



**Delhi Electricity Regulatory Commission**  
**Viniyamak Bhawan, 'C' Block, Shivalik, Malviya Nagar, New Delhi – 110017.**

F.11(2413)/DERC/2025-26/8671

**IA No. 09/2026**

**In the matter of: Application in compliance with Order dated 24.03.2026 to place on record additional documents/facts and seek appropriate directions.**

**Along with**

**Petition No. 78/2025**

**In the matter of: Petition under Section 86(1)(b) & (e) of the Electricity Act, 2003 seeking approval to procure and sign Power Sale Agreement in respect of 600 MW assured peak power from SJVN Ltd. 6000 MWh (1500 MW x 4 hrs) Renewable Energy Project with Energy Storage System.**

**BSES Rajdhani Power Ltd.**

**... Petitioner No. 1**

**Coram:**

**Sh. Surender Babbar, Member and Sh. Ram Naresh Singh, Member**

**Appearance:**

1. Mr. Buddy A. Ranganadhan, Ld. Sr. Advocate for the Petitioner
2. Mr. Rahul Kinra, Ld. Advocate for the Petitioner
3. Mr. Aditya Chhabra, Ld. Advocate for the Petitioner
4. Mr. Mukul Arya, Ld. Advocate for the Petitioner

**ORDER**

(Date of Order: 07.04.2026)

1. The instant Petition has been filed by BSES Rajdhani Power Ltd. (BRPL)/Petitioner under Section 86(1) (b) & (e) of the Electricity Act, 2003 seeking approval to procure and sign Power Sale Agreement in respect of 600 MW assured peak power from SJVN Ltd. (SJVNL) 6000 MWh (1500 MW x 4 hrs) Renewable Energy (RE) Project (SJVNL Project) with Energy Storage System (ESS).

**Petitioner's Submissions**

2. The Petitioner has submitted the following:
  - i. That the aforesaid power procurement is in furtherance of: -
    - (a) Guidelines for Resource Adequacy Planning Framework of India ("Resource Adequacy Guidelines") issued by the Ministry of Power, Government of India ("MoP") on 28.06.2023 in consultation with the

Central Electricity Authority ("CEA") under Rule 16 of the Electricity Rules, 2005 (amended on 29.12.2022).

(b) Communications dated 21.03.2024 and 18.06.2024 issued by the Commission directing all Delhi DISCOMs to comply with the Resource Adequacy Guidelines.

(c) Petitioner's Obligation to comply with: -

- Renewable Purchase Obligation (RPO) as per the DERC (Renewable Purchase Obligation and Renewable Energy Certificate Framework Implementation) Regulations, 2025 (RPO Regulations 2025) notified on 10.10.2025 to stipulate RPO targets; and
- Renewable Consumption Obligation (RCO) as per Notification dated 27.09.2025 issued by the MoP to stipulate RCO targets.

ii. On 09.06.2025, the CEA by its email to the Petitioner shared the preliminary Resource Adequacy results for the Petitioner.

iii. On 27.06.2025, Petitioner filed Petition No. 40 of 2025 before the Commission seeking approval to initiate long term tender of Standalone BESS Project.

iv. On 27.09.2025, MoP by its Notification inter alia stipulated the RPO targets for obligated entities.

v. On 10.10.2025, the Commission notified the RPO Regulations, 2025 to stipulate RPO targets.

vi. On 16.10.2025, Petitioner received a communication in respect of SJVNL's Project seeking Petitioner's consent for procurement of FDRE power (assured peak power) at the tariff of Rs. 6.74 per kWh plus applicable trading margin of Rs. 0.07 per kWh discovered through competitive bidding process.

vii. On 04.11.2025, the Commission reserved its Order in Petition No. 40 of 2025. The Commission had also observed that certain queries still require clarification from the Petitioner for which the officers of the Petitioner will engage with the officers of the Commission.

viii. On 21.11.2025, Petitioner by its communication to SJVNL inter alia stated that the Petitioner is, in-principle, interested in off-taking about 600 MW capacity available at the tariff discovered through competitive bidding process, however, Petitioner would prefer off-taking power from a single RE generator. To evaluate feasibility and undertake a comprehensive assessment of the offer, Petitioner had sought following information from SJVNL: -

- (a) Project location and tentative Schedule Commencement of Supply Date.
  - (b) Minimum guaranteed availability during peak hour.
  - (c) Developer-wise guaranteed annual energy supply along with applicable penalty structure of any shortfall.
  - (d) Inter-State Transmission System (ISTS) Connectivity status and milestones.
  - (e) Estimated Tariff reduction considering the recent Goods and Service Tax (GST) rate revision
  - (f) Applicability of transmission charges waiver
  - (g) BESS Operation details: -
    - Operational flexibility available for BESS charging/discharging (Discharging part capacity for longer duration);
    - Whether BESS needs to be compulsorily discharged daily or the DISCOM has option for discharge based on requirement; and
    - Number of full cycles operations permissible per day and allowance for partial cycling.
- ix. On 25.11.2025, SJVNL by its communication had provided the aforesaid information sought by the Petitioner. As per SJVNL, the estimated tariff reduction due to change in rate of GST will be around Rs. 0.10 per kWh.
- x. After comprehensively evaluating the above information, on 27.11.2025, Petitioner by its communication provided consent for purchase of 600 MW assured peak power from SJVNL's Project at discovered tariff of Rs. 6.74 per kWh plus applicable trading margin, subject to approval of the Commission. Petitioner also requested SJVNL to: -
- a. Allocate PPA capacity from single RE developer.
  - b. Confirm the allocation of requested quantum from SJVNL's Project, so as to facilitate signing of PSA at the earliest. However, the terms and conditions of PSA between the Petitioner and SJVNL shall be subject to approval of the Commission.
- xi. On 04.12.2025, SJVNL by its communication has: -
- a. confirmed its acceptance of Petitioner's request for allocation of 600 MW assured peak power at a tariff of Rs. 6.74 per kWh plus the applicable trading margin at Rs 0.07 per kWh.
  - b. shared copy of draft of PSA documents for acceptance by the Petitioner.
  - c. requested to sign PSA at an early date.

- d. indicated that they have received requests from other willing DISCOMs and in case of any delay in securing in-principle approval and subsequent signing of PSA, the allocated capacity would be offered to such other DISCOMs.
- xii. On 12.12.2025, Petitioner by its communications to the Commission has sought in-principle approval for signing of PSA with SJVNL for 600 MW capacity from SJVNL's Project.
- xiii. On 18.12.2025, Petitioner had filed an application in Petition No. 40 of 2025 seeking leave of the Commission to withdraw the said Petition, with liberty to revive the said Petition in case there is any change in circumstances
- xiv. On 19.12.2025, SJVNL by its communication to the Petitioner inter alia requested the Petitioner to apprise the status of procurement approval from the Commission and expected date of signing of the PSA. It was also communicated that SJVNL has adhered to FDRE bidding guidelines issued by MoP and there are no deviations from the standard bidding documents in compliance with the prescribed bidding guidelines.
- xv. The Petitioner receives pooled power from approximately 57 sources. Long-term contracts executed by the Petitioner are for a term of up to 25 years. In compliance with Resource Adequacy Guidelines and as recommended by CEA in its Resource Adequacy results, Petitioner proposes to tie up additional power requirement on long-term basis. Remaining power is expected to be met from short-term transactions such as power banking, bilateral transactions and Power Exchange, which is subject to prudence check of the Commission under Section 61, 62, 64 and 86 of the Electricity Act. Details of allocation to the Petitioner as per Delhi State Load Despatch Centre.
- xvi. Petitioner in its licensed area of supply, is anticipating growth in peak load demand at approximately 5.5% Compound Annual Growth Rate ("CAGR") up to FY 2036. Considering the same, the Petitioner in its licensed area of supply, is anticipating peak demand of approximately 4912 MW by FY 2030.
- xvii. Additionally, there will be rapid demand growth due to E-mobility Charging Stations and technological advancements with respect to the anticipated growth in demand in the next 20 years. A tabulated representation of the anticipated growth in demand in the Petitioner's licensed area vis-à-vis the anticipated deficit is tabulated below: -

Peak Demand (MW)	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	CAGR
BRPL	3,758	3,798	4,183	4,413	4,656	4,912	5,182	5,467	5,768	6,085	5.50%
Energy (MUs)	15,749	16,901	17,487	18,094	18,722	19,372	20,044	20,739	21,459	22,204	3.81%

xviii. As stated hereinabove as also by communication dated 12.12.2025, power procurement through SJVNL is a better option owing to following advantages: -

a. Capacity (4 Hours) and utilization during non-solar hours matches with Petitioner's cost of peak power requirement.

b. Tariff competitiveness vis-à-vis Standalone BESS Project. There would be an approximate saving of Rs. 1.31 per kWh as under: -

Description	Estimated Landed Tariff (Rs/kWh)		Remarks
Expected Tariff to be discovered/Tariff discovered in tender	4.89	6.74	<p>BESS:</p> <ul style="list-style-type: none"> <li>Tariff discovered in previous similar tender of SECI with VGF is Rs. 4.41 Lakh/MW/Month (second cycle optional). VGF of ₹ 27 Lakh/MWh i.e., ~ 30% of capex.</li> </ul> <p>SJVNL Assured Peak power:</p> <ul style="list-style-type: none"> <li>Tariff discovered in previous similar tender of SECI is Rs. 8.50/kWh</li> <li>Further, the tariff of energy available at IEX in peak hours (FY24-25) is Rs 7.6/kWh (including 0.03 /kWh of IEX Margin and overheads)</li> </ul>
Trading margin	-	0.07	
Cost of arranging charging power	2.50	-	<p>BESS:</p> <ul style="list-style-type: none"> <li>In case of BESS Tender Charging power shall primarily be arranged by BSES. However, during the period from April to September each financial year, BESS developer to arrange the required charging power (RE) during solar hours for one cycle.</li> <li>In such cases, BSES shall reimburse the BESS Developer at a flat rate of Rs. 2.50/kWh<sup>1</sup> inclusive of all taxes and duties for the quantum of charging energy arranged, subject to submission of relevant supporting documents or REA statements, as applicable) by the Developer.</li> </ul> <p>SJVNL:</p> <ul style="list-style-type: none"> <li>In case of SJVNL tender charging power is responsibility of RPD and it is included in the tariff</li> </ul>
CTU Charges	0.39	-	<p>BESS:</p> <ul style="list-style-type: none"> <li>25% of Rs. 0.52/kWh; 25% of transmission charges waiver for BESS commissioned between Jul 2027 to Jun 2028</li> </ul> <p>SJVNL:</p> <ul style="list-style-type: none"> <li>100% transmission waiver for collocated BESS commissioned on or before 30 Jun 2028.</li> </ul>
STU Charges	0.30	0.30	Applicable in both cases
Transmission/conversion losses	0.66	0.32	CTU losses (3.5%) STU loss (0.78%) applicable in both cases Round trip losses (15%) applicable only in case of BESS.
Total Tariff	8.74	7.43	

- c. RPO/RCO/Energy Storage Obligation compliance.
  - d. 100% transmission waiver for co-located BESS commissioned on or before 30.06.2028.
  - e. Reducing the entire process starting from floating the tender till discovery of competitive tariff (~6 months to 1 year)
- xix. The Petitioner has submitted a Comparison to other similar tender tariff discovered by the Nodal agencies is given below:

Description	4 Hrs BESS Tender (SECI)	SJVNL Assured Peak Tender (Oct 25)	SECI Assured Peak Tender (Jan 25)
Tariff discovered in tender	4.89	6.74	8.50
Trading Margin	-	0.07	0.07
Charging cost (Solar)	2.50	-	-
CTU Charges	0.39	-	-
STU Charges	0.30	0.30	0.30
Transmission and conversion losses	0.66	0.32	0.39
<b>Total Cost</b>	<b>8.74</b>	<b>7.43</b>	<b>9.26</b>

- xx. Further, the petitioner has submitted in additional data via email dated 20.03.2026 that SECI has concluded e-Reverse Auction of 1200 MW / 4800 MWh Assured Peak Power on 5 Feb 2026 and the weighted average tariff discovered during e-RA is 6.28/kWh and also submitted the detailed comparison of key terms in both SJVN and SECI tenders along with effective tariff for DISCOMs is as follows:

#	Dimension	SJVN FDRE-4	SECI FDRE-VII
i.	<b>Assured Supply Level</b>	90% peak hour availability monthly, penalties below this level with no tolerance band	Effectively 70% monthly availability (30% shortfall tolerated before penalty)   85% annually
ii.	<b>GST applicability</b>	A tariff reduction of ~ ₹ 0.10/kWh to ₹ 0.15/kWh under Change in Law, post commissioning of the project	New tax rates are in-built in quoted tariff
iii.	<b>Effective tariff to discom (₹/kWh)</b>  [refer point 2 below, for detailed workings]	<b>Tariff discovered: 6.74</b> GST impact: -0.10 <b>Effective tariff: 6.64</b>	<b>Tariff discovered: 6.28</b> Impact of 20%: 0.54 <sup>1</sup> <b>Effective tariff: 6.82</b>
iv.	<b>Open Market Risk</b>	No gap. 90% fully assured from SJVN	20% gap must be procured from open market at uncertain rates

<sup>1</sup> FY 25 wtd average peak delivered tariff in IEX ₹ 8.73/kWh

S No	Description	SJVN Tender	SECI Tender
1	Contracted capacity (MW)	750	750
2.1	Tariff discovered in tender (₹/kWh)	6.74	6.28
2.2	Estimated GST impact under change in Law (₹/kWh)	-0.10	-
2.3	<b>Net tariff considering GST impact (₹/kWh)</b>	<b>6.64</b>	<b>6.28</b>
3.1	Annual Energy delivered (MUs)	985.5 (750*4*90%*365/1000)	766.5 (750*4*70%*365/1000)
3.2	Market exposure (MUs)		219 (985.5-766.5)
4	Weighted average tariff of power during peak period in exchange (₹/kWh)		8.73 (8.18 <sup>2</sup> + IEX margin of 0.03 + CTU charges of 0.52)
5	Total cost of power (₹ Crs)	654 (985.5*6.64/10)	673 (766.5*6.28+219*8.73)/10
6	<b>Effective tariff (₹/kWh)</b>	<b>6.64</b>	<b>6.82</b>

### Commission's Analysis

3. The Petitioner (BRPL), under Section 86(1)(b) and (e) of the Electricity Act, 2003 has filed the instant Petition seeking (a) procurement of 600 MW assured peak power from SJVN Ltd. (SJVNL) 6000 MWh (1500 MW x 4 hrs) Renewable Energy (RE) Project (SJVNL Project) with Energy Storage System (ESS), and (b) approval of the Power Sale Agreement (PSA) proposed to be executed between the Petitioner and SJVN Ltd. (SJVNL)
4. As per the Resource Adequacy studies, the total projected contracted capacity for the year 2035-36 is estimated at approximately 11,034 MW. This comprises 1171MW from Coal, 648 MW from Gas, 102MW from Nuclear, 28MW from Biomass, 501MW from Hydro, 350MW from Wind, 1580 MW from Solar, 72MW from Hybrid, 1850 MW Solar+BESS (i.e., with 925 MW co-located BESS), 856MW from Distribution Renewable Energy (DRE) Sources, 264 MW of PSP, 960 MW/3803 MWh from Energy Storage System (ESS) and 2650MW of MTOA/STOA arrangement will be required. This aforesaid capacity is considered adequate to meet the projected demand in accordance with the prescribed reliability criteria. The Planning Reserve Margin (PRM) for BRPL has been assessed as 12%. Further, the projected capacity and generation mix outlined in the report, are in compliance with the RPO requirements for the period from FY 2028-29 to FY 2035-36.
5. The Petition was listed before the Commission on 02.01.2026. After hearing the submissions made on behalf of the Petitioner, the Commission admitted the Petition and reserved the Order directing the Petitioner to furnish such clarifications as may be required by the Officers of the Commission.

6. Subsequently, on 19.01.2026, the Representatives of the Petitioner held detailed discussion with the officials of the Commission. Pursuant thereto, the Petitioner, vide communication dated 19.01.2026, submitted its Resources Adequacy Report issued by Central Electricity Authority (CEA).
7. Further, the following communications were exchanged between the Petitioner and SJVNL: -
  - a. Vide Communication dated 17.02.2026, SJVNL requested the Applicant to proceed with the execution of the PSA, failing which the capacity would be allocated to other willing buying entities.
  - b. Thereafter, Vide Communication dated 05.03.2026, the Applicant informed SJVNL that, pursuant to the Order dated 02.01.2026, several discussions had been held with the officials of the Commission, and that the Applicant remained committed to progressing with the matter and executing the PSA.
  - c. Subsequently, Vide Communication dated 20.03.2026, SJVNL informed the Applicant that only 350MW of assured peak power capacity of the Project is left available, and that the remaining 1,150MW had already been allocated to other buying entities.
8. During the meeting held on 16.03.2026, the Petitioner submitted that, pursuant to the reduction in GST by the Government of India, a tariff reduction in the range of 10 to 15 Paisa/kWh is expected.
9. Considering the above, the Petitioner vide its communication dated 23.03.2026, requested the Commission to allow procurement of the remaining 350MW capacity available with SJVNL and to permit execution of the PSA.
10. The matter was mentioned during the course of hearing on 24.03.2026, wherein the Learned Senior Counsel appearing on behalf of the Petitioner submitted that, under the earlier arrangement, the assured peak power from SJVN Ltd. was 600 MW, which now stands revised to 350 MW. The Commission, after considering the submissions, directed the Petitioner to file an IA placing on record the revised position, including details of the reduction in allocated capacity.
11. Pursuant to the aforesaid directions, the Petitioner filed IA No. 09 of 2026 dated 27.03.2026.
12. The aforesaid I.A. No. 09 of 2026 came up for hearing before the Commission on 02.04.2026. During the course of hearing, the Learned Senior Counsel appearing on behalf of the Petitioner submitted that, under the earlier arrangement, the

assured peak power from SJVN Ltd. was 600 MW, however, the same has now been revised to 350 MW. In view thereof, it was prayed that the Commission may be pleased to allow procurement of 350 MW of assured peak power from the project.

13. The Commission has considered the submissions of the petitioner and the material placed on record. In view of the reduction in available capacity by SJVNL and the Petitioner's continued requirement, the Commission finds it appropriate to allow procurement of 350 MW of Assured Peak Power from project.
14. Accordingly, the Commission hereby accords approval to the Petitioner for procurement of 350 MW of Assured Peak Power from SJVNL's project at the discovered tariff of ₹6.74 per kWh, along with the applicable trading margin (up to ₹0.07 per kWh). Any reduction in the GST shall be given effect to by the Petitioner while releasing payment to SECI based on the demand note raised by SECI against the supply of power. The Petitioner is also permitted to execute the Power Sale Agreement (PSA) with SJVNL for the aforesaid capacity. It is clarified that the discovered tariff shall be subject to reduction on account of any decrease in GST, as per actuals.
15. The Petitioner is further directed to file the executed Power Sale Agreement before the Commission in the present matter, along with the applicable fees as per DERC (Conduct of Business) Regulations, 2001.
16. The Petition and Interim Application are disposed of in the above terms.
17. Ordered accordingly.

Sd/-  
**(Surender Babbar)**  
Member

Sd/-  
**(Ram Naresh Singh)**  
Member