

ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

Office of the,
VC & MD, MSRD,
Bus Bhavan, Hyd.

No.CCE/ (Elec./ES)/13-14.

CIRCULAR No. 01 /CCE/2013-14, Dt. 22.04.2013

**Sub: - Saving of power in Bus Stations, Bus Depots, Offices, Work shops
and Tyre Shops to reduce the Electricity Charges - Reg.**

- Ref: 1. Circular No.06/CCE/2012-13, Dt.18-12.2012.
2. Lr.No. PA/401(6)/2012-MED, Dt.21.03.2013.
3. Dir. (V & S)/SR (17)/12-VJA, Dt.08.04.2013.

Being a potential consumer, the Corporation has been spending about Rs.18.00 Crores on Electricity bills per annum. Savings in Energy consumption not only results in reduction of Electricity bills but also enables the Government to supply the energy saved to the society wherever it is in much need. Also it is observed that, there is ample scope for minimizing electricity consumption in the Corporation if certain regulatory measures are imposed and discipline is maintained.

A Circular has been issued vide ref 1st cited, regarding power saving in Bus Depots, Bus Stations, Work shops etc., and to all units of Corporation

In this regard further guidelines are hereby issued to achieve savings on Electricity consumption.

1. The delay in payment of electricity charges attracts penalties and the same should be avoided.

2. 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,

- a).Fuses blown in the main switch of Capacitor,
- b).Switch off of main switch of Capacitor,
- c).Partial or complete failure of Capacitor etc.

(Cont.pg.2)

daily

✓ In view of the above, DM's are requested to maintain a register and verify the equality of KWH & KVAH units ~~in every bill before making payment~~ and if any deviations are observed the same shall be brought to the notice of concerned Dy.EE (Elec.) for rectification.

3. For Cat-II i.e. for Bus Stations (Commercial), DM's office, Depot lighting & for Cat-III i.e. garage (Industrial loads), the following items are included in the Electricity bills.
 - 1). Energy Charges or Consumption Charges,
 - 2). Fixed Charges,
 - 3). Electricity Duty,
 - 4). Customer Charges.

Other than the above four items in the bills, if any extra charges are found the same may be informed to concerned Dy.EE (Elec.) for verification before payment.

4. A copy of H.T service electricity bill should be sent to Dy.EE (Elec.) concerned for verification every month.
5. Station Managers shall be advised to maintain a Register showing month wise consumption for all Licensees in Bus Stations. The register should be verified by Asst.Manager (Traffic) in every month and DM should make random check. If any abnormality is observed in the units consumed the same shall be intimated to concerned DY.EE (Elec.) for verification and corrective action.
6. DM's are requested to observe the functioning of Sub meters, of Licensees. If the meters are not in working condition, action to be taken to replace immediately by licensees.
7. The employees should be educated to switch off the lights, fans in the staff rest rooms and Machinery during idle times.
8. During the time of power cut, Generators are being used for power supply in most of the units. During such time also the electrical appliances are being used without any awareness leading to higher consumption of HSD Oil causing financial burden to Corporation.
9. DM's are advised to pass on the message regarding power savings to the grass root level so as to bring awareness among the work force.

(Cont.pg.3)

10. The out sourcing staff such as, sweepers, office boys shall also be educated as they will be the first persons to switch on the lights in the morning. They shall be guided to switch on minimum lights for their sweeping and cleaning purposes.
11. Slogans may be painted on the walls of rest rooms and offices advising the staff to switch off lights, and fans whenever leaving the place.
12. The unnecessary electrical lighting shall be switched off after 22.00 hours in major 'A' class bus stations and after 20.00 hour in 'B' & 'C' class bus stations, duly maintaining required level of lighting depending upon Traffic flow.
13. One Air Conditioner should be utilized at a time in Computer Console room, though provided with two air conditioners.
14. The higher power tube lights may gradually be changed with CFL bulbs of low wattage to reduce the power consumption.
15. The water wastages at bath rooms, washing plants may be controlled which will intern affect the consumption of electricity.

All the Depot Managers, ATM's are requested to take action accordingly.


Chief Civil Engineer

To

All Depot Managers.

All ATM's: MGBS/JBS/PNBS/NTR -BS/TPT/KRNL/DBS-VSP.

All Dy.Executive Engineers (Elec.).

Copy submitted to All Executive Directors of HYD/KRMR/KDP/NLR/VJA/VZM

Zones for information.

Copy to All Regional Managers for information.

Copy to All Executive Engineers for information.

Copy to All Dy.Executive Engineers (Civil) for information.