

RAJASTHAN ELECTRICITY REGULATORY COMMISSION, JAIPUR

Petition No. RERC/2365/2025

Petition filed under sections 43, 46, 50, 86(1), and 181 of the Electricity Act, 2003, read with Regulations 1.2, 6.1, and 13.4 of the Rajasthan Electricity Regulatory Commission (Electricity Supply Code and Connected Matters) Regulations, 2021, for approval of dual source supply to HT/EHT consumers, including PHED and other essential service categories.

Coram:

Dr. Rajesh Sharma, Chairman

Hemant Kumar Jain, Member

Petitioner : JVVNL, AVVNL, JdVVNL

Date of Hearing : 19.11.2025, 05.01.2026

Present : Ms. Parinitoo Jain, Advocate for the Respondent

Order date : **21.01.2026**

ORDER

1. Jaipur Vidyut Vitran Nigam Ltd., Ajmer Vidyut Vitran Nigam Ltd. and Jodhpur Vidyut Vitran Nigam Ltd. (hereinafter referred as Petitioners or Discoms) have commonly filed this petition on dated 16.10.2025 under section 43, 46, 50, 86 (1) and 181 of the electricity act, 2003 read with Regulations 1.2, 6.1 and 13.4 of Rajasthan Electricity Regulatory Commission (Electricity Supply Code and Connected Matters) Regulations, 2021(hereinafter referred as RERC Supply Code Regulations, 2021) for approval of dual source supply to HT/EHT consumers, including PHED and other essential service categories.
2. Petitioners are the Distribution Licensees in the State of Rajasthan and are undertaking the functions of distribution and retail supply of electricity to the public at large in their respective area of distribution.
3. The matter was initially listed for hearing on 19.11.2025 and the Commission directed to submit their proposal separately in two parts:
 - I. Indicating the specific amendments required in provisions of Supply code indicating the relevant Regulations.
 - II. Indicating provisions of tariff where they require changes of directions of the Commission.

4. Further, Discoms vide their reply on dated 24.11.2025 and 01.12.2025 submitted to consider this petition for approval for dual source supply under Section 62, 64, 86(1) and 181 of the Electricity Act, 2003 for proposed amendment in the approved tariff for Supply of Electricity, 2025 and for proposed amendment in RERC (Electricity Supply Code and Connected Matters) Regulations, 2021.
5. Considering the submissions of the Discoms, in this petition only the matter of amendment in tariff is being considered and for the matter of amendment in Supply Code Regulations, 2021, the Commission has been considered separately.
6. The public notice, duly approved by the Commission, under section 64(2) of the Electricity Act, 2003 vide RERC letter dated 03.12.2025 was sent to Jaipur Discom for publishing in newspaper for inviting Comments/suggestions for the amendment in Tariff.
7. Public notice for inviting Comments/Suggestions on petition for amendment in Tariff was published in following News-papers for inviting Comments/ Suggestions from the stakeholders. Last date for submitting comments/suggestions was 24.12.2025.

S.No.	Name of Newspaper	Date
1	Dainik Bhaskar	09.12.2025
2	RastraDoot	09.12.2025
3	Times of India	10.12.2025

8. One comment/suggestion from Sh. Dharam Deo Agarwal has been received.
9. The Matter was finally heard on 05.01.2026.
10. The Petitioner filed their reply on dated 09.01.2026

Petitioner's submission:

Petitioner in their petition, written submissions and during the course of hearing(s) submitted as under:

11. The Petitioner submitted that this petition is for formal approval for allowing dual source electricity supply to PHED (Public Health Engineering Department) and other HT/EHT category consumers, including data centres and essential service providers. The objective of the proposal is to enhance supply reliability, operational efficiency, and resilience of critical infrastructure by enabling consumers to draw

power from two independent sources, either simultaneously or alternatively, within their contracted demand.

12. The Petitioner submitted that section 43 of the Electricity Act, 2003 mandates supply of electricity on request within the area of supply. Also Clause 2 of the General Conditions of Application specified in the Tariff for Supply of Electricity 2024 provides that, unless otherwise agreed to or specified, these tariffs are applicable to only one point of supply and at a single voltage.
13. The Petitioner further submitted that Note (ii) of Schedule DS/HT-I and Schedule ML/HT-4 of Tariff for Supply of Electricity-2024 allows multiple supply points within a single premises for domestic and mixed load categories.
14. The Petitioner also submitted that Rajasthan Discoms are receiving increasing requests from consumers such as PHED, data centres, and other essential service providers for release of connections enabling dual source supply, either concurrently or alternatively, to enhance reliability and operational continuity. The Tariff for Supply of Electricity-2024 permits multiple supply points within single premises for domestic and mixed load categories. However, the TCOS—2021 does not explicitly provide for dual source supply for HT/EHT consumers.
15. The Petitioner submitted that NTT Data Centre, Mumbai and STT Global Data Centre, Noida confirmed successful implementation of dual source supply with summation metering, synchronization, and robust protection systems. These models demonstrate technical feasibility and operational benefits, including uninterrupted supply and enhanced redundancy.
16. The Rajasthan Discoms propose to allow dual source of supply for HT/EHT consumers, subject to the following conditions:
 - The dual source of supply with simultaneous use may be allowed.
 - At the time of release of connection, double plant cost at the prevailing rate shall be charged from such applicants requiring dual source of HT/EHT supply, in line with clause 2.2(b) of the Schedule of Charges (Schedule- I) of TCOS 2021.
 - Twice the fixed charges shall be charged from such applicants.
 - The consumer shall provide a high degree of protection with their installation, ensuring no technical issue in using multiple supplies simultaneously.

- The consumer shall submit a Single Line Diagram (SLD) along with protection and metering system details, which must be duly verified by the Discoms.
- The consumer shall undertake that their system will prevent any supply collision at both consumer and Discom ends.
- The metering system shall be of 0.2S Class with ABT arrangements.

17. The Petitioner submitted that the Tariff Order dated 26 July 2024 acknowledged the need for operational flexibility and consumer-centric reforms. The Transaction of Business Regulations, 2021 empowers the Commission to consider such petitions under Section 19(b) for procedural approval.

18. The Petitioners pray before the Commission for approval of dual source supply to HT/EHT consumers including data centre, PHED and other essential service categories.

19. With the above submissions, The Petitioner in its petition no. 2365/2025 prayed for:

- i. To admit and approve the Petition for the proposal for dual source supply to HT/EHT consumers including Data Center, PHED and essential services.
 - Approve the billing methodology, cost recovery mechanism, and technical safeguards as outlined.
 - Approve the arrangement of dual source supply for HT/EHT consumers including Data Center, PHED and other essential services, allowing usage of both sources simultaneously or alternatively.
 - Approve the billing procedure and charges as proposed.
 - Approve charging of plant cost and fixed charges as twice the prevailing rates for dual source supply connections.
 - Pass any other directions as deemed appropriate in the interest of reliable and efficient power supply.
 - Issue necessary directions to incorporate these provisions in the applicable Tariff and Supply Code.
- ii. To condone any error/omission and to give opportunity to rectify the same.
- iii. To permit the Petitioner to make further submission, additions and alterations to this Petition as maybe necessary from time to time.

- iv. To pass any such other order/s and/or direction/s, which the Commission may deem fit and proper in the facts and circumstances of the case.

20. Further, Discoms in its submission dated 24.11.2025, requested following amendments in Tariff for Supply of Electricity, 2025.

A. The following definition shall be added:-

"Dual source of supply: Electricity supply given from two sources with simultaneous / standby use of electricity from both sources."

B. In all HT and EHT tariff schedules of the Tariff, the following Note shall be added:-

"Note: Consumer availing dual source of supply either with simultaneous/standby use shall be charged double the fixed charges applicable to the relevant category of tariff."

Stakeholder's Comments/suggestions and Discom's Response:

The stakeholder's comments/ suggestions and Discom's response in their written submission and during the course of hearing(s) submitted as under:

21. Stakeholder submitted that Dual supply may be permitted as requested by Discoms, however all essential services like Hospitals, PHED and other such departments, charging double the fixed charges, though additional plant cost as per procedure may be charged from such consumers, who wants to avail this facility.

22. Discoms, in their reply, submitted that for providing dual source/standby supply to HT/EHT consumers, the Discom is required to reserve capacity from two independent sources exclusively for such consumer. This leads to blocking of capacity on both sources and results in the Discom bearing double capacity cost. Accordingly, levy of double fixed charges is necessary to recover the actual cost incurred for ensuring higher reliability of supply. Further, Discom also submitted that any relaxation in fixed charges would cause financial loss to the Discom and result in unjustified burden on other consumers, which is not in line with prudent cost recovery principles.

Commission's views:

23. The Commission has considered the written submissions filed by the Petitioners, the stakeholder comment received in response to the public notice issued under Section 64(2) of the Electricity Act, 2003, the reply of the Respondent thereto, and the oral submissions made during the hearing.

24. The Commission notes that the Petitioners have sought approval for amendment in the Tariff for Supply of Electricity to allow dual source supply to HT/EHT consumers, including PHED, data centres and other essential service categories. The Petitioners have submitted that the existing tariff framework generally provides for a single point of supply at a single voltage level and does not explicitly address the requirement of dual source supply for HT/EHT consumers, despite increasing demand from critical and reliability-sensitive consumers.
25. The Commission further notes the submission of the Petitioners that the objective of the proposed amendment is to enhance reliability, redundancy and operational continuity of electricity supply for essential and high-load consumers. The Petitioners have submitted that such arrangements are technically feasible and are being implemented by utilities outside the State with appropriate synchronization, protection and metering arrangements.
26. The Commission also takes note that, pursuant to the directions issued during earlier hearing(s), the scope of the present petition has been confined to amendment in the Tariff for Supply of Electricity.
27. The Commission observes that only one stakeholder comment has been received. The stakeholder has broadly supported the proposal for permitting dual source supply; however, it has suggested that essential services such as PHED and hospitals may not be subjected to charging of double fixed charges, though additional plant cost may be recovered from them.
28. Discom in their reply submitted that provision of dual source/standby supply to HT/EHT consumers requires reservation of capacity from two independent sources, resulting in blocking of system capacity and incurrence of double capacity cost by the Discoms. Levy of double fixed charges is therefore justified on cost-recovery and cost-causation principles. Any relaxation would lead to financial loss to the Discoms and unjustified burden on other consumers.
29. In view of above, the Commission observes that permitting dual source supply is a consumer-oriented measure aimed at ensuring higher reliability of supply for critical consumers. However, the Commission agrees with the view of Discoms that fixed charges are designed to recover capacity-related costs incurred by the distribution licensees. Where system capacity is required to be reserved from two independent sources for a single consumer, recovery of corresponding fixed costs from such consumer is justified.

30. The Commission further observes that allowing selective exemption from recovery of fixed charges, without commensurate reduction in cost obligations of the Discoms, would lead to cross-subsidisation and may adversely impact tariff rationality and uniformity. The Commission therefore finds merit in the submission of the Discoms that consumers availing dual source supply should bear the associated fixed costs.
31. Accordingly, after due consideration of the Petitioners' submissions, stakeholder comment and the reply of the Discoms, the Commission orders as under:
 - (i) The following definition shall be added in 'Tariff for Supply of Electricity, 2025:-

"Dual source of supply: Electricity supply given from two sources with simultaneous / standby use of electricity from both sources."
 - (ii) In all HT and EHT tariff schedules of the Tariff, the following Note shall be added:-

"Note: Consumer availing dual source of supply either with simultaneous/standby use shall be charged double the fixed charges applicable to the relevant category of tariff."
32. The Commission also directs that such arrangements shall be subject to compliance with the prescribed technical safeguards, protection systems and metering requirements, to be ensured by Discoms and shall be harmonised with the amendments to the Supply Code Regulations being finalised separately.
33. Accordingly, the petition is disposed of in the above terms.

(Hemant Kumar Jain)
Member

(Dr. Rajesh Sharma)
Chairman