

ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

No. : ATM-1(M-IT)/715(1)/2014-IT



Corporate Office,
Mushirabad, Hyderabad-20,
Dated: 11.03.2014.

To
All Executive Directors & Regional Managers,
A.P.S.R.T.C.

Sub:-	ENERGY AUDIT - Development of web based software to monitor Power factor and power consumption at various units - Reg.
Ref:-	Circular No.01/CCE/2013-14, Dt.22.04.2013.

Vide letter cited above it was informed that, the APCPDCL authorities have changed electricity unit from KWH(Kilo watt Hour) to KVAH(Kilo Volt Ampere Hour) from 01.04.2010 for all the service connections of load 10 KW and above. The Trivector Energy Meter is fitted for recording both P.F and KVAH. To maintain Power factor to Unity i.e to maintain equal KVAH and KWH, Power Capacitors are fixed in all the Bus Depots and Bus Stations having load of 10 KW and above. In spite of the above, electricity charges are being paid for higher KVAH units leading to excess payment due to following reasons.

- d. Fuses blown in the main switch of Capacitor
- e. Switch off of main switch of Capacitor
- f. Partial or complete failure of Capacitor etc.

In order to overcome above problem and also to avoid huge amounts to be paid towards energy charges and also for optimal utilization of power, IT department has developed web based software to monitor the Power factor, KWH/KVAH readings and power consumption of Depots/Bus Stations/other units. The procedure to implement the above software at Depots/Bus Stations/Units is given hereunder.

PROCEDURE :

- Login to apsrtcinfo.com, select "MED" tab and select "ENERGY AUDIT" tab and the following menu will appear.
- ENERGY AUDIT - ELECTRICITY BILLS DATA ENTRY - Electricity bill details to be entered in the concerned unit computer system.

By entering the Depot/Bus Station/Units electricity bill details in computer systems of concerned unit, it will be easy to monitor and rectify power capacitors and power leakage problems so as to minimize amounts spent on power consumption.

Hence, it is requested to instruct the Depot Managers/Unit officers concerned to utilize the web based software at all the units for feeding the electricity bills data so as to review the same by higher authorities and early rectification of power capacitors and connection problems so as to reduce the amounts being paid for energy consumption charges.


EXECUTIVE DIRECTOR (E&IT)

Copy to FA&CAO, ED(O,MIS &AM), ED(A&P), ED(MEDICAL & HRD) and Secretary to Corporation for information.

Copy to CCE & all EEs & Dy.EEs(Elc) for information.

Copy to All the WMs/COSS/Dy.CTMs/Dy.CMEs/DVMs of Regions and all the Depot Managers for n/a.