



Delhi Electricity Regulatory Commission
Viniyamak Bhawan, 'C' Block, Shivalik, Malviya Nagar, New Delhi – 17.

F.3(741)/Tariff/DERC/2024-25/8299

In the matter of: Allocation of Power from NPCIL RAPS Unit- 7 & 8 amongst the Distribution Licensees in National Capital Territory of Delhi.

State Load Despatch Centre
Through its : General Manager
33 kV Sub Station, Minto Road-
Tagore Road,
New Delhi – 110 002

BSES Rajdhani Power Limited
Through its : CEO
BSES Bhawan, Nehru Place,
New Delhi-110019

BSES Yamuna Power Limited
Through its : CEO
Shakti Kiran Building,
Karkardooma
Delhi 110 032

Tata Power Delhi Distribution Ltd.
Through its : Managing Director
Sub-Station Building,
Hudson Lane, Kingsway Camp
Delhi 110 009

Military Engineering Services
Garrison Engineer (Utility)
Electric Supply, Kotwali Road,
Delhi Cantt.-110010

Coram:

Justice (Retd.) Jayant Nath, Chairperson
Sh. Ram Naresh Singh, Member
Sh. Surender Babbar, Member

(Date of Order: 21/01/2025)

- 1) The Commission is in receipt of letter No. NPCIL/ED(Comml)/2024/M/36 dated 27/09/2024 from NPCIL requesting therein to confirm acceptance of 101.11 MW allocated share of power for the State of Delhi from Unit 7 and 8 of NPCIL Rajasthan Atomic Power Station (RAPS) vide allocation order dated 17/06/2024 to the Ministry of Power, Government of India (MoP, GoI).
- 2) The request of NPCIL was forwarded to Delhi Distribution Licensees namely BRPL, BYPL, TPDDL and NDMC for their suggestions/ comments. Further, a meeting was held on 8/11/2024 which was attended by representatives from TPDDL, BRPL, BYPL. However, no representative from NDMC attended the aforesaid meeting.
- 3) Subsequent to the discussions during meeting dated 8/11/2024, all Distribution Companies namely BRPL, BRPL, TPDDL, NDMC and MES were directed to submit their views on Allocation of Power from RAPS Unit- 7 & 8.

- 4) Accordingly, comments have been received from BRPL, BYPL, TPDDL, NDMC and MES; which are summarized as follows:
- i) Based on allocation from other NPCIL plants, TPDDL requested for allocation of 35 MW power from RAPS Unit 7 & 8 which will help them to meet their Power requirement in long-term basis.
 - ii) BRPL and BYPL submitted that Nuclear power plants provide reliable base-load power at a single-part, competitive tariff. Additionally, nuclear energy reduces dependence on variable renewable energy sources, ensuring greater stability in power supply. Accordingly, they requested to finalize the allocation of this power among Delhi DISCOMs.
 - iii) NDMC informed that they are in process of procuring Green Power instead of clean or conventional Power. Accordingly, they are not interested to procure the offered Power by NPCIL.
 - iv) Due to dependence of Power Exchange for procurement of Power, MES requested to allocate at least 15 MW or more from RAPS Unit-7 & 8 for electrification of major defence establishments of strategic importance.

Commission Analysis

- 5) RAPS-7&8 is India's second pair of indigenously designed Nuclear Power Plant of 700 MW unit size, located at Rawatbhata in Rajasthan. 101.11 MW Power has been allocated to the State of Delhi from RAPS Unit 7 & 8 vide MoP, Gol letter dated 17/06/2011.
- 6) Based on the cost benefit data submitted by DISCOMs, Single part Tariff, carbon free Power and reliable supply from RAPS Unit 7 & 8, the Commission Prima-facie is of the view that 101.11 MW of power from RAPS Units 7 & 8 assigned to the State of Delhi may be allocated among Delhi Distribution Licensees in proportion of Actual Energy consumption of past 5 years.
- 7) Inputs for DISCOM-wise Energy drawl data of past 5 years was sought from Delhi SLDC which was submitted by them vide emails dated 13/12/2024 and 16/12/2024. Accordingly, the DISCOM-wise Energy drawl data of past 5 years is analysed as follows

Table-1 : Actual Consumption of Power Utilities in Delhi w.e.f FY 2020-21 to FY 2024-25 (MU)

Sr. No.	DISCOM	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 (upto Oct '24)
1	TPDDL	9013	9507	10695	10742	7877
2	BRPL	12258	12844	14553	14771	11416
3	BYPL	6461	6794	7606	7513	5806
4	MES	223	230	244	249	172

Note: - As per SLDC, SEM data available up to the month of October 2024.

Sr. No.	DISCOM	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 (upto Oct '24)	Average of Last 5 years
1	TPDDL	32.24%	32.36%	32.31%	32.28%	31.17%	32.07%
2	BRPL	43.85%	43.72%	43.97%	44.39%	45.17%	44.22%
3	BYPL	23.11%	23.13%	22.98%	22.58%	22.97%	22.95%
4	MES	0.80%	0.78%	0.74%	0.75%	0.68%	0.76%
5	Total	100%	100%	100%	100%	100%	

- 8) Since NDMC is not keen to procure Power from RAPS Unit- 7 & 8, their share Power is pro-rated allocated to other DISCOMs in proportion of their actual energy consumption of past 5 years.
- 9) As per the information received from TPDDL, the NPCIL has conveyed the indicative/ tentative tariff per unit at Rs. 4.83 plus water charges, insurance charges and taxes as actuals for the first year. The tariff of Nuclear power is notified by Department of Atomic Energy (DAE), Gol.
- 10) In view of above, 101.11 MW Power assigned from RAPS Unit-7&8 to the State of Delhi is allocated to Delhi Distribution Licensees, as follows:

Table-2 : Allocation of Power from RAPS Unit- 7 & 8 amongst the Distribution Licensees

Sr. No.	DISCOM	Allocation from RAPS Unit -7&8 (MW)
1	TPDDL (32.07%)	32.43
2	BRPL (44.22%)	44.71
3	BYPL (22.95%)	23.20
4	MES (0.76%)	0.77
5	Total allocation to State of Delhi	101.11

- 11) Proviso to Regulation 121(4) of the *DERC (Terms and Conditions for Determination of Tariff) Regulations, 2017* enables the Commission in reassigning the allocation of Power amongst the Distribution Licensees out of the overall power portfolio allocated to the National Capital Territory of Delhi by Ministry of Power, Government of India, and the Commission may take action/ decision as such if the need arises in the interest of the Power sector and the end consumers.
- 12) Delhi SLDC and Distribution Licensees namely BRPL, BYPL, TPDDL and MES are directed to adhere to the above allocation and make suitable arrangements accordingly. Further, the said Distribution Licensees are directed to take necessary action for execution of PPA with NPCIL.
- 13) Ordered accordingly.

Sd/-
(Surender Babbar)
Member

Sd/-
(Ram Naresh Singh)
Member

Sd/-
(Justice (Retd.) Jayant Nath)
Chairperson