD, Comml,IPC, Reforms, RA&IT)

DE/Tech to Director(Transmission)

DE/Tech to Director(Projects, Coordination &GO)

PS to JMD(Vigilance & Security)

PS to Director (Finance & Revenue)

PS to Chairman &Managing Director

Pay Officer//AO(CPR)//Dy.CCA(Audit)//RAO(EBCA)

CRS//Stock File//Spare.

C.No.Addl.Secy/ADE(MPP)/A1/998/2008.

//FORWARDED ::: BY ORDER//

ASST. DIVISIONAL ENGINEER

Energy saved is Energy produced
Electricity saved is Electricity produced