

TAMIL NADU ELECTRICITY REGULATORY COMMISSION

Order of the Commission dated this the 26th Day of February 2026

PRESENT:

Thiru. R.Manivannan	 Chairman
Thiru K.Venkatesan	 Member
	and	
Thiru B.Mohan	 Member (Legal)

M.P. No. 7 of 2026

1. Tamilnadu Green Energy Corporation Ltd., (TNGECL)
Represented by the Chief Engineer / Non-Conventional Energy Sources,
NPKRR Maaligai,
10th Floor, Eastern Wing,
144, Anna Salai,
Chennai – 600 002.
2. Tamilnadu Power Distribution Corporation Ltd,
Represented by its Chief Engineer / PPP,
144, Anna Salai,
Chennai – 600 032

..... Respondents
(Adv.Richardson Wilson)

This Miscellaneous Petition stands preferred by the petitioner Tamil Nadu Green Energy Corporation Ltd., and Tamil Nadu Power Distribution Corporation Ltd. with prayer:-

- (i) To approve and ratify Corrigendum No. 1 dated 20.11.2025, Corrigendum No. 2 dated 05.12.2025, Corrigendum No. 3 dated 17.12.2025, Corrigendum No. 4 dated 19.12.2025, Corrigendum No. 5 dated 20.12.2025, Corrigendum No. 6 dated 22.12.2025, Corrigendum No. 7 dated 26.12.2025, Corrigendum

No. 8 dated 30.12.2025 and Corrigendum No. 9 dated 02.01.2026 issued to the tender floated on 17.11.2025 for procurement of power through 375MW/1500 MWhr BESS in 11 nos Sub Stations of TANTRANSCO for “On Demand “ usage under “Tariff Based Competitive Bidding “ under “BOO” mode under VGF funding scheme through PSDF of Ministry of Power as Spec No.CE/NCES/OT No.08/25-26 approved by this Hon’ble Commission vide order dated 16.10.2025 in M.P. No. 56 of 2025 and order dated 11.11.2025 passed in R.P. No. 9 of 2025.

- (ii) To accord approval for adoption of tariff for the following successful bidders for the capacity charges discovered through competitive bidding and for the capacity and location allocation as discussed in para 30 :
- a) To allocate to M/s. Eagle Infra India Ltd., Maharashtra (L1) for Setting up of 5 Nos. of Standalone Battery Energy Storage Systems of cumulative capacity of 175 MW/700 MWh at the rate of Rs 3,15,000/- per MW/ Month
 - b) To allocate to M/s. OPG Power Generation Private Limited, Thiruvallur (L2) for Setting up of 5 Nos. of Standalone Battery Energy Storage Systems of cumulative capacity of 175 MW/700 MWh at the rate of Rs 3,16,000/- per MW/ Month
 - c) To allocate to M/s. Onward Solar Power Private Limited, Delhi (L3) who matched the L1 price for Setting up of 1 No. of Standalone Battery Energy Storage System of capacity of 25 MW/100MWh at the rate of Rs 3,15,000/- per MW/ Month.
 - d) To accord approval for issuing LoA to the above 3 nos successful bidders by TNGECL and signing of the Battery Energy Storage Purchase Agreement (BESPA) by TNPDCCL with the successful bidders at the discovered Tariff.

This Miscellaneous Petition came up for final hearing on 19.02.2025 in the presence of Thiru.Richardson Wilson for the petitioner and on consideration of the submission made by the Counsel for the Petitioner and on perusal of material records the Commission passes the following order :-

ORDER

1. Submission of the petitioner : -

1.1. The 1st Petitioner is Tamil Nadu Green Energy Corporation Limited (TNGECL) and the 2nd Petitioner is the Tamil Nadu Power Distribution Corporation Limited (TNPDCCL).

1.2. The 1st Petitioner Tamil Nadu Green Energy Corporation Limited (hereinafter called "TNGECL") has been formed under the Companies Act, 2013, pursuant to G.O.(Ms) No.7 dated 24.01.2024 of the Energy Department, Govt. of Tamil Nadu. The key functions of TNGECL include the promotion of renewable energy, grid integration, and the implementation of energy storage solutions to ensure a stable and reliable power supply for the State.

1.3. The 2nd Petitioner is Tamil Nadu Power Distribution Corporation Limited (hereinafter called "TNPDCCL") has been formed pursuant to G.O.(Ms.). No.6 Energy(B2)

Department dated 24.01.2024 of the Energy Department, Govt. of Tamil Nadu.

1.4. Tamil Nadu Power Distribution Corporation Limited (TNPDC) and Tamil Nadu Green Energy Corporation Limited (TNGECL) are jointly filing this miscellaneous petition as both entities are bifurcated from TANGEDCO as per G.O (Ms). No. 6 Energy (B2) Department dated 24.01.2024 & G.O.(Ms) No.7 dated 24.01.2024 of the Energy Department, Govt. of Tamil Nadu.

1.5. The Ministry of Power, Government of India, vide Notification No. 23/16/2020-R&R Part (1) dated 10.03.2022, issued comprehensive Guidelines for Procurement and Utilization of Battery Energy Storage Systems as an integral component of Generation, Transmission, and Distribution assets, alongside Ancillary Services. Subsequently, the MoP, GoI, further notified Viability Gap Funding Scheme for development of Battery Energy Storage Systems (BESS) supported through Power System Development Fund (PSDF) on 09.06.2025.

1.6. The following are the main highlights of the VGF Scheme supported through PSDF :

- Allocation of 1500 MWh BESS capacity to Tamil Nadu.
- VGF support of ₹18 lakh per MWh, disbursed in tranches.
- BESS to be implemented under BOO / BOOT model for 12–15 years.
- Bidding through Tariff-Based Competitive Bidding.

- Contract to be signed within 9 months from the date of issue of the guidelines,
- BESS capacity allocation has been done to RE rich states ie., Rajasthan, Gujarat, Maharashtra, Tamil Nadu, Karnataka, Andhra Pradesh, Madhya Pradesh, Telangana, Uttar Pradesh, Haryana, Kerala, Punjab, Chhattisgarh, Odisha, Uttarakhand, NTPC.
- Tamil Nadu has been allocated 1500 MWh under this scheme

1.7. The Board of TNPDC, in its 130th meeting held on 06.08.2025, has accorded in-principle approval for establishment of 375 MW / 1500 MWh Standalone BESS in TANTRANSCO substation lands under the Component of the VGF-PSDF scheme and for initiation of tendering action by TNGECL on behalf of TNPDC.

1.8. BOARD of TNGECL in its 10th meeting held on 12.11.2025 has accorded approval for TNGECL to float tender on behalf of TNPDC for establishment of 1500 MWhr of BESS in various location of TANTRANSCO substation under VGF Scheme supported through PSDF for development of BESS.

1.9. The Commission has approved the proposal of TANTRANSCO through its order for MP.No 64 of 2025 dated 16.10.2025 for the execution of Land Lease for the substation land to levy a lease rent charge of Rs. 1 per project per year through Right-of Use basis by TANTRANSCO with the developer .

1.10. The Miscellaneous Petition, M.P. No. 56 of 2025, was jointly filed by us, before the Commission seeking approval to float tender for selection of developers for setting up of 375MW/1500 MWh Standalone BESS under Build-Own-Operate (BOO) model, with capacity charges determined on a per MW per month basis to be established by BESS developers in various Sub-stations of TANTRANSCO under the State Component of VGF scheme supported through PSDF of MoP along with the approval for the Specification and PPA.

1.11. The Commission in its order dated 16.10.2025, has directed TNGECL that,

“After careful examination of the proposals along with the MOP’s guidelines, the Commission hereby authorises the TNGECL to proceed the selection of the BESSD through TBCB with e-reverse auction for procurement of 1500 MWh (375 MW x 4 hours with 1.5 full-charges – discharge cycles per day) of BESS in the 7 Nos. Sub-stations of the TANTRANSCO under the State Component of the VGF scheme of MoP supported by PSDF with strict adherence of the MoP guidelines and the amendments issued from time to time in this regard. This order is subject to inclusion of the following conditions in the RfS/BESPA documents:

A. Inclusion of bidders experience as mentioned in para 2.4 (1) in the RfS;

B. The RTE shall be $\geq 85\%$ and above up to the metering point and shall include auxiliary consumption, and this condition shall be included both in the RfS and BESPA;

C. The BESSD shall avail separate service connection from the Distribution Licensee to meet his additional requirements of power for all the essential

non-storage components of the BESS facilities such as lighting, water and office loads, etc., and this condition shall be included both in the RfS and BESPA;

D. The additional clauses as mentioned in para 2.4 (5) shall be included under the clause “7.1. Meters” in the BESPA;

E. The conditions for real-time communication as mentioned in para 2.4 (6) shall be included both in the RfS and BESPA.

F. The petitioners shall approach the Commission for Tariff adoption Through separate petition after finalising the tender.

Petition ordered accordingly.”

1.12. The Review Petition as R.P. No. 9 of 2025 in M.P. No. 56 of 2025, was filed before the Commission against the said order as there were errors apparent on the face of the record in the said order. The Commission while admitting the review petition, in its order dated 11.11.2025, has directed TNGECL that,

“.....The 1 st Petitioner TNGECL is permitted for the selection of the developer through Tariff Based Competitive Bidding(TBCB) with e-reverse auction for procurement of 1500 MWh power through 375MW X 4 Hr with 1.5 full charge–discharge cycles per day Standalone BESS to be established by BESS developers in seven Substations of TANTRANSCO under the State Component of the VGF scheme of MoP supported by PSDF, on a capacity charge basis (Rupees per MW per month) under BOO model for a period of 15 years with the following modified conditions as prayed by the petitioners:

- a. *The Petitioners are at liberty to exercise their discretion in determining the requirement for prior experience of bidders, provided that strict adherence is ensured to the financial eligibility criteria specified in the Ministry of Power's Guidelines dated 10.03.2022 ("Guidelines for Procurement and Utilization of Battery Energy Storage Systems as part of Generation, Transmission and Distribution assets, along with Ancillary Services").*
 - b. *The BESS Developer (BESSD) shall guarantee AC to AC roundtrip efficiency (RTE) of $\geq 85\%$ for the system on monthly basis up to the metering point in line with the SECI tenders. The BESSD shall avail separate service connection from the Distribution Licensee to meet their additional requirement of power for auxiliary consumption and for essential non-storage components of the BESS facilities.*
2. *The petitioners are directed to adhere the other conditions stipulated in the order dated 16-10-2025 in M.P.No.56 of 2025 and MNRE/MOP guidelines issued in this regard except the deviations as approved by the Commission.*

The Review Petition is disposed of accordingly."

1.13. In accordance with the directions issued by the Commission (TNERC) through its order dt 11.11.25, the Petitioners are at liberty to exercise discretion regarding the requirement for prior experience of bidders. As such in order to get more competitive offers and BESS being new technology, no specific prior experience for bidders has been specified in the Request for Selection (RfS). Further, as directed by the Commission through its order dt 11.11.25, it was stipulated in the RfS, that the BESS Developer (BESSD) shall guarantee AC to AC roundtrip efficiency (RTE) of $\geq 85\%$ for the system on monthly basis up to the metering point in line with the SECI tenders. Further it was incorporated in the Rfs that, the BESSD shall avail separate service connection

from the Distribution Licensee to meet their additional requirement of power for auxiliary consumption and for essential non-storage components of the BESS facilities.

1.14. Based on the directions of the Commission in its order dated 11.11.2025 in R.P.No. 9 of 2025 in M.P. No. 56 of 2025, the RfS documents were revised accordingly. Subsequently NIT was issued on 13.11.2025 in the News papers all over India and the tender was floated on 17.11.2025 for procurement of power through 375MW/1500 MWhr BESS in 11 nos Sub Stations of TANTRANSCO for “On Demand “ usage under “Tariff Based Competitive Bidding “ under “BOO” mode under VGF funding scheme through PSDF of Ministry of Power as Spec No.CE/NCES/OT No.08/25-26 with due date of opening as 23.12.2025.

1.15. Pre-bid meeting was conducted with prospective bidders on 24.11.2025 and the consolidated reply for pre-bid query was uploaded on 05.12.2025. Subsequently, time extension of Bid submission end date was requested by some of the prospective bidders stating various reasons and the bid submission end date was extended upto 30.12.2025 and then to 02.01.2026 to get more response.

1.16. The Bidder is required to design the Battery Energy Storage System (BESS) under the BESPAs, ensuring that the BESS can charge and discharge with a C- rate of 0.25. Additionally, the BESS must be capable of being charged or discharged in groups

from 25 MW/100 MWh to 50 MW/200 MWh, upto the total rated capacity to be specified in the Agreement. Hence, the projects aggregating to 375 MW/1500 MWh will be established in the lands of following TANTRANSCO substations. It is proposed to implement this scheme under a “Build Own Operate” (BOO) model. Land will be provided on a Right-of-Use (ROU) basis to the BESSD for a period of about 18 years from the effective date of BESP. The maximum bid capacity that shall be allocated to a single bidder in the tender is of 175MWx 4 hrs (700 MWh) to a single bidder. The minimum bid size shall be 25 MW x 4 hours (100 MWh)

1.17. It was proposed to implement the above project in seven TANTRANSCO substations, and the same was reflected and insisted upon in the petition filed before the Commission seeking approval to float the tender. Subsequently, as some of the originally identified substations were found to have space constraints for the installation of the proposed BESS capacity, four additional substations were included upon getting the load flow feasibility .

1.18. The project envisages installation of **375 MW / 1500 MWh BESS (375 MW × 4 hours with 1.5 cycles per day)** at the following 11 nos TANTRANSCO substations under BOO mode:

SR. NOS.	NAME OF SUB-STATION	EVACUATION CAPACITY	VOLTAGE LEVEL IN KV	NAME OF OPERATION CIRCLE
1	400/230/110 kV Karamadai SS	25MW/ 100MWh	230 kV	Coimbatore
2	400/230-110 kV Anaikadavu SS	50MW/ 200 MWh	230 kV	Coimbatore
3	400/110 kV Thappagundu SS	50MW/200 MWh	110kV	Madurai
4	230/110 kV Thatchankurichi SS	50MW/200 MWh	110 kV	Trichy
5	230/110 kV Thiruvarur SS	50MW/ 200 MWh	110 kV	Trichy
6	230/110KV Palladam SS	25MW/100MWh	110 kV	Coimbatore
7	110/11kVN.Subbaiahpuram SS	25MW/ 100 MWh	110 kV	Tirunelveli
8	230/110 kV Alagarkoil SS	25 MW / 100 MWh	110KV	Madurai
9	230/110 kV Othakalmandapam SS	25 MW / 100 MWh	230KV	Coimbatore
10	400 kV Kamudhy SS	25 MW / 100 MWh	110KV	Madurai
11	230/110 kV Thuvakudy SS	25 MW / 100 MWh	110KV	Coimbatore

1.19. Necessary revised proposal will be submitted by TANTRANSCO shortly for the revised locations to Hon'ble TNERC for approval. Based on the queries raised by certain prospective bidders, with regard to consortium, the following clauses were deleted in RfS- Section 4 and amendment has been uploaded in TNTENDER portal as corrigendum.

Clause 36.10- For the limited purpose of meeting the technical and financial eligibility criteria, in addition to using credentials of the Affiliates having more than 50% shareholding in the Bidding Company, the Bidder may use credentials of those Affiliates who do not control more than 50% of the bidding company, subject to the following:

Clause 36.10 (a)- The qualification criteria parameters will be met proportionately to the equity contribution of the entity whose credentials are being used to meet the requirement. For example, in case Net Worth requirement being Rs.100 Crore and the strength of an Affiliate is used which owns 30% of the total shareholding in the bidder, the said Affiliate should be able to meet upto Rs.30 Crore of the Net Worth.

The above clause has been removed to keep the eligibility conditions clear and consistent with the definition of "Affiliate" in the tender. As per the definition, only entities with more than 50% shareholding qualify as Affiliates. The deleted clause allowed bidders to use the financial and technical credentials of entities with less than 50% shareholding, which created confusion to the prospective bidders and mismatch with the defined criteria. Therefore, it has been deleted to avoid ambiguity during bid evaluation. The above amendment has been approved and ratified by the BOARD of TNGECL (through Circulation) on 10.02.2026

1.20. Based on the request of prospective bidders, EMD exemption has been given for those bidders having the MSME units with Micro and Small category within Tamil Nadu who have registered under UDAYAM Portal for the tendered item and they shall upload attested Photocopy of UDAYAM Registration certificate as a proof of eligibility for exemption from payment of EMD in line with the (Per) CMD Proceeding No:12, dated 30.07.2022 that

"Micro and Small Enterprises located within the State of Tamil Nadu are exempted from payment of Earnest Money Deposit against the production of a copy of 'Udyam Registration Certificate' or any other valid registration certificate/proof as notified by the Government of India in respect of the

items manufactured by them for participation in the tenders floated by the Government Departments based on Government of Tami Nadu vide G.O.Ms.No.199, Finance (Salaries) Department, dated 27.6.2022”

The above modification in the EMD above has been approved and ratified by the BOARD of TNGECL (through Circulation) on 10.02.2026.

The above amendments were necessitated in the larger public interest and to ensure wider participation, enhanced competition, and alignment with prevailing Government of India / State policy directions, and therefore seeks the Hon’ble Commission’s approval and ratification of the same.

1.21. The Techno-Commercial bid for the Specification No TNGECL/ CE/ NCES/ O.T. No. 08 /25-26 was opened on 03.01.2026 and 21 nos bidders participated and the details are as follows:

i)	M/s NLC India Renewables Limited, Chennai.	-175MW/700MWhr
ii)	M/s AST Telecom Solar Pvt Ltd, Haryana	-50MW/200MWh
iii)	M/s. Auro Infra Private Limited, Hyderabad	-175MW/700MWh
iv)	M/s Oriana Power Limited, Noida, Uttar Pradesh	- 175MW/700 MWhr
v)	M/s Onward Solar Power Private Limited, Delhi	-50MW/200MW
vi)	M/s MB Power (Madhya Pradesh) Limited	-50MW/200MWh
vii)	M/s DB POWER BESS STORAGE LIMITED, MUMBAI	-100 MW/400 MWh
viii)	M/s Brics Renewable Energy Private Limited, Karnataka	-25 MW/100 MWh
ix)	M/s Dilip Buildcon Ltd,Bhopal	-175MW/700MWh
x)	M/s Forceone SD Private Ltd, Hyderabad	-125MW/500MWh
xi)	M/s Sun Drops Energia Private Limited	-175MW/700MWh
xii)	Power Grid Corporation of India Limited	-175MW/700MWh

xiii)	Swelect Energy Systems Limited	-50MW/200MWh
xiv)	OPG Power generation Private limited, Thiruvallur	-175MW/700MWh
xv)	ShreeTech Data Limited	-125MW/500MWh
xvi)	Sri Srinivasa constructions (I) Pvt Ltd, Bangalore	-175MW/700MWh
xvii)	Kishan Infrastructure Industries Private Limited	-25MW/100MWh
xviii)	Eagle Infra India ltd, Maharashtra	-175MW/700MWh
xix)	Inderdeep Infra India Ltd, Maharashtra	-175MW/700MWh
xx)	Ramalingam Construction Company Pvt Ltd, Tamil Nadu-	125MW/500MWh
xxi)	Loom Solar Private Limited, New Delhi	- 25MW/100MWh

1.22. On analysis of the techno-commercial bids of 21 bidders, Loom Solar Private Limited, New Delhi submitted an MSME certificate (Type: Medium) seeking EMD exemption. However, MSMEs under the *Medium* category are not eligible for EMD exemption. Further, the bidder has not submitted any bid or documentary proof towards financial criteria on the online tender portal. Hence the bid of M/s Loom Solar Pvt Ltd was liable for rejection.

1.23. M/s Kishan Infrastructure Industries Private Limited, Rajasthan who has quoted for 25MW/100MWh has participated as a Consortium, with Kishan Infrastructure Industries Private Limited as the Lead Member holding 99% equity commitment (Net Worth: ₹27.24 Cr as against the requirement of ₹39.6 Cr) and SM Express Logistics Private Limited as Consortium Member holding 1% equity commitment (Net Worth: ₹25.78 Cr). The submitted net worth is not in proportion to the respective equity commitments, which is not in compliance with the RfS, wherein the financial

requirement (Net Worth) of each Consortium Member shall be computed in proportion to their equity commitment in the Project Company.

Due to non-compliance with the financial eligibility criteria, Kishan Infrastructure Industries Private Limited, Rajasthan was liable for rejection.

1.24. As stipulated in Tamil Nadu Transparency in Tenders (PPP) rules, 2012, Tender Scrutiny and Evaluation Committee (TSEC) has been formed and approved by the Additional Chief Secretary to Government, Energy Department vide Letter Dated 12.05.2025 and 06.01.2026 for TNGECL with deputy Secretary / Law department of Govt and Special Secretary (Admin) Finance Department as members.

1	Managing Director/TNGECL
2	Director/Technical/TNGECL
3	Director/Finance/TNGECL
4	Chief Engineer/NCES
5	Financial Controller/TNGECL
6	Deputy Secretary to Government, Representative from Law Department.
7	Special Secretary to Government (Admin), Representative from Finance Department.

1.25. The following proposal was placed before TSEC through circulation:

To open the price bids of

- i. M/s NLC India Renewables Limited, Chennai.
 - ii. M/s AST Telecom Solar Pvt Ltd, Haryana
 - iii. M/s. Auro Infra Private Limited, Hyderabad
 - iv. M/s Oriana Power Limited, Noida, Uttar Pradesh.
 - v. M/s Onward Solar Power Private Limited, Delhi
 - vi. M/s MB Power (Madhya Pradesh) Limited
 - vii. M/s DB Power BESS Storage Limited, Mumbai
 - viii. M/s Brics Renewable Energy Private Limited, Karnataka
 - ix. M/s Dilip Buildcon Ltd, Bhopal
 - x. M/s Forceone SD Private Ltd, Hyderabad
 - xi. M/s Sun Drops Energia Private Limited
 - xii. M/s Power Grid Corporation of India Limited
 - xiii. M/s Swelect Energy Systems Limited, Tamil Nadu
 - xiv. M/s OPG Power generation Private limited, Thiruvallur
 - xv. M/s ShreeTech Data Limited
 - xvi. M/s Sri Srinivasa constructions Pvt Ltd, Bangalore
 - xvii. M/s Eagle Infra India ltd, Maharashtra
 - xviii. M/s Inderdeep Infra India Ltd, Maharashtra
 - xix. M/s Ramalingam Construction Company Pvt Ltd, Tamil Nadu
- who have satisfied all BQR conditions.

To **reject** the bid of

i) M/s Loom Solar Private Limited, New Delhi– 25MW/100MWh

Any bid and document proof for financial criteria in the online tender portal.

Hence liable for rejection.

ii) M/s Kishan Infrastructure Industries Private Limited-25MW/100MWh

who participated as Consortium (Lead Member : Kishan Infrastructure Industries Private Limited -99% - (Net Worth: ₹27.24 Cr as against the requirement of ₹39.6 Cr) and member SM express Logistics Private Limited -1% - 25.78Cr , networth not in proportion to the equity commitment as specified in

the RfS that the financial requirement (Net-Worth) to be met by each Member of the Consortium shall be computed in proportion to the equity commitment made by each of them in the Project Company and hence liable for rejection.

The Tender Scrutiny and Evaluation Committee (TSEC) approved the above proposal through circulation. Based on the recommendation of TSEC, the above proposal was placed before BLTC of TNGECL through circulation and the same was approved on 23.01.2026. The above proposal was placed before BOARD of TNGECL (through circulation) and has approved the same on 27.01.2026.

1.26. Based on the approval of BOARD of TNGECL by circulation on 27.01.2026, price bid of the following 19 tenders were opened on 28.01.2026 and E-reverse auction was also conducted on 29.01.2026 to 30.01.2026.

- i. M/s NLC India Renewables Limited, Chennai.
- ii. M/s AST Telecom Solar Pvt Ltd, Haryana
- iii. M/s. Auro Infra Private Limited, Hyderabad
- iv. M/s Oriana Power Limited, Noida, Uttar Pradesh.
- v. M/s Onward Solar Power Private Limited, Delhi
- vi. M/s MB Power (Madhya Pradesh) Limited
- vii. M/s DB Power BESS Storage Limited, Mumbai
- viii. M/s Brics Renewable Energy Private Limited, Karnataka
- ix. M/s Dilip Buildcon Ltd, Bhopal
- x. M/s Forceone SD Private Ltd, Hyderabad
- xi. M/s Sun Drops Energia Private Limited
- xii. M/s Power Grid Corporation of India Limited
- xiii. M/s Swelect Energy Systems Limited, Tamil Nadu
- xiv. M/s OPG Power generation Private limited, Thiruvallur
- xv. M/s ShreeTech Data Limited
- xvi. M/s Sri Srinivasa constructions Pvt Ltd, Bangalore
- xvii. M/s Eagle Infra India ltd, Maharashtra
- xviii. M/s Inderdeep Infra India Ltd, Maharashtra

xix. M/s Ramalingam Construction Company Pvt Ltd, Tamil Nadu

1.27. The price bid summary based on the e-reverse auction conducted is as below.

During E-reverse auction, the L1 price Rs 3,60,000 /- was fixed as the base rate for auction and bidders participated in the e-reverse auction

Sl.No	Name of the Bidder	Quoted Price in Rs. Per MW/Month	Rate on E-reverse Auction	Rank of the bidder
1	M/s Eagle Infra India Ltd, Maharashtra	8,64,000	315000	L1
2	M/s OPG Power generation Private limited, Thiruvallur	3,80,000	3,16,000	L2
3	M/s Onward Solar Power Private Limited, Delhi	4,14,000	3,25,000	L3
4	M/s Forceone SD Private Ltd, Hyderabad	9,99,990	3,27,000	L4
5	M/s Brics Renewable Energy Private Limited, Karnataka	3,75,000	3,28,000	L5
6	M/s Sri Srinivasa constructions Pvt Ltd, Bangalore	3,60,000	3,32,000	L6
7	M/s DB Power BESS Storage Limited, Mumbai	4,80,000		
8	M/s Dilip Buildcon Ltd, Bhopal	4,75,000		
9	M/s Sun Drops Energia Private Limited	4,20,000		
10	M/s Power Grid Corporation of India Limited	5,89,370		
11	M/s Swelect Energy Systems Limited, Tamil Nadu	5,90,000		
12	M/s ShreeTech Data Limited	5,40,000		
13	M/s Inderdeep Infra India Ltd, Maharashtra	8,62,000		
14	M/s Ramalingam Construction Company Pvt Ltd,	5,80,000		

	Tamil Nadu			
15	M/s NLC India Renewables Limited, Chennai	4,45,000		
16	M/s AST Telecom Solar Pvt Ltd, Haryana	4,10,000		
17	M/s. Auro Infra Private Limited, Hyderabad	4,50,000		
18	M/s Oriana Power Limited, Noida, Uttar Pradesh.	4,42,000		
19	M/s MB Power (Madhya Pradesh) Limited	4,99,000		

During E-reverse auction, the L1 price Rs 3,60,000 /- was fixed as the base rate for auction and bidders participated in the e-reverse auction as above.

1.28. As per the RfS,

“The bidders who fall within the range of (and including) the lowest tariff (L1 tariff) + 2% of the L1 tariff-hereinafter referred to as “the range”- will be declared as Successful Bidders under the RfS, subject to the following conditions:

i. In case the cumulative capacity shortlisted as per the range exceeds tender quantity, the list of Successful Bidders shall be limited by tender quantity, i.e. 375 MW.

ii. In every possible scenario, the total capacity to be Awarded under the RfS shall be limited to tender quantity.”

From the E-Reverse Auction summary it is observed that the L1 and L2 bidders are within the range of L1+2% and total capacity quoted by the two bidders is 350MW against the tendered quantity 375MW.

After negotiation, the L3 tenderer M/s Onward Solar Power Private Limited, Delhi has agreed to match the L1 price ie. Rs. 3,15,000 /-per MW/month.

1.29. Based on the above, the substations are allotted to the L1, L2 and L3 bidders as below. The allocation of the sub-stations has been done based on the preference of L1 bidder and under the subsequent bidders, under bucket filling method.

Sr. Nos.	NAME OF SUB-STATION	EVACUATION CAPACITY	Voltage level in KV	Name of the Bidder allotted	Ranking of the bidder	Rate quoted/Negotiated in Rs/MW/Month
1	400/110 kV Thappagundu SS	50MW/200 MWh	110kV	M/s Eagle Infra India ltd, Maharashtra	L1	3,15,000
2	230/110 kV Thatchankurichi SS	50MW/200 MWh	110 kV	M/s Eagle Infra India ltd, Maharashtra		
3	230/110KV Palladam SS	25MW/100MWh	110 kV	M/s Eagle Infra India ltd, Maharashtra		
4	230/110 kV Alagarkoil SS	25 MW / 100 MWh	110KV	M/s Eagle Infra India ltd, Maharashtra		
5	400 kV Kamudhi SS	25 MW / 100 MWh	110KV	M/s Eagle Infra India ltd, Maharashtra		
	TOTAL	175 MW/ 700Mwh				
6	400/230/110 kV Karamadai SS	25MW/100MWh	230 kV	M/s OPG Power generation Private limited, Thiruvallur	L2	3,16,000
7	400/230-110 kV Anaikadavu SS	50MW/200 MWh	230 kV	M/s OPG Power generation Private limited, Thiruvallur		
8	230/110 kV Thiruarur SS	50MW/200 MWh	110 kV	M/s OPG Power generation Private limited, Thiruvallur		
9	230/110 kV Othakalmandapa	25 MW / 100 MWh	230KV	M/s OPG Power generation Private limited, Thiruvallur		

	m SS					
10	230/110 kV Thuvakudy SS	25 MW/ 100 MWh	110KV	M/s OPG Power generation Private limited, Thiruvallur		
	TOTAL	175 MW/ 700Mwh				
11	110/11 kV N. Subbaiahpura m SS	25MW/ 100 MWh	110 kV	M/s Onward Solar Power Private Limited, Delhi	L3	3,15,000 (matched to L1)
	TOTAL	25 W/ 100Mwh				

1.30. The proposal for placing orders to the above 3 nos successful bidders was placed before TSEC through circulation and TSEC has approved the same dated 06.02.2026 and further recommended to BLTC. Based on the recommendation of TSEC of TNGECL, the proposal for placing orders to the 3 nos successful bidders was placed before BLTC of TNGECL through circulation and the same has been approved on 07.02.2026 and further recommended to BOARD of TNGECL.

1.31. Based on the Recommendation of TSEC and BLTC of TNGECL, the following proposal was placed before the BOARD of TNGECL for approval and for further filing of petition to the Commission for tariff adoption:

- i) To approve and ratify the action of TNGECL for issuing amendment of RfS and for EMD exemption for MSME Micro and Small industries in Tamil Nadu and for change in project locations.
- ii) To allocate to M/s. Eagle Infra India Ltd., Maharashtra (L1) for Setting up of 5 Nos. of Standalone Battery Energy Storage Systems of cumulative capacity of 175 MW/700 MWh at the rate of Rs 3,15,000/- per MW/ Month

- iii) To allocate to M/s. OPG Power Generation Private Limited, Thiruvallur (L2) for Setting up of 4 Nos. of Standalone Battery Energy Storage Systems of cumulative capacity of 175 MW/700 MWh at the rate of Rs 3,16,000/- per MW/ Month
- iv) To allocate to M/s. Onward Solar Power Private Limited, Delhi (L3) who matched the L1 price for Setting up of 1 No. of Standalone Battery Energy Storage System of capacity of 25 MW/100MWh at the rate of Rs 3,15,000/- per MW/ Month.

The BOARD of TNGECL has approved the above proposal through circulation dated 10.02.2026.

1.32. The Price comparison with tenders followed by other states for standalone BESS Projects as follows:

Tender Month	Tender Authority	Scheme	Capacity (MW/MWh)	Project Life (years)	Cycle	Lowest Bid discovered (Rs/MW/Month)
Oct-25	NVVN (Kerala)	VGf -PSDF	250/500	16	1	181000
Jul-25	MSEDCL	VGf -PSDF	2000/4000	15	2	165000
Oct-25	WBSEDCL	No VGf	250/1000	15	1	347000
Jul-25	GUVNL	VGf -PSDF	2000/4000	12	2	185390
Aug-25	RRVUNL	VGf -PSDF	500/2000	15	1	285000
Feb-25	UPPCL	State Component VGf (1st Tranche)	375/1500	20	1	359000
Nov-25	TNGECL	VGf -PSDF	375/1500	15	1.5	315000

From the above table, it could be seen that though various states proposed to implement the BESS under VGF I&II schemes, the capacity of the project, no of cycles, duration of agreement have been State specific and mainly on the Grid and peak power requirement.

In the tender floated by UPPCL for an identical project capacity of 375 MW / 1500 MWh, with single-cycle operation and a higher VGF support of Rs. 27 lakhs/MWh, the discovered tariff was Rs. 3.59 lakhs/MW/month. In comparison, the tariff discovered under the present TNGECL tender is lower, at Rs. 3.15–3.16 lakhs/MW/month, despite for a lesser VGF component and for more demanding operating profile.

1.33. The present tender has been floated without prescribing a ceiling tariff, considering the rapid fluctuation in Battery Energy Storage System (BESS) costs during the tendering period. Fixing a ceiling tariff at this stage could unnecessarily constrain competitive price discovery. Accordingly, the tariff is proposed to be discovered through a reverse auction mechanism, which is expected to yield the most competitive outcome.

1.34. Based on Capex estimates and VGF, the tentative levelised tariff works out to Rs. 4.06 lakhs/MW/month for a 15-year project period and the same was appraised in the petition MP No 56 of 2025 filed before the Commission seeking approval to float tender for this project. The present project envisages a 4-hour charging and 4-hour discharging configuration per cycle, with a provision for 1.5 full cycles per day. This operating philosophy has been designed to effectively address Tamil Nadu's system peak

characteristics, wherein the evening peak demand extends from 18:00 hrs to 23:00 hrs, and the morning peak demand extends from 06:00 hrs to 09:00 hrs.

Accordingly, the 1500 MWh BESS is configured as 375 MW with a continuous 4-hour discharge capability, enabling the system to fully cover the sustained evening peak in a single block. The provision for 1.5 cycles per day allows the storage system to additionally support the morning peak hours.

This operational profile enables the delivery of approximately 2,250 MWh per day, maximising mid-day solar energy absorption, reducing renewable energy curtailment, and providing firm, dispatchable capacity during the critical evening ramp. Collectively, these benefits significantly enhance overall grid reliability. Furthermore, strategic siting at critical substations ensures effective congestion relief and targeted strengthening of the local power system.

Considering the high renewable energy penetration, peak hour power requirements, and the prevailing grid conditions in Tamil Nadu, the tariff discovered under the TNGECL tender is competitive, justified, and reasonable.

1.35. The cost analysis details working for the peak hour power envisaged through this BESS project is as under:

One Month Units	1500 MWh x 30 days = 45,000,000 kWh
Input units considering RtE as 85 %	5,29,41,176 kWh
Cost per month	(Rs.3,15,000*175MW) + (Rs. 3,16,000*175MW) +(Rs. 3,15,000*25MW) = Rs. 11,83,00,000
Cost of storage	Rs. 11,83,00,000 / 4,50,00,000 kWh = Rs. 2.63/-per unit.
Cost of solar energy (Input Energy)	Rs. 3.00/- per unit
Total Cost of Input Energy	5,29,41,176 kWh x Rs. 3.00/- per unit = Rs.15,88,23,529 /-
Total Cost	(Rs. 11,83,00,000/-+ Rs.15,88,23,529 /-) = Rs.27,71,23,529/-
Effective Cost including Input Energy	Rs.27,71,23,529/- / 45,000,000 kWh
Cost of peak hour power	Rs. 6.16/- per Unit

1.36. The Estimated saving per unit through this project towards Power Purchase Cost to meet the peak demand is summarized hereunder:

a. Saving per unit

Sr. No.	Details	Cost in Rs./Unit
1.	Evening peak hour power purchase rate maximum	10.00
2.	Effective Cost to power including Input Energy from BESS Projects	6.16
3.	Net Saving in Rs. per unit after roll out of BESS Projects	3.84

b. Total saving for Project

Sr. No.	Battery Capacity	No. of Hours per cycle	Total MWh Per day	Total MWh Per year	Saving per unit	Saving Per Year	Contract Period	Total Saving for Contract Period
	MW	Hr	MWh	MWh	Rs.	Rs. Cr.	Years	Rs. Cr.
1	375	4 hr and 1.5 cycles	2250	8,21,250	3.84	315.3	15	4730.4

1.37. The Guidelines issued by the Ministry of Power, Government of India, pertaining to the adoption of storage tariff/rates by the Appropriate Commission, contain the following pertinent clauses:

“Clause G .8 – “Subject to provisions of the Act, the distribution licensee or the Intermediary Procurer, as the case may be, should approach the Appropriate Commission for adoption of tariffs (including capacity charges, if applicable) discovered and quantum of capacity / electricity to be procured, within 30 days of issuance of Letter(s) of Award to the successful bidder(s). In case the tariff (including capacity charges, if applicable) adoption procedure requires signed BESPAs to be submitted alongwith, the above timeline may be extended suitably.

1.38. The Petitioners issued Corrigendum No. 7 to the tender on 26.12.2025 to give effect to the letter dated 24.12.2025 issued by the ministry of power Government of India clarifying that the procuring entity shall ensure a minimum local content of 20% of the total project cost in BESS procurements under the VGF scheme the Government of India has further clarified that the minimum local content requirement shall include inter alia indigenously developed EMS application software the MOP further clarified that in

cases where tender has been invited without specific mention of local content the states may obtain an undertaking from the bidders to meet the aforesaid local content requirement before proceeding with the award of the contract accordingly the petitioners have issued corrigendum 7 adding the following clause 9a of annexure A of the RFS:

1. *As per the Public Procurement Orders issued by DPIIT and MoP order No. A-1/2021-FSC-Part (5) dated 16.11.2021, as Battery Energy Storage System (BESS) is presently not included in the notified list, and where an item has not been notified by the nodal Ministry/Department, both Class-I and Class-II local suppliers are eligible to participate in the procurement process.*
2. *The BESSD shall ensure minimum local content of 20% of the total project cost in BESS procurements under the VGF Scheme. This minimum local content requirement shall include, inter-alia, the indigenously developed EMS application software.*
3. *The BESSD shall submit an undertaking to meet the aforementioned local content requirement before the award of contract.*

1.39. The summary of the corrigendum issued are as follows:

Corrigendum No.	Date	Amendment carried out	Purpose
1	20.11.2025	--	Providing weblink for pre-bid meeting
2	05.12.2025	Reply for pre-bid queries	To clarify the queries raised by various prospective bidders
3	17.12.2025	RFS amendment for- 1. Shareholding pattern of	1. To keep the eligibility conditions

		consortium 2. Additional technical compliances for BESS	clear and consistent. 2. To ensure bid security, protection for BESS projects.
4	19.12.2025	Due date extension	To get more competitive offers
5	20.12.2025	Revised project locations	Due to space constraints
6	22.12.2025	Substation details and single line diagrams	Additional information
7	26.12.2025	MII requirement by MOP	As per MoP letter dt. 24.12.2025
8	30.12.2025	Due date extension	To get more competitive offers
9	02.01.2025	Due date extension	To get more competitive offers

1.40. Given the absence of a specific classification for tariff fixation of Capacity Charges within the Commission Notification dated 26.01.2022 on Fees and Fines Regulations, concerning Fees and Fines Regulations, Miscellaneous petition is filed now before Hon'ble TNERC seeking approval for adoption of tariff discovered in this BESS e-tender as discussed above through competitive bidding process in respect tender specification TNGECL/CE/NCES/O.T. No. 08 /25-26 and the fees for an amount of Rs. 25,000/- applicable to Miscellaneous petition has been paid.

Further, TNGECL undertakes to remit the actual amount as may be determined by the Commission.

1.41. As per the VGF guideline of MoP dated 09.06.2025, the due date for

signing PPA is 9 months from the date of issuance of the guideline, ie.08.03.2026.

2. Findings of the Commission :-

In the result the following Order is passed:

- a. The amendments issued to the RFS, including EMD exemption to eligible MSME's and the revised project locations are hereby ratified and approved by the Commission.
- b. The Capacity Charges discovered through competitive bidding are hereby ordered to be adopted under Section 63 of the Electricity Act, 2003.
- c. Further, the following allocations are approved for adoption:
 - i. The allocation to M/s.Eagle Intra India Ltd, (L1) Maharashtra, for setting up of five stand-alone BESS units, with cumulative capacity of 175 MW / 700 MWh at the rate of Rs.3,15,000 /- per MW per month;
 - ii. The allocation to M/s.OPG Power Generation Private Ltd, Thiruvallur (L2) for setting up of five stand-alone BESS of cumulative capacity of 175 MW / 700 MWh at the rate of Rs.3,16,000 /- per MW per month; and
 - iii. The allocation to M/s.Ohward Solar Power Private Limited, Delhi (L3), who matched the L1 price, for setting up of one stand-alone BESS with capacity of 25 MW / 100 MWh at the rate of Rs.3,15,000 /- per MW per month.

- d. The 1st petitioner TNGECL is permitted to issue Letter (s) of award to the successful bidders;
- e. The 1st petitioner TNGECL is permitted to execute the requisite BESPA with the successful bidders at the adopted rate;
- f. The 2nd petitioner TNPDCCL shall ensure that the procurement is utilized strictly to grid support, peak management and Regulatory Compliance. Further, all agreements shall be subject to the compliance of applicable Regulations, Prudent checks, and Audit Requirements.

Petition stands disposed of accordingly.

(Sd....)
Member (Legal)

(Sd....)
Member

(Sd....)
Chairman

/True Copy /

**Secretary (i/c)
Tamil Nadu Electricity
Regulatory Commission**