



**ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION**  
Vidyut Niyantana Bhavan, Adjacent to 220/132/33/11 KV AP Carbides  
SS, Dinnedevarapadu Road, Kurnool - 518 002, Andhra Pradesh.  
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APERC – Implementation of DSM program for Domestic & Commercial consumers in  
APEPDCL - Approval- Issued - Reg.

Engg/Proceedings. No. 45/2024

Date: 25-03-2025.  
Read the following:

Ref:- Lr.No.CGM/EC&Solar/EPDCL/GM/EE/Dy.EE/JE/EC&Solar  
/E-425164/D.NoI/571223/25 Dated,13.02.2025

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**ORDER:**

Vide reference cited above, APEPDCL submitted a Demand-Side Management (DSM) proposal. The proposal aims to reduce peak load demand and energy consumption in the APEPDCL licensed area by replacing existing conventional tube lights with LED tube lights and conventional fans with BLDC fans for domestic and commercial consumers. The details of the expected annual peak load reduction in energy consumption savings are shown in the table below.

DSM Measure	Targeted Segment	Targeted number of consumers	Expected PeakLoad Demand Reduction	Expected Energy Savings per Annum
Replacement of Existing conventional Tube lights with LED Tube lights	Domestic	10.02 Lakhs	22.22MW	45.82MU
	Commercial	3.87 Lakhs	9.09 MW	18.67 MU
Replacement of Existing conventional Fans with BLDC Fans	Domestic	8.9 Lakhs	40.06 MW	132.44 MU
	Commercial	1.65 Lakhs	7.46 MW	28.71 MU
<b>Total</b>			<b>78.83 MW</b>	<b>225.64 MU</b>

2. The APEPDCL proposed implementing the above-mentioned DSM program by following the two business models as described below:

A. Vendor Empanelment: DISCOM finalises technical specifications for LED Tube lights/BLDC Fans and selects vendors through a tendering process. The vendor finances the capital, and consumers purchase directly from the vendor.

B. On-Bill Financing (OBF): Consumers can opt for structured monthly instalments paid through electricity bills. Consumers should register with DISCOM, authorising automatic payment collection through their electricity bills. DISCOM will transfer the collected instalment amount to suppliers monthly.

3. After examining APEPDCL's proposal in detail, the Commission hereby approves the DSM proposal with the following directions to achieve the proposal's aim.

- i. The OBF model shall be implemented for consumers whose monthly consumption is less than or equal to 200 units.
- ii. An undertaking shall be obtained from the consumers who opted for the On-Bill Financing (OBF) Business Model to accept disconnecting their supply if they fail to pay structured monthly instalments along with the current consumption charges every month. Accordingly, DISCOM shall disconnect the supply to the consumers in case of default in the instalment amount.

**(By order of the Hon'ble Commission)**

  
**Commission Secretary** (i/c)

**To**

**The CMD/APEPDCL/Visakhapatnam**

Copy to

The Special Chief Secretary to GoAP, Energy Department

The CMD/APSPDCL

The CMD/APEPDCL