

- website well in advance.
14. The DISCOMS have made uninterrupted video conference arrangements at each and every Executive Engineer's operation office in each district having given wide publicity through print and electronic media about public hearings and participation facilities to the public for submitting their views/objections/suggestions to the Commission on their ARR, Tariff, and CSS proposals. The public hearings were conducted from 10.30 AM to 4.30 PM (with a lunch break of one hour) or till all the objectors were fully heard on all three days. The Chairman & Managing Director of each DISCOM made a brief presentation on their filings at the beginning of the first day. Then the stakeholders who registered for participation in the public hearings as per seriatim published day-wise on Commission's website were heard in detail apart from receiving all written representations presented by them during the three days of the public hearing. The Commission also heard the views/objections/suggestions from persons who have not registered to speak during the public hearings but appeared during public hearings through video conference, after hearing the registered objectors every day. At the end of the third day, the Chairman & Managing Director of the DISCOMS concerned gave a detailed response to each of the views/objections/suggestions presented by the objectors during the three days of the hearings. The representative of GoAP also presented the Government's response to the proposals of the DISCOMS and the public views.
 15. After the public hearings, the Commission held a meeting of the State Advisory Committee (SAC) on 20.02.2023 in the Corporate Office of APSPDCL at Tirupati, wherein the views of the members on the ARRs, FPTs, and CSS proposals of the DISCOMS were elicited. The CMDs of the DISCOMS were also invited to the SAC meeting as special invitees.
 16. The views/objections/suggestions expressed by the stakeholders and/or their representatives (Annexure-02), in writing and/or in person through video conference and the replies furnished by the DISCOMS in writing and/or through oral responses during the public hearings in respect of ARR, Tariff, and CSS proposals of the DISCOMS for FY 2023-24 and the views expressed by the members of the State Advisory Committee (SAC) in the SAC meeting on the filings of the DISCOMS (Annexure-13), have been carefully considered by the Commission while arriving at the conclusions in this Order, in so far as the determination of ARR, Tariff, and CSS for various consumer categories for FY 2023-24 is concerned.

Summary of Filings

17. The summary of the filings of the three DISCOMS is placed in the following paragraphs:

Sales and Power Purchase Requirement

18. The DISCOMs forecasted/estimated the sales volume to the different consumer categories during FY 2023-24 at 68519.92MU for the entire State, comprising 26280.91MU in respect of SPDCL, 26992.49 MU in respect of EPDCL, and 15246.52 MU in respect of CPDCL in their respective areas of supply. The power purchase requirement is arrived at by grossing up sales at respective voltage levels with applicable losses. For grossing up the sales, the DISCOMS have adopted the following percentage losses:

a) Distribution losses: The distribution loss percentages projected voltage-wise by APSPDCL, APEPDCL, and APCPDCL for FY 2023-24 are as follows:

Voltage Level	APSPDCL	APCPDCL	APEPDCL
33 kV	3.20	3.12	3.270
11kV	3.31	3.17	3.060
LT	5.08	3.74	4.380

b) Transmission losses: The Transmission losses have been considered as 3.75% and used to gross up the total energy requirements at DISCOM periphery.

The power purchase requirement for FY 2023-24 for the State as a whole was computed at 76774.30 MU by grossing up the forecasted sales volume with applicable losses at the loss percentages as stated above. The summary of sales, losses, and power purchase requirements as per filings is given in the table below:

Table 1: Filings - Sales, Losses, and Power Purchase Requirement

Sl. No.	DISCOM	Sales (MU)	Losses (MU)	Power purchase requirement (MU)
(a)	(b)	(c)	(d)	(e)=(c)+(d)
1	SPDCL	26280.91	3278.13	29559.04
2	CPDCL	15246.52	1980.75	17227.27
3	EPDCL	26992.49	2995.5	29987.99
4	Total	68519.92	8254.38	76774.30

Energy availability and Surplus/Deficit

19. Based on contracted supply sources, the DISCOMs have estimated the available energy during FY2023-24 at 89243.56 MU for the entire State. The summary of power purchase requirement, availability, and surplus/deficit for each DISCOM and for the entire State as per the filings is shown in the table below:

Table 2: Filings - Energy availability and Surplus/Deficit (MU)

Item	APSPDCL	APCPDCL	APEPDCL	Total
(1)	(2)	(3)	(4)	(5)
Availability	44228.45	17683.44	27331.67	89243.56
Power Purchase Requirement	29559.04	17227.27	29987.99	76774.30
Surplus/Deficit (-)	14669.41	456.17	-2656.32	12469.26

Aggregate Revenue Requirement Items

20. The DISCOMS computed/estimated the power purchase cost based on the expected volume of dispatch for each month (depending on monthly sales volume), and fixed and variable costs applicable as per CERC/APERC orders for each generation source/station for FY 2023-24. The transmission cost is stated to be as per the order dated 08.03.2019 issued by the Commission on Transmission Tariffs. The State Load Dispatch Centre (SLDC) cost is stated to be as per the order dated 08.03.2019 issued by the Commission on SLDC Fees and Operating Charges. The distribution cost is stated to be as per the order dated 15.04.2019 issued by the Commission on Wheeling Tariffs for the distribution business. The costs associated with the usage of the PGCIL network are based on the latest rates approved by CERC to evacuate the power from Central/Interstate Generating stations. The interest cost on consumers' security deposits is stated to be as per the regulation in vogue. The supply margin is stated to be computed at the rate of 2 percent on the 25 percent equity portion of the approved regulated rate base as per Distribution MYT Order dated 15.04.19 issued by the Commission.
21. The other costs are stated to be for the amounts payable towards agricultural solar pump sets, energy efficient pump sets, expenses for safety measures, expenses for grants to APSEEDCO as per the orders of the Commission, etc. The amounts payable towards pension funds are shown as separate items in ARR by all three DISCOMs. But, APSPDCL has shown them under network costs whereas APEPDCL & APCPDCL have shown them as part of supply cost.
22. With these ARR line items, as detailed above, the DISCOMS computed/estimated the ARR for FY 2023-24 as shown in the table below: