



ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

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APERC – Restriction and Control (R&C) measures - Approval granted

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Proceedings. No. APERC/Engg/JD(Engg)/E-215/1/2022

Date:11-04-2022

Read the following:

Lr. No. CMD/APSPDCL/TPT/R&C Measures/F.R&C/D.No.169/22, Dt:07.04.2022

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The Southern Power Distribution Company of Andhra Pradesh Limited (APSPDCL), on behalf of all the three distribution companies, namely APEPDCL, APCPDCL, and APSPDCL submitted a representation vide the reference cited, seeking permission to impose certain restrictions on power supply under section 23 of Electricity Act, 2003.

2. The gist of APSPDCL's letter is as follows:

- a) Presently the state grid is experiencing a daily average demand of around 230 MU and the same is expected to reach 240 MU by the third week of April 22 and there onwards it is poised to recede due to the completion of Rabi crop season. However, the consumption from the domestic category is projected to increase more than the present level in view of the summer season.
- b) The present power demand and supply situation is briefed as under:

| S.No | Item | Quantity (MU/day) |
|------|-----------------------------|-------------------|
| 1 | Grid Demand | 230 |
| | Committed Sources of Supply | |
| 2 | AP Genco – Thermal & Hydro | 85 |
| 3 | Central Stations | 45 |
| 4 | IPPs | 10 |
| 5 | Wind | 10 |
| 6 | Solar | 25 |
| 7 | Total (2+3+4+5+6) | 175 |
| 8 | Deficit (1-7) | 55 |

- c) A sharp uptick in power demand is witnessed in the state as the economy recovered from the Covid-19 pandemic along with warm & humid conditions prevailing across the state.

- d) The deficit power as indicated above on a daily basis is being procured from the Short Term sources through Energy Exchanges on Day Ahead, Week Ahead, or Real-Time Market segments. The present rates in the market are hovering around Rs 10.0/unit. The average procurement cost of power from the market for the month of March 22 is around Rs 8.10/unit and the situation during April 22 is expected to be grimmer due to the shortage of domestic coal supply, skyrocketing prices of imported coal, the dependence of certain IPPs on auctioned domestic coal instead of imports, the phenomenal increase in grid demand across the country, etc.
 - e) During 6 PM to 6 AM, countrywide demand for power in the exchange is 14000 MW and availability is 2000 MW across time blocks. This results in subdued quantity realization in the exchange even if bid at a ceiling price of Rs 12.0/unit. As such, APDISCOMs are facing a shortage of around 20 MU/day.
 - f) In this unwarranted scenario, APDISCOMs are left with no other choice except to impose certain Restriction & Control (R&C) measures from 08.04.2022 to 22.04.2022 tentatively.
3. The Commission examined the Licensees proposal and is of the view that it is essential to permit the restriction and control on the usage of power by consumers as proposed in order to protect the grid from failures and to maintain discipline AMong various consumers and decides to impose the following Restriction & Control (R&C) measures in the state.

ORDER:

4. In exercise of powers conferred by Section 23 read with clause (k) of sub-section (1) of Section 86 of the Electricity Act, 2003 (36 of 2003) and all powers enabling it in that behalf, and clause 16 of the General Terms and Conditions of Supply, the Andhra Pradesh Electricity Regulatory Commission hereby imposes the following Restriction & Control (R&C) measures with effect from 00.00 hours on 08.04.2022 which will be operative till 24:00 hours of 22.04.2022.

A) Industries:

- a. **Continuous Process Industries** – 50% cut in contracted demand for 24 hours (round the clock)
- b. **Non-Continuous Process Industries** –
 - i. 1 additional weekly power holiday -> Roster shall be issued by each DISCOM so that equal Load Relief happens in MW terms every day.

- ii. In addition, only one shift shall be allowed during the daytime before 6 PM and any shifts after 6 PM shall not be allowed.

B) Commercial:

- a. All govt and private offices, shopping malls – Wide publicity shall be issued for usage of ACs to be restricted to half the capacity.
- b. Advertisement hoardings, signboards – To be switched off from 6 PM to 6 AM

C) Domestic: There shall not be any load relief during the evening, night, and morning peaks. Whereas the following scheduled load relief shall be implemented.

- a. Rural – 1 hr scheduled load relief during daytime - 8 AM to 6 PM. Each DISCOM shall issue a division-wise schedule to that effect.
- b. Urban – 30 minute scheduled load relief during daytime 8 AM to 6 PM. Each DISCOM shall issue a division-wise schedule to that effect.

D) Agriculture

Continuous supply during daytime for 7 hours instead of 9 hours.

- 5) All essential services shall be exempted from the above restrictions to the extent possible.
- 6) **The DISCOMs shall monitor the position on a continuous basis during the restriction period at the CMDs of DISCOM level and also form teams at the field level with DPE, M&P and operation staff for inspection/checks of the restriction measures and inspection/checks carried out shall be submitted to the Commission on daily basis.**
- 7) **Hourly scheduled demand, actual demand and ELRs shall be submitted to the Commission on a daily basis during the R&C period.**
- 8) **DISCOMs shall propose penal charges for non compliance of R&C measures and submit to the Commission for approval.**
- 9) The restrictions now imposed would be reviewed by the Commission from time to time based on the demand and supply position.
- 10) List of consumers categories exempted from the Restriction & Control Measures:
 - a) Andhra Pradesh Legislative Assembly/Andhra Pradesh Legislative Council
 - b) Andhra Pradesh High Court
 - c) Andhra Pradesh Secretariat
 - d) Newspaper printing and Electronic media
 - e) Ports, AIR, and Doordarshan
 - f) Airports and Aviation related services

- g) Dairies and Milk Chilling plants, Feed mixing plants, Cold storage plants
- h) Ice cream manufacturing industries
- i) Central Government R&D units
- j) Power supply to Irrigation construction projects
- k) Naval Dockyard, Visakhapatnam
- l) Oil exploration service connections and oil refineries
- m) Railway traction, Railway workshops, Goods sheds and Railway stations
- n) Hospitals
- o) Police stations and Fire stations
- p) Defense establishments
- q) Street lights
- r) Drinking water supply schemes
- s) Water works, water pumping stations and sewerage pumping stations
- t) Religious places
- u) Uranium Corporation of India
- v) Medical oxygen manufacturing plants

(By order of the Commission)


Commission Secretary_(i/c)

To

The Chairman & Managing Director/APSPDCL/Tirupathi

Chairman & Managing Director/APEPDCL/Visakhapatnam

Chairman & Managing Director/APCPDCL/Vijayawada

Copy to

The Energy Secretary/Ap Secretariat/Velagapudi

The CMD/APTRANSCO/Vijayawada