



TARIFF ORDER

True- up for FY 2021-22 & Annual Performance Review for FY 2024-25, ARR & Determination of Retail Tariff for the 4th Control Period FY 2025-26 to FY 2029-30

Petition No. 151/2025

For
Electricity Department Andaman & Nicobar Administration
(EDA&N)

28th October, 2025

JOINT ELECTRICITY REGULATORY COMMISSION

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List of abbreviations

Abbreviation	Full Form
A&G	Administrative and General
Act	The Electricity Act, 2003
APR	Annual Performance Review
ARR	Aggregate Revenue Requirement
ATE	Appellate Tribunal of Electricity
CAGR	Compound Annualized Growth rate
Capex	Capital Expenditure
CEA	Central Electricity Authority
CGRF	Consumer Grievance Redressal Forum
CGS	Central Generating Stations
Cr	Crores
DG	Diesel Generator
Discom	Distribution Company
FY	Financial Year
GoI	Government of India
HT	High Tension
HSD	High Speed Diesel
JERC	Joint Electricity Regulatory Commission for the state of Goa and Union Territories
kVA	Kilo Volt Ampere
kWh	Kilo Watt Hour
EDA&N	Electricity Department of Andaman & Nicobar Administration
LNG	Liquefied Natural Gas
LT	Low Tension
MoP	Ministry of Power
MU	Million Units
MW	Mega Watt
MYT	Multi Year Tariff
NIOT	National Institute of Ocean Technology
NTPC	National Thermal Power Corporation
O&M	Operation and Maintenance
OTEC	Ocean Thermal Energy Conversion
PLF	Plant Load Factor
PPA	Power Purchase Agreement
REC	Renewable Energy Certificate
RPO	Renewable Purchase Obligation
SECI	Solar Energy Corporation of India Limited
SERC	State Electricity Regulatory Commission
SPV	Solar Photovoltaic
T&D	Transmission & Distribution

Abbreviation	Full Form
TVS	Technical Validation Session
UI	Unscheduled Interchange
UT	Union Territory
YoY	Year on Year

Before the
Joint Electricity Regulatory Commission
For the State of Goa and Union Territories, Gurugram

QUORUM

Shri Alok Tandon, Chairperson
Smt. Jyoti Prasad, Member (Law)

Petition No. 151/2025
Date of Order: 28th October 2025

In the matter of

True- up for FY 2021-22 & Approval for the Annual Performance Review for FY 2024-25 and MYT Petition & Tariff Proposal for the Control Period FY 2025-26 to FY 2029-30.

And in the matter of

Electricity Department Andaman & Nicobar
Administration.....Petitioner

ORDER

1) This Order is passed in respect of the Petition filed by the Electricity Department Andaman & Nicobar Administration (herein after referred to as “The Petitioner” or “EDA&N” or “The Licensee”) for the approval of True- up of FY 2021-22 and for approval of Annual Performance Review (APR) for FY 2024-25 and Aggregate Revenue Requirement (ARR) and determination of Retail Tariff for 4th MYT Control Period from FY 2025-26 to FY 2029-30 before the Joint Electricity Regulatory Commission (herein after referred to as “The Commission” or “JERC”).

2) In exercise of the powers conferred on it by sub-Section (2) of Section 181 read with Section 36, Section 39, Section 40, Section 41, Section 51, Section 61, Section 62, Section 63, Section 64, Section 65 and Section 86 of the Electricity Act, 2003 (36 of 2003) and all other powers enabling it in this behalf, the Joint Electricity Regulatory Commission for the State of Goa and Union Territories (except Delhi), after previous publication, issued the Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2024 on 15th October 2024.

3) In terms of Regulation 9 of JERC (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2021 and Regulation 17 of the aforesaid JERC (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2024, the Petitioner has filed a Petition for approval of its Annual Performance Review for FY 2024-25 and MYT Petition & Tariff Proposal for the Control Period FY 2025-26 to FY 2029-30, with details for each year of the Control Period before the Commission.

4) The Petitioner has filed Interlocutory Application in this petition No. 151/2025 for True-up of FY 2021-22. The IA was listed for hearing on 15/10/2025 and the Commission after hearing admitted and allowed the IA as IA No. 02/2025 and vide Interim Order dated 21/10/2025, the IA was disposed off for considering the IA along with Petition No.151/2025.



5) The Commission scrutinized the said Petition and generally found it in order. The Commission admitted the petition for “Approval of APR for FY 2024-25 and MYT Petition and & Tariff proposal for the Control Period FY 2025-26 to FY 20-29-30” on 11th July 2025. The Commission thereafter requested further information/ clarifications on the data gaps observed to take a prudent view of the said Petition.

6) The suggestions/ comments/ views and objections were invited from the Stakeholders and Electricity Consumers. The Public Hearing was held on 13th August 2025 at 10:30 AM at Mini Conference hall of DBRAIT Auditorium at Sri Vijaya Puram in hybrid mode i.e. physical and virtual and all the Stakeholders/Electricity Consumers present in the Public Hearing were heard.

7) The Commission based on the Petitioner’s submission, relevant JERC (Generation, Transmission and Distribution Multi Year Tariff) Regulations, facts of the matter, Rules and provisions of the Electricity Act, 2003 and after proper due diligence and prudence check, has approved the Annual Performance Review (APR) for FY 2024-25 and Aggregate Revenue Requirement (ARR) with determination of Retail Tariff for the 4th Control Period from FY 2025-26 to FY 2029-30.

8) A summary has been provided as follows:

A. True-up for FY 2021-22

The Petitioner claimed the standalone revenue gap of **Rs. 962.09 Crores** in the True-up of FY 2021-22.

The Standalone Revenue gap/ surplus approved by the Commission is given in the table below:

Table 1: Standalone Revenue Gap/ Surplus approved by the Commission in the True-up for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner’s Submission	Trued-up by the Commission
1.	Net Revenue Requirement	715.75	1132.88	967.93
2.	Revenue from Retail Sales at existing tariff	160.79	170.79	170.79
3.	Net Gap/ (Surplus)	554.96	962.09	797.14

B. Aggregate Revenue Requirement for the 4th Control Period

The following table provides ARR, Revenue and Standalone Gap/ (Surplus) at existing tariff as submitted by the Petitioner and approved by the Commission for the 4th Control Period from FY 2025-26 to FY 2029-30.

Table 2: Revenue gap at Existing Tariff determined by the Commission for the 4th Control Period from FY 2025-26 to 2029-30 (Rs. Crores)

Particulars	Units	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Annual Revenue Requirement	Rs. Crores	994.91	1,095.86	1,135.27	1,179.11	1,233.91
Revenue from Sale of Power at existing tariff	Rs. Crores	376.39	392.68	416.49	445.82	480.43
Revenue Gap / (Surplus)	Rs. Crores	618.52	703.18	718.78	733.29	753.48



Table 3: Revenue Gap at approved Tariff determined by the Commission for the 4th Control Period from FY 2025-26 to 2029-30 (Rs. Crores)

Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Annual Revenue Requirement	994.91	1,095.86	1,135.27	1,179.11	1,233.91
Revenue from Sale of Power at Approved tariff	394.83	474.65	536.85	610.69	696.06
Revenue Gap /(Surplus)	600.08	621.20	598.41	568.42	537.84

Table 4: Gap at Existing and Approved Tariff as determined by the Commission

Categories	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Existing	Approved								
1 Net ARR(Cr)	994.91	994.91	1,095.86	1,095.86	1,135.27	1,135.27	1,179.11	1,179.11	1,233.91	1,233.91
2 Revenue from Sales(Cr)	376.39	394.83	392.68	474.65	416.49	536.85	445.82	610.69	480.43	696.06
3 Gap (1-2)	618.52	600.08	703.18	621.20	718.78	598.41	733.29	568.42	753.48	537.84
4 Total Sales(MUs)	331.69	331.69	350.66	350.66	372.48	372.48	398.26	398.26	429.67	429.67
5 Average Cost of Supply (1/4x10)(Rs/Unit)	30.00	30.00	31.25	31.25	30.48	30.48	29.61	29.61	28.72	28.72
6 Average Billing Rate (2/4x10)(Rs/Unit)	11.35	11.90	11.20	13.54	11.18	14.41	11.19	15.33	11.18	16.20
7 Per Unit Gap (5-6)(Rs/unit)	18.65	18.09	20.05	17.72	19.30	16.07	18.41	14.27	17.54	12.52

9) The annual Average Tariff Hike is approved at 9% approx..

10) Ordered as above, read with attached document giving detailed reasons, grounds and conditions.

11) The approved MYT Order shall come into force from 1st November 2025.

Ordered accordingly.

Sd/-
(Jyoti Prasad)
Member (Law)

Sd/-
(Alok Tandon)
Chairperson

(Certified True Copy)

(S.D. Sharma)
Secretary (I/c), JERC

Place: Gurugram
Date: 28th October, 2025



Chapter 1: Introduction

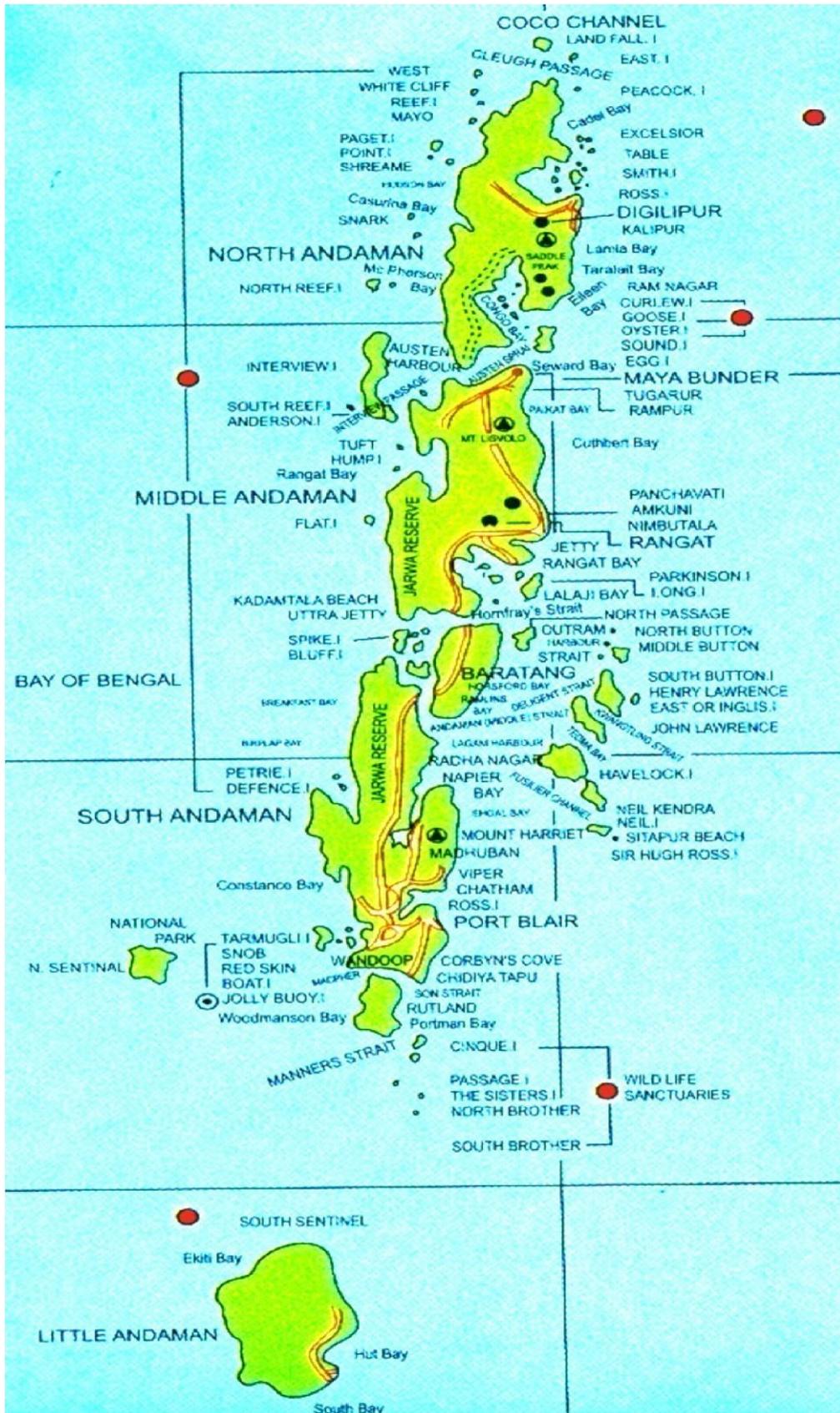
1.1 About Joint Electricity Regulatory Commission (JERC)

In exercise of powers conferred by the Electricity Act 2003, the Central Government constituted a Joint Electricity Regulatory Commission for all the Union Territories except Delhi to be known as “the Joint Electricity Regulatory Commission for the Union Territories” vide notification no. 23/52/2003-R&R dated 2nd May 2005. Later with the joining of the State of Goa, the Commission came to be known as “Joint Electricity Regulatory Commission for the State of Goa and Union Territories” (hereinafter referred to as “the JERC” or “the Commission”) vide notification no. 23/52/2003-R&R (Vol. II) dated 30th May 2008. JERC is a statutory body responsible for regulation of the Power Sector in the State of Goa and the Union Territories of Andaman & Nicobar Islands, Lakshadweep, Chandigarh, Dadra & Nagar Haveli and Daman & Diu and Puducherry, consisting of generation, transmission, distribution, trading and use of electricity. Its primary objective includes taking measures conducive to the development of the electricity industry, promoting competition therein, protecting the interest of consumers and ensuring the supply of electricity to all areas.

1.2 About Electricity Department Andaman & Nicobar Islands

Andaman & Nicobar Islands (hereinafter referred to as “A&N”) is a cluster of islands scattered in the Bay of Bengal and a designated Union Territory of India. These islands are separated from the rest of India by more than 1000 kms. The total area of the territory is 8,249 sq.km out of which the forest cover is about 7,589 sq. km. (92%). A&N is having population of 379,944 as per census provisional records and average growth rate of population is 6.68%. These islands are divided in three districts, viz., Andaman, Nicobar and North & Middle Andaman. The seat of the Administration is at Port Blair (South Andaman) in which 14.14 sq. km. area is under the jurisdiction of Port Blair Municipal Council.

The tempo of economic development has accelerated tremendously along with all-round expansion in the areas/ sectors, viz., (i) Shipping Services, (ii) Civil Supplies, (iii) Education, (iv) Fisheries, (v) Tourism & Information Technology, (vi) Health, (vii) Industries, (viii) Rural Development, (ix) Social Welfare, (x) Transport, (xi) Increase in District Headquarters, (xii) Central Government Department, (xiii) Public Undertaking & other offices, (xiv) Services & Utilities, (xv) Defense Establishment, (xvi) Commercial Organizations/Business Centers, etc. Thus, these islands have reached the stage for total economic transformation. All these economic and infrastructure developments require power as a vital input and to play a key role for achieving overall transformation.



1.3 About Electricity Department Andaman & Nicobar Administration (EDA&N)

The Electricity Department of Andaman & Nicobar Administration (hereinafter referred to as “EDA&N” or “Utility” or “Petitioner”) is solely responsible for power supply in the Union Territory (UT). Power requirements of EDA&N are met by own generating stations as well as power purchase.

Due to the geographical and topographical peculiarities of these islands including separation by sea over great distances, there is no single power grid for the entire electrified islands, instead, powerhouse at various islands caters independently to the power requirements of area/islands.

EDA&N is operating and maintaining power generation, transmission and distribution system network in these islands for providing electric power supply to general public. It implements various Planned and Non-Planned schemes for augmentation of Diesel Generating Capacity, establishment of new power plants and T&D Systems. EDA&N is also functioning as a Nodal Agency for implementing renewable energy programme of the Ministry of New & Renewable Energy (MNRE) on these islands. Presently, EDA&N is headed by a Superintending Engineer, along with seven Executive Engineers and around thirty-eight Assistant Engineers for carrying out the task of power generation, transmission and distribution to the general public including schemes under renewable energy sources.

The key duties being discharged by EDA&N are:

- Laying and operating of electric lines, sub-stations and electrical plants that are primarily maintained for the purpose of distributing electricity in the area of Andaman & Nicobar Islands.
- Operating and maintaining sub-stations and dedicated transmission lines connected therewith as per the provisions of the Act and the rules framed there under;
- Generation of electricity for the supply of electricity required within the boundary of the UT and for the distribution of the same in the most economical and efficient manner;
- Supplying electricity, as soon as practicable to any person requiring such supply, within its competency to do so under the said Act;
- Implementation of schemes for distribution and generally for promoting the use of electricity within the UT.

The present Installed Capacity of EDA&N is approximately 125.80 MW from various generating stations. The current demand mainly comprises of the domestic and commercial category, which contributed approximately 80% to the total sales of the EDA&N. The table below gives an overview of present transmission and distribution infrastructure of EDA&N as of 31.03.24:

Table 5: Electricity Department at a glance (FY 2023-24)

S. No.	Particulars	Details
1	33KV Lines (in Km)	590.17
2	11KV Lines (in Km)	895.07
3	LT Lines (415 V) (in Km)	3816.80
4	Distribution Transformers (Nos.)	1082
5	Total Number of Powerhouse (Nos.)	56
6	Peak Demand	80.13
7	Present Installed Capacity (PP+ Own generation.)(in MW)	125.80
8	Diesel Capacity (including 36.53 MW Hiring) (in MW)	105.21
9	Hydro Capacity (in MW)	5.25
10	Solar Capacity (in MW)	29.20
11	Departmental Powerhouse (Nos.)	48

S. No.	Particulars	Details
	(including 12 Community power house) (Nos.)	
12	Private Powerhouse (Nos.)	20
13	Community Powerhouse (Nos.)	12
14	Consumers (Nos.)	154731

1.4 Multi Year Tariff Regulations, 2021

The Commission notified the “Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2021” (hereinafter referred to as JERC MYT Regulations, 2021) on 22nd March 2021. These Regulations are applicable for the 3rd MYT Control Period comprising of three financial years from FY 2022-23 to FY 2024-25.

These Regulations are applicable to all the Generation companies, Transmission and Distribution licensees in the State of Goa and Union Territories of Andaman & Nicobar Islands, Lakshadweep, Chandigarh, Daman & Diu and Dadra & Nagar Haveli and Puducherry.

1.5 Multi Year Tariff Regulations, 2024

The Commission notified the Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2024 on 15th October 2024. The said Regulations have been hereinafter referred to as the "JERC MYT Regulations". As per Clause 2.1(22) of these Regulations, the "Control Period" is defined as the multi-year period comprising of Five (5) financial years of FY 2025-26 to FY 2029-30, and as may be extended by the Commission, for submission of forecast in accordance with these Regulations.

These Regulations are applicable to all the generation companies and transmission and distribution licensees in the State of Goa and Union Territories of Andaman & Nicobar Islands, Lakshadweep, Chandigarh, Daman & Diu, Dadra & Nagar Haveli and Puducherry.

1.6 Filing and Admission of the Present Petition

As per Clause 8.1 of the JERC MYT Regulations, 2024, the Petitioner is required to file Annual Performance Review for FY 2024-25 and MYT Petition & Tariff Proposal for the Control Period FY 2025-26 to FY 2029-30 with details for each year of the Control Period for the approval of the Commission. The Petitioner therefore submitted the current Petition via email for approval of ‘Annual Performance Review for FY 2024-25 and MYT Petition & Tariff Proposal for the control period FY 2025-26 to FY 2029-30’.

After initial scrutiny/analysis, the Petition on “Annual Performance Review for FY 2024-25 and MYT Petition & Tariff Proposal for the Control Period from FY 2025-26 to FY 2029-30” was admitted on 11th July 2025 and was marked as Petition no. 151/2025.

The Petitioner has filed Interlocutory Application in this petition No. 151/2025 for True-up of FY 2021-22. The IA numbered as 02/2025 was listed for hearing on 15/10/2025 and the Commission after hearing admitted the IA as IA No. 02/2025 vide Interim Order dated 21/10/2025, admitted and allowed the IA for considering the True-up of FY 2021-22 along with Petition No. 151/2025.

1.7 Interaction with the Petitioner

A preliminary scrutiny/analysis of the Petitions was conducted, and certain deficiencies were observed. Accordingly, discrepancy notes were issued to the Petitioner. Further, additional

information/clarifications were solicited from the Petitioner as and when required. The Commission and the Petitioner also discussed various concerns of the Petitioner and key data gaps, which included retail sales, revenue from retail tariff, capitalization, tariff proposal etc. The Petitioner submitted its response to the issues through various letters/emails.

The following table provides a list of interactions with the Petitioner along with the dates:

Table 6: List of interactions with the Petitioner

S. No	Subject	Date
1	Admittance of Petition	11.07.2025
2	Public hearing	13.08.2025 at 10:30 AM
3	Issue of Deficiency Note	02.09.2025
4	Reply received from the Petitioner with regard to first deficiency Note	26.09.2025

1.8 Notice for Public Hearing

Table 7:List of Newspapers in which notice for Public Hearing was published

S. No	Subject	Date	
1	1 st Notice for Public Hearing (Notice by the Commission)	24.07.2025	The Echo of India (English)
			Today Times (English)
			Info India (Hindi)
			Arthik Lipi (Bangla)
2	2 nd Notice for Public Hearing (Notice by the Commission)	11.08.2025	The Echo of India (English)
			Today Times (English)
			Info India (Hindi)
			Arthik Lipi (Bangla)
3	Notice for Public Hearing (Notice by the Petitioner)	24.07.2025	Daily Telegram (English)
		31.07.2025	Andaman Nicobar Dweep Samachar (Hindi)

1.9 Public Hearing

The Commission deemed it is necessary to provide access to all the stakeholders by conducting proceedings remotely, using audio and video enabled hearings in the matters of Petition submitted by Electricity Department Andaman & Nicobar Administration (EDA&N). Therefore, the Commission has decided that the comments/suggestions of the stakeholders need to be heard physically as well as virtually through video conferencing for seeking their opinion.

Accordingly, the Public Hearing was held on 13th August 2025 at 10:30 AM at Mini Conference Hall of DBRAIT Auditorium at Sri Vijaya Puram in hybrid mode i.e. physical and virtual mode, to discuss the issues, if any, related to the Petition filed by the Petitioner. The issues and concerns raised by the stakeholders in writing and as voiced by them during the Public Hearing have been noted and examined by the Commission. The names of the stakeholders who attended the Public Hearing are provided in Annexure I. The major issues discussed, the responses of the Petitioner thereon and the views of the Commission have been summarized in Chapter 2 of this Order.

Chapter 2: Summary of Suggestions/ Objections received, Response from the Petitioner and the Commission's View

2.1 Regulatory Process

On admitting the Petition, the Commission directed the Petitioner to make copies of the Petition available to the public, upload the Petition on the website and publish the same in the newspapers in an abridged form in the given format duly inviting suggestions/ objections/ comments from the public as per the provisions of the MYT Regulations 2024.

The Public Hearing was held on 13th August 2025 for the Business Plan petition and approval of Annual Performance Revenue for FY 2024-25 and Aggregate Revenue Requirement for 4th MYT Control Period (FY 2025-26 to FY 2029-30) & determination of Retail Supply Tariff for the Control Period. During the Public Hearing, stakeholders had submitted their comments in writing also presented their views in person before the Commission. Other participants from the public, who had not submitted written suggestions/ comments earlier, were also given an equal opportunity to present their views/ suggestions in respect to the Petition.

The names of the stakeholders who attended the Public Hearings is provided in Annexure-I of this Order.

2.2 Suggestions/ Comments of the Stakeholders, Petitioner's Response and Commission's Views

The Commission is appreciative of the efforts of various stakeholders in providing their suggestions/comments/ objections to make the Electricity Distribution Sectors process responsive and efficient. The relevant observations of the stakeholders have been suitably considered by the Commission while finalizing this Tariff Order. It is noted that all comments/ suggestions in oral and in writing have been taken note of by the Commission and have been dealt with wherever required. The submissions of the stakeholders, response of the Petitioner and views of the Commission are summarized below:

2.2.1 Tariff Hike

Stakeholders' Comments

The stakeholder submitted that

1) Already the Most Expensive Electricity in India

- Consumers in A&N Islands are already paying more than twice the highest tariff in any other State/UT. For Example: Maharashtra's commercial tariff is Rs. 10.90/unit, industrial Rs.7.38/unit; whereas in contrast, A&N's commercial rates are Rs.16.75-Rs.18.75, and industrial Rs.17.75/unit.
- In this context, any further increase is inherently disproportionate and contrary to the principle of affordability under the JERC (Retail Supply Tariff Structure) Guidelines, 2024.

2) Scale of Proposed Hikes

The Electricity Department's proposal seeks a minimum 32% Increase, and in some categories over 50% in the first year, with tariffs doubling over the five-year control period:

- NDS-1 (<100 kVA): Rs16.75 — Rs.25.10 (+49.85%) Year 1; Rs.33.50 in 2029-30 (+100%)
- NDS-2 (<100 kVA); Rs17.75 — Rs 23.60 (+33%) Year 1; Rs 31.50 in 2029-30 (+77.46%)
- HTS-2 (>100 kVA): Rs 17.75 — Rs 28.10 (+58.3%) Year 1; Rs 37.50 in 2029-30 (+111.27%)

3) Excessive Increase in Energy Charges:

The proposed tariff shows a steep increase-particularly for domestic consumers using 201-300 units, where the rate has jumped by 35% (from Rs. 9.50 to Rs.12.80 per unit). Similarly, commercial and

industrial categories face hikes ranging from 30% to 50%. Such sharp escalations are excessive and would place an undue financial burden on consumers.

4) Significant Rise in Fixed Charges:

Fixed charges across various categories (e.g., Domestic LT, Commercial LT) have been raised by 50% to 100%. A similar move in Chandigarh met with strong public resistance and was subsequently rolled back. The same could be expected here if implemented without a phased approach.

5) Absence of Rooftop Solar and Net Metering Provision:

Unlike other UTs such as Goa, Chandigarh, and Puducherry, the A&N Islands' proposal lacks a provision for net metering, which is critical to promoting rooftop solar adoption. The proposed fixed solar tariff of Rs. 7.16/unit is unreasonably high and discourages smaller consumers from investing in renewable energy. Net metering should be introduced to align with national goals on clean energy.

6) Socio-Economic Impact of Tariff Hike

With limited industrial activity and prevalent low-income households, imposing higher tariffs contravenes Section 61(g) of the Electricity Act, requiring tariffs to protect consumer interest—especially for economically vulnerable populations.

7)

- We understand that a proposal is under consideration by the Electricity Department for a substantial increase in the power tariff across all sectors in the Andaman & Nicobar Islands.
- As you are well aware, the South Andaman region is currently facing a severe power crisis, resulting in frequent and prolonged power cuts. These disruptions have caused significant distress and resentment among consumers from all sections of society.
- Introducing a tariff hike at this juncture, when the power supply itself remains unreliable, is likely to further aggravate public dissatisfaction and invite strong pushback from consumers.
- In view of the prevailing situation, we earnestly request your kind intervention to review and reconsider the proposed tariff hike by the Electricity Department.

Petitioner's Response

The Petitioner has submitted that:

1) The submission is misplaced. The higher tariff in A&N Islands is solely on account of its isolated diesel-based generation, where per unit cost of supply far exceeds mainland benchmarks. The comparison with other States/UTs is not appropriate, as they are integrated with the National Grid and benefited from cheaper coal, hydro, renewable and transmission access. The proposed tariff revision is based on the actual cost of supply and ARR (Annual Revenue Requirement) -RR (Revenue Realisation) gap, in accordance with Section 61 and 62 of the Electricity Act, 2003, and JERC Regulations.

2) The Department has projected year-wise trajectory to gradually reduce revenue deficit over the control period, as per JERC Tariff Guidelines, 2024. Even after revision, Government subsidy support continues to absorb a significant portion of the gap, thereby shielding consumers from the full cost. Without such rationalisation, the burden on the UT exchequer will become unsustainable.

3) The proposed revision of energy charges is based on the actual cost of power generation and procurement in A&N Islands, which is significantly higher than other UTs due to geographic remoteness, dependence on diesel-based generation, and high transportation costs. The revision has been structured under the Multi-Year Tariff (MYT) framework notified by JERC and is aimed at progressively reducing the revenue gap without imposing the entire burden in a single year.

4) Fixed charges have been rationalized to reflect the fixed costs of maintaining generation, transmission, and distribution infrastructure, which remain constant irrespective of consumption.

6) While cost of generation is very high, consumer tariffs are much lower due to subsidy support from the UT Administration. The petition has been filed in line with JERC Regulations, ensuring a balance between cost recovery and consumer affordability.

7) It is pertinent to note that there is a huge gap between Annual Revenue Requirement (ARR) and Revenue Realisation (RR). Even with the proposed hike, a substantial portion of the gap is still met from the UT Budget, which remains a burden on the exchequer.

Further, the Department is taking concerted steps to augment supply by commissioning new generation capacity, strengthening distribution systems, and expediting LNG/renewable integration

Commission's View

The Commission has noted the suggestions of the Stakeholders and the response of the Petitioner and has tried its best to address them to the extent possible and the details are given in the Chapter on Tariff Principles and Design of this order.

2.2.2 Cost Inequalities and Cross-Burdening

Stakeholders' Comments

- 1) In hinterland districts like Nicobar, the cost of generation is ~1.5x higher than in Port Blair.
- 2) Instead of addressing operational inefficiencies or exploring cheaper generation sources, this excess cost is being cross-subsidised by Port Blair consumers.
- 3) We urge the Commission to direct an independent third-party audit of cost projections and generation expenses.

Petitioner's Response

The Petitioner has submitted that Cross-subsidy is an established principle in retail tariffs and in all States/UTs, consumers in urban load centres cross-subsidise remote or rural supply. Independent audits are already being carried out as part of Statutory Audit and CAG oversight; hence, a separate third-party audit is not warranted.

Commission's View

The Commission has noted the suggestions of the stakeholders and the Petitioner's response in this regard. The Commission views that the Central government is providing Budgetary support to the Petitioner without any external borrowings and currently no consumer is cross subsidizing any other consumer as ABR is lower than ACoS for all consumers.

2.2.3 Non-Compliance with JERC Principles

Stakeholders' Comments

The Stakeholder submitted that:

- The proposal is inconsistent with the JERC's stated objectives in the Retail Supply Tariff Structure Guidelines, 2024:
- Avoidance of tariff shocks- steep hikes breach this principle.
- Uniformity and rationalization- cross-burdening of Port Blair consumers contradicts uniformity.
- Affordability- doubling tariffs for the already highest-paying consumers violates affordability.

Petitioner's Response

The Petitioner has submitted that:

The Petitioner has fully complied with JERC Guidelines, 2024:

- Avoidance of tariff shock: hikes are spread over a five-year trajectory.
- Uniformity: Tariff classes have been rationalised in line with CEA/JERC guidance.
- Affordability: Even after revision, Government subsidy absorbs more than actual cost, ensuring consumers pay less than true cost.

Commission's View

The Commission has noted the comments of the Stakeholder and the response of the Petitioner.

2.2.4 Relief Sought**Stakeholders' Comments**

The stakeholder submitted that:

1. Direct the Petitioner to:
 - Remove unserviceable/condemned assets from GFA;
 - Exclude generation-related R&M, A&G, and employee costs from distribution ARR;
 - Commission an independent audit of cost structures, including hinterland generation costs;
 - Implement cost-optimisation measures (Time-of-Day tariffs, voltage rebates, accelerated renewable integration).
2. Enforce the 23-hour/day supply standard before permitting full recovery of demand/fixed charges.

Petitioner's Response

The Petitioner has not submitted any response in the matter.

Commission's View

The Commission appreciates the concerns of the stakeholders. The Commission hereby clarifies that it has introduced ToD Tariff. As regards to the removal of unserviceable assets from the GFA, the Petitioner is directed to remove the historical/original cost of unserviceable assets from GFA in view of the fact that any asset not being put to use cannot qualify for allowance of RoE, interest on loan, depreciation, etc. on such unserviceable assets (Directive 1.11 of Chapter 8 of this order).

2.2.5 Effect of Tariff hike and comparison with other UTs**Stakeholders' Comments**

The Stakeholder submitted various issues regarding:

- The Petitioner is already reeling under heavy tariff for domestic, commercial and industrial compared to other Union Territories.
- The tariff of A&N Islands is very high. The power supply situation is pathetic in our Islands. Instead of resolving the issue of power failure in the Islands, The Petitioner is taxing the islanders for its inefficiencies.
- We are living in a very competitive world and tourism being the most important sector in our Islands. Taxing the Islands with such high tariff will make our tourism industry non-competitive as compared to other tourist destinations like Kerala, Goa etc. This will lead to closing of Hotels and reduction in employment opportunities
- The Congress Party has raised this issue in various platforms but the department gave a deaf ear on huge electricity tariff. We understand that tourism industry cannot survive with this electricity tariff and it will have direct effect on the employment in private sector.
- The department instead of augmenting the electricity supply and try to increase the efficiency, try to be proactive, is time and again increasing the electricity tariff which will be beyond the reach of a common man.
- Further, the domestic tariff of A&N Islands as compared to other states is very high, so the proposal is unwanted and untenable and the Congress Party has strong objection over this hike without any consultation with the stakeholders.

In view of the above, we have strong objection in the tariff increase and urge the Petitioner to immediately reconsider and withdraw the proposed tariff hike. Instead of burdening the residents and stakeholders, especially at a time when the quality of power supply remains unsatisfactory, the focus should be on improving service delivery, reducing transmission losses, and ensuring accountability within the system. Also, the department has to increase the efficiency which will ensure decrease in tariff.

Petitioner’s Response

The Petitioner has submitted that:

- The comparison with grid-connected UTs such as Delhi, Puducherry, or Ladakh is not appropriate. These UTs have access to cheaper grid power from coal, hydro and renewables. In contrast, A&N Islands are completely isolated and rely primarily on diesel-based generation, which is inherently costlier. Even so, a large part of the cost is absorbed by Government subsidy, ensuring consumers pay significantly less than the actual cost of supply.
- The Department strongly denies the claim that tariff revisions are due to inefficiency. The gap between ARR and RR has been increasing over the years, and without rationalisation, it would place an unsustainable burden on the UT budget. Far from “taxing the islanders,” the Department has been absorbing more than 40–50% of the cost through subsidy, shielding consumers from full cost recovery.
- The tariff proposal has been placed before the Commission, and all stakeholder objections-including those of political parties, associations, and individual consumers-are duly recorded, considered. Hence, the allegation of ignoring stakeholders is baseless.

Commission’s View

The Commission noted the suggestions of the Stakeholders and the response of the Petitioner.

2.2.6 Category change

Stakeholders’ Comments

1) The Stakeholder (Hoteliers Association of Andaman & Nicobar Islands) has raised strong objections to the proposed steep hike in electricity tariffs for the hotel sector, citing both economic and regulatory grounds. The association points out that the proposed increase from ₹17.75/unit to ₹23.60/unit in FY 2025–26, and further up to ₹33.50/unit by FY 2029–30, is excessive and unsustainable, especially given the industry is still recovering from the severe impacts of the COVID-19 pandemic. The tariff hike is seen as a violation of Regulation 67(4)(e) of the JERC MYT Regulations, 2018, which mandates that consumers should not be subjected to tariff shocks.

Furthermore, the association highlights that despite clear and repeated orders from the JERC and the Calcutta High Court, the Petitioner continues to charge hotels under the commercial category instead of the industrial category, in direct violation of binding legal directions. This has led to multiple ongoing contempt and penalty proceedings. The proposed restructuring of consumption slabs-from four to three-places even small-scale hotel operators in the highest slab, increasing their operational burden.

The association argues that the Petitioner has failed to provide adequate justification or cost transparency for the hike and continues to rely on inefficient, high-cost diesel-based power generation instead of exploring renewable and sustainable energy sources suited to the island’s geography. Additionally, the proposed rates are significantly higher compared to those in other Union Territories, making the island less competitive as a tourism destination. If implemented, this hike would harm the hotel and tourism industry, lead to closures, reduce employment, and damage the overall economy of the islands.

2)

High Commercial Tariff Burden on Fisheries Units:

- Fisheries-based units in A&N Islands (e.g., cold storage facilities, ice plants) established under schemes like the Pradhan Mantri Matsya Sampada Yojana (PMMSY) are currently being charged commercial electricity tariffs.
- This creates a significant operational burden, making such ventures financially unviable.

Parity with Agriculture Sector Needed:

- The fisheries sector is a primary livelihood source in the islands, similar in nature to agriculture.
- The request is to bring fisheries infrastructure (cold chains, hatcheries, ice plants, etc.) under the same subsidized electricity category as agriculture, to ensure parity and promote growth.

Impact on Investment & Development:

- Due to the high cost of electricity, new entrepreneurs are reluctant to invest in fisheries-related infrastructure despite multiple schemes being promoted by the Ministry of Fisheries.
- This affects the implementation of PMMSY, and other central initiatives aimed at uplifting fishermen communities.

3) The core issue involves the reclassification of certain MSME units, such as ice candy manufacturing, from the industrial to commercial electricity tariff category by the Electricity Department in Andaman & Nicobar Islands. This has led to significantly higher power bills for small businesses, despite the matter being under review for potential relief under government schemes like PMMSY. Affected consumers argue the reclassification is unjustified and financially burdensome and seek interim relief by continuing under the industrial category until a final decision is made.

Petitioner's Response

The Petitioner has submitted that:

1)

- The issue regarding categorisation of Hotels under Industrial vs. Commercial is sub judice. The Department has already preferred appeals before the Hon'ble APTEL (DFR Nos. 322/2021, 417/2021, 419/2021), where the matter is pending adjudication. In the absence of a final binding ruling, the Department has continued to follow its uniform tariff structure to avoid creating further regulatory uncertainty. Therefore, the allegation of "willful disobedience" is not tenable, as the matter remains under judicial consideration.
- The increase is driven by the unprecedented gap between Average Cost of Supply (ACoS) and Average Revenue Realised (ARR). Presently, the Government continues to absorb over 45–50% of actual cost through subsidy support. The tariff rationalisation is in line with the Regulations, which require progressive reduction of the revenue gap and recovery of prudent costs.
- The Department has purposely staggered, instead of recovering the entire gap in a single year. This staggered trajectory precisely avoids tariff shock, while moving gradually towards cost recovery as mandated by the Commission.
- The restructuring of slabs is aligned with the JERC Retail Supply Tariff Structure Guidelines, 2024, which emphasize rationalisation, simplification, and uniformity across consumer categories. The intent is not to penalise small establishments but to bring parity and remove artificial distortions that were causing cross-burdening.
- Direct comparison with UTs like Chandigarh, Puducherry, or Goa is misleading. These territories are grid-connected to the national transmission system and source power from large-scale coal, hydro, and renewable stations at much lower costs. By contrast, A&N Islands are diesel-based, decentralised, isolated systems, with high logistic and fuel costs. This geographic isolation is the primary factor driving higher tariffs, not inefficiency alone.
- The Department appreciates the constructive suggestions regarding geothermal and tidal. Department under MNRE are exploring all the available avenues under renewable source of energy. Feasibility of other innovative technologies will be examined in consultation with technical agencies.
- It is respectfully submitted that, even under the proposed tariff structure, the realized average revenue remains substantially below cost of supply, necessitating continued reliance on UT grant. The tariff trajectory is not intended to burden consumers but to gradually rationalize categories in line with cost-reflectivity.
- On the allegation of violation of Regulation 67(4)(e) of JERC MYT Regulations, 2018 (tariff shock): The proposal has been consciously designed as a five-year path, avoiding any one-time sudden hike and to decrease a gap between ARR- ABR. Further, it is reiterated that even the highest proposed tariff (Rs. 33.50/unit by FY 2029-30) remains below the actual average cost of supply.

2)

- On restructuring of slabs for LT categories (from four slabs to three): The above restructuring is as per the JERC (Retail Supply Tariff Structure) Guidelines, 2024.
- JERC in its JERC (Retail Supply Tariff Structure) Guideline 2024 has already attended to this issue and categorized Fisheries activities under the Agriculture category.

3) It is submitted that the categorization of consumer connections is carried out strictly in accordance with the provisions of the Tariff Order dated 13.06.2024 issued by the JERC.

Further, the matter raised by the complainant has already been examined by the CGRF, A&N Islands and subsequently by the Electricity Ombudsman, which, after due consideration of submissions of both sides, passed its order dated 06.01.2025. The Ombudsman, while upholding the action of the Department, has specifically observed that the categorization of such connections has been done in compliance with the JERC Tariff Order dated 13.06.2024.

Commission's View

The Commission has noted the comments of the Stakeholder and the replies of the Petitioner and directs the Petitioner to explore all the available avenues under Renewable sources of energy such as geothermal, tidal, biomass, wind, solar including floating solar and submit a study report in the first quarter of FY 2026-27.

2.2.7 Finalization of a Central Subsidy Structure

Stakeholders' Comments

The Stakeholder submits that

- The Petitioner's electricity system is almost entirely dependent on high cost diesel-based generation, with delivered fuel costs exceeding Rs 85-95 per litre.
- Actual cost of generation is Rs 22-Rs 28 per unit, far above the national average.
- Any immediate tariff hike without parallel central subsidy support would cause severe economic distress to households, small businesses, tourism operators, and fisheries.
- Discussions are already being initiated with the Hon'ble Prime Minister and Hon'ble Home Minister to secure a dedicated central grant to offset these structural cost disadvantages.

Petitioner's Response

The Petitioner has submitted that:

1. It is acknowledged that the A&N Islands face a unique disadvantage due to near-complete dependence on diesel-based generation, with high fuel costs translates into a very high cost of generation, which is far above the national average.
2. The UT Administration has already taken up the matter with the MoP, etc. for securing a dedicated central subsidy/grant support to offset these structural challenges.

Commission's View

The Commission has noted the suggestions of the stakeholders and the Petitioner's response in this regard.

Chapter 3: True-up of the FY 2021-22

3.1 Background

The MYT Order for 2nd Control Period was issued by the Commission on 20th May 2019 (for FY 2019-20 to FY 2021-22) approving the Aggregate Revenue Requirement (ARR) for 2nd Control Period and Determining the Retail Supply Tariff for FY 2019-20. Subsequently, the Commission approved Annual Revenue Requirement (ARR) for FY 2021-22 in its order dated 31st May 2021 while approving the retail supply tariff for FY 2021-22. Thereafter, the Commission approved Annual Performance Review (APR) for FY 2021-22 in its order dated 1st August 2022.

Further the Petitioner had filed the True-up for FY 2021-22 in the Petition No. 119/ 2023. The aforesaid petition was admitted on 03.01.2024 and public hearing was held on 24.01.2024, 25.01.2024 & 27.01.2024. The Commission has noted that the Petitioner had requested for True-up of FY 2021-22 based on annual audited accounts for FY 2021-22. The Petitioner had submitted details of the expenditure and the revenue for the year based on its audited accounts along with comparison of the actual revenue and expenditure against the corresponding figures previously approved by the Commission in the ARR order dated 31st May 2021 of FY 2021-2022.

The Commission had analysed various elements of the actual revenue and expenses for the FY 2021-22 based on the audited accounts, energy audit report, Fixed Asset register submitted by the Petitioner, raised various queries in deficiency notes, which were shared with the Petitioner. The Petitioner could not submit all the replies on deficiencies pointed out in the deficiency notes. Subsequently in TVS, the Commission raised query regarding Power Purchase and Fuel cost, reconciliation of fixed cost paid to various generators during FY 2020-21. The Petitioner submitted its response on 3rd June 2024. However, the Commission did not find the reply submitted by the Petitioner adequate enough for carrying out truing up of the petition correctly and justifiably.

As Power Purchase and Fuel Cost are the major contributor in ARR, the Commission had decided not to take up the True-up for the FY 2021-22 in order, without proper reconciliation of power purchase and fuel cost and may issue True-up order separately after receipt of the required informations. Hence, the Commission decided not to carry out the true-up for the FY 2021-22 and directed the Petitioner to submit a separate petition for True- up for FY 2021-22. Accordingly, the Commission directed the petitioner vide letter dated 08.09.2025 to file a separate petition for True-up of FY 2021-22 or file an Interlocutory Application (IA) for consideration of the True-up of FY 2021-22 in the Petition No. 151/2025.

Subsequently, the Petitioner has filed IA in this current petition (Petition No.: 151/2025) for True-up of FY 2021-22. The Commission has conducted hearing dated 15.10.2025 and admitted and allowed the IA as IA No.: 02/2025 and vide Interim Order dated 21.10.2025, disposed off the IA for considering the True-up of FY 2021-22 along with Petition No. 151/2025.

The Commission, now, in this Chapter carries out the True-up of FY 2021-22 in accordance with the principles laid down in the “Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2018”, (hereinafter referred to as JERC MYT Regulations, 2018). The True up for the FY 2021-22 has to be carried out in accordance with Regulation 11 of the “JERC MYT Regulations, 2018”, which states as follows:

“11. Annual Performance Review, Truing-up, and tariff determination during the Control Period

11.1 The Generating Company, Transmission Licensee and Distribution Licensee shall be subject to annual performance review and truing up of expenses and revenue during the Control Period in accordance with these Regulations.

11.2 The Generating Company, Transmission Licensee and Distribution Licensee shall file an application for the annual performance review of the current year, truing up of the previous Year or the Year for which the audited accounts are available and determination of tariff for the ensuing Year on or before 30th November of each Year, in formats specified by the Commission from time to time:

Provided that the Generating Company, Transmission Licensee or Distribution Licensee, as the case may be, shall submit to the Commission information in such form as may be specified by the Commission,

together with the audited accounts, extracts of books of account and such other details as the Commission may require to assess the reasons for and extent of any variation in financial performance from the approved forecast of Aggregate Revenue Requirement and Expected Revenue from Tariff and Charges.

11.3 The scope of the annual performance review, truing up and tariff determination shall be a comparison of the performance of the Generating Company, Transmission Licensee or Distribution Licensee with the approved forecast of Aggregate Revenue Requirement and Expected Revenue from Tariff and Charges and shall comprise of the following:

- a) True-up: a comparison of the audited performance of the Applicant for the Financial Year for which the true up is being carried out with the approved forecast for such previous Financial Year, subject to the prudence check.
- b) Annual Performance Review: a comparison of the revised performance targets of the Applicant for the current Financial Year with the approved forecast in the Tariff Order corresponding to the Control Period for the current Financial Year subject to prudence check;
- c) Tariff determination for the ensuing Year of the Control Period based on the revised forecast of the Aggregate Revenue Requirement for the Year;
- d) Review of compliance with directives issued by the Commission from time to time;
- e) Other relevant details, if any.

11.4 Upon completion of the exercise, the Commission shall attribute any variations or expected variations in performance for variables specified under Regulation 12 below, to factors within the control of the Applicant (controllable factors) or to factors beyond the control of the Applicant (uncontrollable factors): Provided that any variations or expected variations in performance, for variables other than those specified under Regulation 12 below shall be attributed entirely to controllable factors.

11.5 Upon completion of the exercise, the Commission shall pass an order recording:

- a) Components of approved cost pertaining to the uncontrollable factors, which were not recovered during the previous Year, to be passed through in tariff as per Regulation 13 of these Regulations: Provided that, for a Generating Company, the above exercise shall be in accordance with prevalent CERC Tariff Regulations.
- b) Approved aggregate gain or loss to the Transmission Licensee or Distribution Licensee on account of controllable factors, and the amount of such gains or such losses that may be shared in accordance with Regulation 14 of these Regulations: Provided that, for a Generating Company, the above exercise shall be in accordance with prevalent CERC Tariff Regulations.
- c) Carrying cost shall be allowed for a Generating Company, Transmission Licensee or Distribution Licensee on the amount of revenue gap for the period from the date on which such gap has become due, i.e., from the end of the Year for which true-up has been done, till the end of the Year in which it is addressed, on the basis of actual rate of loan taken by the Licensee to fund the deficit in revenue: Provided that carrying cost on the amount of revenue gap shall be allowed subject to prudence check and submission of documentary evidence for having incurred the carrying cost in the years prior to the year in which the revenue gap is addressed: Provided also that if no loan has been taken to fund revenue deficit, the Commission shall allow Carrying Cost on simple interest basis at one (1) Year State Bank of India (SBI) MCLR / any replacement thereof as notified by RBI for the time being in effect applicable for 1 Year period, as may be, applicable as on 1st April of the relevant Year plus 100 basis points; Provided further that in case of revenue surplus, the Commission shall charge the Licensee a Carrying Cost from the date on which such surplus has become due, i.e., from the end of the Year for which true up has been done, till the end of the Year in which it is addressed on simple interest basis at one(1) Year State Bank of India (SBI) MCLR / any replacement thereof as notified by RBI for the time being in effect applicable for 1 Year period, as may be, applicable as on 1st April of the relevant Year plus 100 basis points.
- d) Revision of estimates and tariff for the ensuing Financial Year.”

3.2 Approach for True-up for FY 2021-22

The Commission has noted that the Petitioner has requested for True-up of FY 2021-22 based on annual audited accounts for FY 2021-22. The Petitioner has submitted details of the expenditure and the revenue for the year based on its audited accounts along with a comparison of the actual revenue and expenditure against the corresponding figures previously approved by the Commission in the ARR order dated 31st May 2021.

The Commission has analysed various elements of the actual revenue and expenses for the FY 2021-22 based on the audited accounts, energy audit report, and replies to the various queries submitted by the Petitioner.

3.3 Energy Sales

Petitioner's Submission

The Petitioner has submitted the total quantum of energy sales for FY 2021-22 as 265.68 MUs in the Petition as against an approved energy sales quantum of 242.5 MUs in the ARR Order dated 31st May 2021.

Commission's Analysis

The Commission notes that Regulation 12.1 of the JERC MYT Regulations, 2018 provides the following:

"12.1 For the purpose of these Regulations, the term "uncontrollable factors" for a Transmission or Distribution Licensee shall comprise of the following factors, which were beyond the control of the Licensee, and could not be mitigated by the Licensee:

- a) Force Majeure events;*
- b) Change in Law, judicial pronouncements and Orders of the Central Government, State Government or Commission;*
- c) Variation in the number or mix of Consumers or quantities of electricity supplied to Consumers;*
- d) Transmission loss;*
- e) Variation in the cost of power purchase due to variation in the rate of power purchase from approved sources, subject to clauses in the power purchase agreement or arrangement approved by the Commission;*
- f) Variation in fuel cost;*
- g) Change in power purchase mix;*
- h) Inflation;*
- i) Transmission Charges for a Distribution Licensee;*
- j) Variation in market interest rates for long-term loans;*
- k) Employee expenses limited to one time payment owing requirements of a pay commission and terminal liability of employees;*
- l) Taxes and Statutory levies;*
- m) Taxes on income;*
- n) Income from the realisation of bad debts written off;*

Provided that where the Applicant believes, for any variable not specified above, that there is a material variation or expected variation in performance for any Financial Year on account of uncontrollable factors, such Applicant may apply to the Commission for inclusion of such variable at the Commission's discretion, under this Regulation for such Financial Year:

Provided further that the uncontrollable factors for a Generating Company shall be as specified in the prevalent CERC Tariff Regulations."

The Commission notes that as per the above provision, the variation in the number or mix of Consumers as well as quantities of electricity supplied to Consumers is uncontrollable. The Commission approves the actual Energy Sales as mentioned in the energy Audit report submitted by the Petitioner for FY 2021-22. The table given below provides the energy sales approved by the Commission in the Tariff Order dated 31st May 2021, the Petitioner's submission and the quantum of energy sales now trued-up by the Commission.

Table 8: Energy Sales (MUs) Trued- up by the Commission for FY 2021-22

Sr. No.	Category	Approved in ARR order dated 31 st May, 2021	Petitioner's Submission	Trued-up by the Commission
1.	Domestic	147.98	155.95	155.38
2.	Commercial	47.18	60.93	99.44
3.	Industrial	9.7	11.17	
4.	Bulk Supply	30.46	29.27	
5.	Irrigation Pumps & Agriculture	-	1.41	1.40
6.	Electric Vehicle	1.03	1.47	8.82
7.	Public Lighting	6.15	5.46	
8.	Others			
Total Sales		242.5	265.68	265.03

The Commission observes that the Sales as per the Energy Audit Report is in variance to the Petitioner's submission. It is mentioned as 265.03 MUs against 265.68 MUs as submitted by the Petitioner. Accordingly, relying on the Energy Audit Report which is a third party report, the Commission approves Energy Sales of 265.03 MUs for True-Up of FY 2021-22.

3.4 Intra-State Transmission and Distribution (T&D) loss

Petitioner's Submission

The Petitioner has submitted that it has achieved an Intra-State T&D loss of 19.45% in the FY 2021-22 against the target of 13.34% provided in ARR order dated 31st March 2021 for FY 2021-22.

Commission's Analysis

The Petitioner has submitted the Energy Sales as 265.68 MUs, and the Energy Audit report for FY 2021-22 has sales of 265.03 MUs. The Commission has considered the approved energy sales of 265.03 MUs and T&D loss as 63.75 MUs as per the Energy Audit Report. Based on information available in the Energy Audit report and actual sales, the Commission determined the T&D losses as below:

Table 9: Intra-State Transmission and Distribution (T&D) losses for FY 2021-22

Sr. No.	Particulars	Trued-up by the Commission
1.	Energy Sales within the UT (MUs)	265.03
2.	Energy Available at UT Periphery	328.77
3.	T&D losses (MUs) (2-1)	63.75
4.	T&D Loss (%)	19.39%

The table below provides the Intra-State T&D loss approved in the ARR of FY 2021-22, Petitioner's submission and as approved by the Commission now.

Table 10: Proposed and approved Intra-State transmission and distribution loss (%) for FY 2021-22

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission	Trued-up by the Commission
1.	T&D Losses (%)	13.34%	19.46%	19.39%

Since, the Petitioner has not been able to achieve the Intra-State T&D loss target (i.e. 13.34%) for the year, the disincentive for the same has to be borne by the Petitioner in accordance with Regulation 14.2 of the "JERC MYT Regulations, 2018", which is reproduced below:

“14.2 Approved aggregate loss, if any to the Transmission Licensee or Distribution Licensee on account of controllable factors shall be on account of the Licensee, and shall not be passed to the Consumers”

The Commission, while truing up for FY 2021-22, has considered the actual Intra-State T&D loss of 19.39% for the FY 2021-22. The applicable dis-incentive in this regard has been considered in Section 3.19.

3.5 Energy Balance

Petitioner’s Submission

The information regarding Energy requirement and Energy availability, submitted by the Petitioner are as follows.

Table 11: Energy Balance (MUs) submitted by Petitioner for FY 2021-22

Sr. No.	Particulars	Petitioner’s Submission
A.	Energy Requirement (MUs)	
1.	Total Sales within UT	265.68
2.	Transmission & Distribution Losses (%)	19.45%
	Transmission & Distribution Losses (MUs)	64.17
3.	Total Energy Requirement (for sale to retail consumers)	329.84
B.	Energy Availability at Periphery	
1.	Power Purchase	247.95
2.	Own Generation	81.89
3.	Total Energy Availability	329.84
C.	Total shortfall/(Surplus)	0.00

Commission’s analysis

The information submitted by the Petitioner on Power Purchase Quantum has been examined and accordingly the energy balance for the FY 2021-22 is derived. The Commission has considered the energy availability as per the Energy Audit Report which is in variance with that submitted by the Petitioner. The following table provides the energy balance approved in the ARR of the FY 2021-22, the Petitioner’s submission and now trued-up by the Commission.

Table 12: Energy Balance (MUs) approved by the Commission for FY 2021-22

Sr. No.	Particulars	Approved in ARR order dated 31 st May, 2021	Petitioner’s Submission	Trued-up by the Commission
A.	Energy Requirement (MUs)			
1.	Total Sales within UT	242.50	265.68	265.03
2.	Transmission & Distribution Losses (%)	13.34%	19.45%	19.39%
3.	Transmission & Distribution Losses (MUs)	37.33	64.17	63.75
4.	Total Energy Requirement (for sale to retail consumers)	279.83	329.84	328.77
B.	Energy Availability at Periphery (MUs)			
1.	Power Purchase (MUs)	257.48	247.95	247.95
2.	Own Generation (MUs)	98.92	81.89	80.82
3.	Total Energy Availability	356.40	329.84	328.77
C.	Total shortfall/(Surplus)	76.57	0.00	0.00

3.6 Power Purchase Quantum & Fuel Cost

Petitioner's Submission:

The Petitioner has submitted that the energy requirement of Electricity Department of Andaman & Nicobar Islands is met from own generation & power purchase from the IPPs. There is no availability of power from Central Generating Stations or from other sources/ open market/ power exchanges etc.

The Petitioner has submitted the actual cost of fuel and also cost of power purchase from various IPPs and other generators as per Audited Accounts for FY 2021-22 in the table below:

Table 13: Fuel Cost & Power Purchase cost for the FY 2021-22 (Rs. Crores) as submitted by the Petitioner

Sr. No.	Particulars	Petitioner's Submission
1	Cost of fuel	857.39
2	Cost of power purchase	37.65
	Total	895.04

The details of Energy Generation from various power plants as submitted by the Petitioner are as follows:

Table 14: Details of power generated from the various Power generating Stations as submitted by the Petitioner

Sr. No.	Particulars	Power Generated (MUs)
A.	Own (HSD) Generation	69.20
B.	Hired Power Plant (HSD) Generation	
1	HPP (NBEW-Old)	37.10
2	HPP (Sudhir consortium)	52.03
3	HPP NTPC (Aggreko)	43.01
4	HPP NTPC (Express Engg.)	66.80
5	HPP (NBEW - New)	12.38
6	DG Power Plant at Shaheed Dweep	3.85
7	DG Power Plant at Swaraj Dweep	0.70
8	HPP (Express Engg.) Mayabundar	9.45
9	HPP (Express Engg.) Baratang	1.30
10	HPP (Express Engg.) Gandhi Nagar	0.10
11	HPP (Express Engg.) Ganesh Nagar	0.07
12	HPP (Express Engg.) Shanti Nagar	0.05
13	HPP (Express Engg.) Sagar Dweep (Smith Island)	0.07
	Total Power Generation (Hired Power Plant)	226.91
C.	Hydro Power Plant (Kalpong Hydro Electric Project, (KHEP))	12.69
D.	Solar Power Plant (Own)	
1	Raj Niwas	0.004
2	Neil (Saheed Deep)	-
	Total Power Generation (SPP, Own)	0.004
E.	Solar Power Plant (Independent Power Producer)	
1	NTPC GM Solar PV Plant	5.26

Sr. No.	Particulars	Power Generated (MUs)
2	SECI (Rooftop SPV) Port Blair	0.94
3	Mundra (Rooftop SPV) Port Blair	3.11
4	Mundra (Rooftop SPV) Car Nicobar	-
5	NLC Ground Mounted SPV Plant	11.71
6	Secretariat	0.03
Total Power Generation (SPP, IPP)		21.05
Total Power Generation (A+B+C+D+E)		329.84

Commission's analysis:

The Commission notes that the "JERC MYT Regulations 2018" stipulate that any variation in the cost of power generation and/or power purchase due to variation in the rate of power purchase from approved sources shall be treated as an "uncontrollable factor". Regulation 12.1 of the JERC MYT Regulations, 2018 stipulates the following:

"12.1 For the purpose of these Regulations, the term "uncontrollable factors" for a Transmission or Distribution Licensee shall comprise of the following factors, which were beyond the control of the Licensee, and could not be mitigated by the Licensee:

- a) Force Majeure events;*
 - b) Change in Law, judicial pronouncements and Orders of the Central Government, State Government or Commission;*
 - c) Variation in the number or mix of Consumers or quantities of electricity supplied to Consumers;*
 - d) Transmission loss;*
 - e) Variation in the cost of power purchase due to variation in the rate of power purchase from approved sources, subject to clauses in the power purchase agreement or arrangement approved by the Commission;*
 - f) Variation in fuel cost;*
 - g) Change in power purchase mix;*
 - h) Inflation;*
 - i) Transmission Charges for a Distribution Licensee;*
 - j) Variation in market interest rates for long-term loans;*
 - k) Employee expenses limited to one time payment owing requirements of a pay commission and terminal liability of employees;*
 - l) Taxes and Statutory levies;*
 - m) Taxes on income;*
 - n) Income from the realisation of bad debts written off;*
-"*

The Commission has observed that the Petitioner has claimed Rs. 37.65 Crores as "Power Purchase Cost". Therefore, the Commission has considered the fixed cost (inclusive of fixed cost Hired Power plants and IPP Solar power plants) as under Power Purchase Cost and approved Rs.37.65 Crores for various power plants as submitted by the Petitioner after prudence check from the audited accounts for FY 2021-22.

The Commission has also observed that the Petitioner has submitted different SFC of HSD and Lube oil for various IPPs and HPPs vis-à-vis the values approved by the Commission in the MYT Order dated 20th May 2019 and PPA for Hired Power Plant. Further, in response to the Commission's specific query regarding the methodology for computation of fuel cost, the Petitioner has submitted only the sample bills for HSD and Lube oil during FY 2021-22.

The Commission, based on the sample bills submitted by the Petitioner in reply to deficiency note, determines the per litre cost of HSD and per litre cost of Lube oil as Rs. 79.94/ Litre and Rs. 201.67/ Litre, respectively. The Commission finds it prudent to consider the specific fuel consumption (SFC) as approved in the MYT order for own generation projects, in case of true-up of FY 2021-22. For IPPs, HSD projects, the SFC values as given in PPAs are considered while finalising the true-up for FY 2021-22.

However, as the SFC of HSD is not provided in PPA of the plants for HPP (Express Engg.) Gandhi Nagar, Ganesh Nagar, Shanti Nagar and Sagar Dweep, the Commission raised a query regarding the SFC of the Plants in 1st & 2nd deficiency note and the Petitioner was not able to submit SFC for these plants. So, the Commission considered the SFC of HSD for aforesaid plants equivalent to SFC of HSD approved for own generation Plants in MYT order dated 20th May 2019.

Based on the above approach, the Commission approves the following fuel cost for HSD based own generation plants and fuel cost for hired power plants:

Table 15: Power Purchase cost, Quantum and variable cost approved by the Commission for FY 2021-22

Particulars	Units generated (MUs)	SFC of HSD (ml./ kWh)	Per Litre cost of HSD (Rs./ Litre)	Total Cost of HSD (Rs. Crores.)	SFC of Lube (ml./ kWh)	Per Litre cost of Lube oil (Rs./Litre)	Total cost of Lube (Rs. Crores)	Total Cost of Fuel (Rs. Crores)
Own Generation (HSD)	68.12	304	79.94	165.55	0.98	201.67	1.35	166.90
HSD based Hired Power Plants (HPP)								
HPP (NBEW-Old)	37.10	270	79.94	80.00	-	-	-	80.00
HPP (Sudhir consortium)	52.03	270	79.94	112.31	-	-	-	112.31
HPP NTPC (Aggreko)	43.01	263	79.94	90.44	-	-	-	90.44
HPP NTPC (Express Engg.)	66.80	270	79.94	144.19	-	-	-	144.19
HPP (NBEW - New)	12.38	270	79.94	26.72	-	-	-	26.72
DG Power Plant at Shaheed Dweep	3.85	270	79.94	8.31	-	-	-	8.31
DG Power Plant at Swaraj Dweep	0.70	270	79.94	1.51	-	-	-	1.51
HPP (Express Engg.) Mayabundar	9.45	270	79.94	20.39	-	-	-	20.39
HPP (Express Engg.) Baratang	1.30	263	79.94	2.72	-	-	-	2.72
HPP (Express Engg.) Gandhi Nagar	0.10	304	79.94	0.25	-	-	-	0.25
HPP (Express Engg.) Ganesh Nagar	0.07	304	79.94	0.19	-	-	-	0.19
HPP (Express Engg.) Shanti Nagar	0.05	304	79.94	0.12	-	-	-	0.12
HPP (Express Engg.) Sagar Dweep (Smith Island)	0.07	304	79.94	0.16	-	-	-	0.16
Total- HSD based Hired Power Plants (HPP)	226.91			487.37				487.37
Total HSD based Hired	295.03			652.92			1.35	654.27

Particulars	Units generated (MUs)	SFC of HSD (ml./ kWh)	Per Litre cost of HSD (Rs./ Litre)	Total Cost of HSD (Rs. Crores.)	SFC of Lube (ml./ kWh)	Per Litre cost of Lube oil (Rs./Litre)	Total cost of Lube (Rs. Crores)	Total Cost of Fuel (Rs. Crores)
Power Plants (HPP), & Own Power Plants								

The Commission observed that prior period outstanding dues towards IOCL were understated by Rs 156.76 Crore and has been booked in Power Purchase expenses. The Commission allowed Rs 156.76 Crore of prior period IOCL expenses.

The Petitioner was asked to submit plant-wise reconciliation of Power Purchase Cost, but the Petitioner failed to submit the required information. So, the Commission considered the Power Purchase Cost as per audited accounts submitted by the Petitioner.

The details of Power Purchase cost and fuel cost are below:

Table 16: Details of Total Power Availability (MUs), Power Purchase Cost (Rs. Crores), Fuel Cost (Rs. Crores) for FY 2021-22

Sr. No.	Particular	Power Generated (MUs)	Total Cost of Power (Rs. Crores)	
			Power Purchase Cost (Fixed Cost) (Rs. Crores)	Total Fuel Cost (HSD & Lube oil), (Rs. Crores)
A.	Own (HSD) Generation	68.12	-	166.90
B.	Hired Power Plant (HSD) Generation	226.91	37.65	525.02 (487.37+37.65)
C.	Solar Power Plant (Independent Power Producer)	21.05		
D.	Solar Power Plant (Own)	0.004	-	-
E.	Hydro Power Plant (Kalpong Hydro Electric Project, (KHEP))	12.69	-	-
F.	Prior Period Power Purchase expenses			156.76
Total (A+B+C+D+E+F)		328.77	37.65	848.68

Table 17: Power purchase quantum (MU) and Cost (INR Crore) approved by the Commission for FY 2021-22

Sr. No.	Particulars	Approved in ARR order dated 31 st May, 2021	Petitioner's Submission	Trued-up by the Commission
1.	Total Own (own HSD, Solar, Hydro) Generation (MUs)	98.92	81.89	80.82
2.	Power Purchase (HSD based HPP & IPP Solar) (MUs)	257.48	247.95	247.95
Energy Availability (MUs)		356.40	329.84	328.77

Sr. No.	Particulars	Approved in ARR order dated 31 st May, 2021	Petitioner's Submission	Trued-up by the Commission
1.	Fuel Cost (Rs. Crores)	474.27	857.39	654.27
2.	Power Purchase Cost (Fixed Cost) (Rs. Crores)		37.65	37.65
3.	Prior Period Power Purchase expenses			156.76
Total Power Purchase Cost (Rs. Crores)		474.27	895.04	848.68

The approved cost towards diesel-based generation consists of cost incurred towards consumption of HSD oil and Lube oil only. The fixed cost incurred against own generation (i.e. O&M expenses, interest and finance charges, depreciation, interest on working capital etc.) has been considered for the department as a whole, as the cost of DG sets is part of Gross Fixed Assets. On the similar line, no separate fixed cost has been approved for own renewable based generation also.

Accordingly, no separate cost has been approved for own renewable based generation. Therefore, the Commission approves the overall power generation cost Rs. 848.68 Crores, which is inclusive of power purchase cost of Rs. 37.65 Crores, Fuel cost of Rs. 654.27 Crores and Prior period expenses of Rs 156.76 Crore in the True-up of FY 2021-22.

3.7 Renewable Purchase Obligation (RPO)

Petitioner's Submission

The Petitioner has not submitted any information in the petition regarding Renewable Purchase obligation (RPO).

Commission's analysis

The Commission notes that as per Clause 1, Sub-clause (1) of the JERC for the State of Goa and UTs (Procurement of Renewable Energy) Regulations, 2010:

"Each distribution licensee shall purchase electricity (in kWh) from renewable energy sources, at a defined minimum percentage of the total consumption of all the consumers in its area during a year."

The Commission notified the JERC (Procurement of Renewable Energy), (Third Amendment) Regulations, 2016 on 22nd August 2016 and revised the RPO targets, according to which the Petitioner had to purchase 17.00% of its total consumption (including 8.00% from Solar & 9.00% from Non-solar sources) from renewable sources for the FY 2021-22.

For the FY 2021-22, the Petitioner had a standalone target of 42.93 MUs comprising of 20.20 MUs solar and 22.73 MUs non-solar. As against the compliance the Petitioner has only been able to meet 21.02 MUs of solar power & 13.15 MUs from non-solar power plants (as submitted by the Petitioner in Sua Moto Hearing on 29th November 2022 (for Andaman & Nicobar, Puducherry, and Lakshadweep)), thereby resulting into a shortfall of 8.75 MUs in achieving overall RPO target for FY 2021-22.

Based on the above, the Commission has computed the standalone RPO compliance for FY 2021-22 as shown in the following table:

Table 18: Cumulative RPO Compliance Trued-up by the Commission for FY 2021-22

Sr. No.	Particulars	FY 2021-22
1	Solar Target	8.00%
2	Non-Solar Target	9.00%
3	Total Target	17.00%
4	Sales Within UT (MUs)	265.04
5	RPO Target (MUs)	
5(a).	Solar ((MUs))	21.20
5(b).	Non-Solar (MUs)	23.85
	Total RPO Target (MUs)	45.06
6	RPO Compliance, (Actual Purchase), (MUs)	
6(a).	Solar (MUs)	21.05
6(b).	Non-Solar (MUs)	13.15
	Total RPO Compliance (Actual Purchase), (MUs)	34.20
7	RPO Compliance (REC Certificate Purchase), (MUs)	
7(a).	Solar (MUs)	0.00
7(b).	Non-Solar (MUs)	0.00
	Total RPO Compliance (REC Certificate) (MUs)	0.00
8	RPO Compliance (REC + Actual) (MUs)	
8(a).	Solar (MUs)	21.05
8(b).	Non-Solar (MUs)	13.15
	Total RPO Compliance (REC + Actual) (MUs)	34.20
9	Net Shortfall/(Surplus) (MUs) for this year	10.85
10	Cumulative Shortfall (MUs) in RPO Compliance till current year	26.32

The Commission notes that there is a net shortfall in RPO compliance for FY 2021-22 (standalone of 10.85 MUs and cumulative of 26.32 MUs).

3.8 Operation & Maintenance Expenses

The Operation & Maintenance Expenses comprise of the Employee Expenses, Administrative and General Expenses (A&G) and the Repair & Maintenance Expenses (R&M). The JERC MYT Regulations, 2018 considers the variation of O&M Expenses, except to the extent of inflation, to be controllable. Regulation 12.2 of the JERC MYT Regulation, 2018 states the following:

“For the purpose of these Regulations, the term “controllable factors” for a Transmission or Distribution Licensee shall comprise of the factors which were within the control of the Licensee, shall inter-alia include:

- a) Variations in capitalisation on account of time and/or cost overruns/ efficiencies in the implementation of a capital expenditure project not attributable to an approved change in scope of such project, change in statutory levies or force majeure events;*
- b) Variation in Interest and Finance Charges, Return on Equity, and Depreciation on account of variation in capitalisation, as specified in clause (a) above;*
- c) Variations in technical and commercial losses of Distribution Licensee;*
- d) Availability of transmission system;*
- e) Variations in performance parameters;*
- f) Failure to meet the standards specified in the Joint Electricity Regulatory Commission for the State of Goa & UTs (Standard of Performance for Distribution Licensees) Regulation, 2015, as amended from time to time;*
- g) Variations in labour productivity;*
- h) Variation in O&M Expenses, except to the extent of inflation;*

i) Bad debts written off, in accordance with the provisions of Regulation 62:

Provided further that the controllable factors for a Generating Company shall be as specified in the prevalent CERC Tariff Regulations.....”

Therefore, any variation in O&M Expenses is attributable to the Petitioner is not passed on in the ARR, other than any cost which is beyond the control of the Petitioner. Further Regulations 60.6 provides as follows:

“60. Operation and Maintenance (O&M) expenses for Retail Supply Business

....

60.6 For the purpose of estimation, the same value of factors – CPIinflation and WPIinflation shall be used for all Years of the Control Period. However, the Commission shall consider the actual values of the factors – CPIinflation and WPIinflation during the truing up exercise for the Year for which true up is being carried out and true up the O&M Expenses for that Year, only to the extent of inflation.”

(Emphasis supplied)

Further, Regulation 14 of the JERC MYT Regulations, 2018 stipulates the following:

“14. Mechanism for sharing of gains or losses on account of controllable factors

14.1 Approved aggregate gain to the Transmission Licensee or Distribution Licensee on account of controllable

factors shall be shared equally between Licensee and Consumers:

Provided that the mechanism for sharing of gains or losses on account of controllable factors for a Generating Company shall be as specified in the prevalent CERC Tariff Regulations.

14.2 Approved aggregate loss, if any to the Transmission Licensee or Distribution Licensee on account of controllable factors shall be on account of the Licensee, and shall not be passed to the Consumers.”

In accordance with above Regulations, the Commission has approved the Employee Expenses, A&G Expenses and R&M Expenses as elaborated below:

3.8.1 Employee Expenses

Petitioner’s Submission

The Petitioner has submitted employee expenses of Rs. 146.97 Crores against the approved expenses of Rs. 123.33 Crores in the Tariff Order dated 31st March 2021.

Commission’s analysis

The Commission observes that the Petitioner has submitted employee expenses of Rs. 146.97 Cr. However, the Auditor in his note of audited accounts for FY 2021-22, has stated that an amount of Rs. 31.87 Lakhs which pertains to major expenditure on Hydel Generation, was included under the wages leading to excess booking, therefore, the same has been deducted from the approved Employee Expenses.

The Commission has noted that for calculation of base year expenses following provisions are provided in the JERC MYT Regulations, 2018:

“6. Values for Base Year

6.1 The values for the Base Year of the Control Period shall be determined on the basis of the audited accounts or provisional accounts of last three (3) Years, and other factors considered relevant by the Commission:

Provided that, in absence of availability of audited accounts or provisional accounts of last three (3) Years, the Commission may benchmark the parameters with other similar utilities to establish the values for Base Year:

Provided further that the Commission may change the values for Base Year and consequently the trajectory of parameters for Control Period, considering the actual figures from audited accounts.”

In accordance with JERC MYT Regulations, 2018, the Employee expenses shall be revised to the extent of change in inflation and growth rate during the control period.

The CPI Inflation rate, has been computed as follows:

Table 19: Computation of CPI Inflation (%)

FY	Average Value of CPI for FY	Increase in CPI Index	Applicable CPI
2020-21	338.70		
2021-22	356.10	5.13%	5.13%

The Growth rate has been computed as follows:

Table 20: Employee Growth Rate (Gn) for FY 2021-22

Sr. No.	Particulars	FY 2020-21	FY 2021-22
1.	Opening No. of Employees	1973	1921
2.	Closing No. of Employees	1921	1780
3.	Gn (Growth factor)		(-) 7.34%

Table 21 Computation of employee expenses

Sr. No.	Particulars	Employee Expenses for FY 2020-21	FY 2021-22
1.	Employee Expenses (n-1) year		92.37
2.	Growth in number of Employees (Gn)		-7.34%
3.	CPI Inflation for FY 2021-22		5.13%
4.	Re-estimated normative Employee Expenses	92.37	89.98

Table 22: Employee Expenses Trued-up by the Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May, 2021	Petitioner's Submission	Actual Employee Expenses	Trued-up by the Commission
1.	Employee Expenses	123.33	146.97	146.65	89.98

As the actual employee expenses submitted by the Petitioner are more than trued-up employee expenses, the Commission approves the normative Employee Expenses of Rs. 89.98 Crores in the True-up of FY 2021-22.

3.8.2 Administrative and General (A&G) Expenses

Petitioner's Submission:

The Petitioner has submitted the actual A&G expenses of Rs. 2.54 Crores as reflected in audited accounts against the approved expenses of Rs. 39.97 Crores for FY 2021-22 in the Tariff Order dated 31st March, 2021.

Commission's analysis

A&G expenses mainly comprise of rents, telephone and other communication expenses, professional charges, conveyance and travelling allowances, etc. As per the audited accounts submitted by the Petitioner, the A&G expenses are reflected as Rs. 2.54 Crores for FY 2021-22.

Similar to the methodology followed while estimating the employee expenses, the Commission has determined the normative A&G expenses for the FY 2021-22 using the CPI Inflation of FY 2021-22 to determine the normative A&G expenses for FY 2021-22.

The A&G expenses approved by the Commission in FY 2021-22 have been provided in the following table:

Table 23: Computation of CPI Inflation (%)

FY	Average Value of CPI for FY	Increase in CPI Index	Applicable CPI
2020-21	338.70		
2021-22	356.10	5.13%	5.13%

Considering the actual A&G Expenses for FY 2020-21 and CPI of FY 2021-22 the Commission re-estimated the normative A&G expense for FY 2021-22, details are below:

Table 24: A&G Expenses computation for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Actual A&G Expenses for FY 2020-21	FY 2021-22
1.	A&G Expense _{(n-1) year}		37.93
2.	CPI Inflation for FY 2021-22		5.13%
3.	Normative A&G Expenses	37.93	39.88

Table 25: A&G Expenses Trued-up by the Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May, 2021	Petitioner's Submission	Trued-up by the Commission
1.	A&G Expenses	39.97	2.54	39.88

As the actual Administrative & General (A&G) expenses submitted by the Petitioner are less than re-estimated normative A&G expenses, the Commission approves re-estimated normative Administrative & General (A&G) Expenses of **Rs. 39.88 Crores** in the True-up of FY 2021-22.

3.8.3 Repair and Maintenance (R&M) Expenses

Petitioner's Submission

The Petitioner has incurred R&M expenses of Rs. 36.21 Crores against the approved expenses of Rs. 54.69 Crores in for FY 2021-22 in the Tariff Order dated 31st March, 2021.

Commission's analysis

In accordance with the MYT Regulations, 2018, the R&M expenses has to be computed based on the 'K' factor as approved in the MYT Order.

The Commission would like to highlight that at the time of deciding the 'K' factor in the MYT Order, the Commission was only aware of GFA as per the provisional accounts, which were substantially lower than the GFA claimed in the true-up of FY 2020-21. **In true-up petition for FY 2020-21, the Petitioner had sought to revise the opening GFA as on FY 2020-21 based on the physical verification of assets and considering the assets created out of TRP fund.** However, the same was not acceded to by the Commission with detailed reasons given in the True-up order for FY 2020-21. Following the same methodology, the Commission finds it appropriate to consider the R&M expenses as per the actuals for trueing up during FY 2021-22.

Further as discussed, in the previous para 3.8.1, an amount of Rs. 31.87 lakhs was deducted from the Employee Expenses and to be considered into R&M expenses. Accordingly, the same has been added in the R&M expenses.

The R&M expenses approved by the Commission in FY 2021-22 have been provided in the following table:

Table 26: R&M Expenses Trued-up by the Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May, 2021	Petitioner's Submission	Actual R&M Expenses	Trued-up by the Commission
1.	Repair & Maintenance Expenses (R&M)	54.69	36.21	36.53	36.53

The Commission approves the actual Repair & Maintenance (R&M) of Rs. 36.53 Crores in the True-up of FY 2021-22.

Total Operation and Maintenance Expenses (O&M)

The following table provides the O&M expenses approved in the ARR of FY 2021-22, Petitioner's submission and now approved by the Commission in True-up of FY 2021-22.

Table 27: O&M Expenses Trued-up by Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May, 2021	Petitioner's Submission	Trued-up by the Commission
1.	Employee Expenses	123.33	146.97	89.98
2.	Administrative & General Expenses (A&G)	39.97	2.54	39.88
3.	Repair & Maintenance Expenses	54.69	36.21	36.53
Total Operation & Maintenance Expenses		217.99	185.72	166.38

The Commission approves the Operation & Maintenance (O&M) Expenses of Rs. 166.38 Crores in the True-up of FY 2021-22.

The gain/loss after comparing the actual values and normative values has been addressed separately in Section 3.19.

3.9 Capitalisation

Petitioner's Submission

The Petitioner has submitted the Opening Balance of GFA, additions and closing balance of GFA for FY 2021-22 as per annual accounts, which are submitted in the table below:

Table 28: Capitalization submitted by the Petitioner for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Opening of Gross fixed Assets	Additions during the FY 2021-22	Gross fixed Assets at End of FY 2021-22
1	Plant & Machinery	475.41	3.50	478.91
2	Buildings	82.55	0.00	82.55
3	Vehicles	4.01	0.00	4.01
4	Furniture & Fixture	1.47	0.00	1.47
5	Office Equipment	2.66	0.04	2.70
6	Land & Land Rights	0.00	0.00	0.00
Total		566.10	3.55	569.65

Commission's analysis

The Commission reviews the submission of the Petitioner and approves the Capitalisation as per the submission made by the Petitioner and as reflected in the Accounts audited. The Commission observed that the Petitioner consistently has not been able to meet the capitalisation targets, which is necessary for efficient and reliable operations of the system. Accordingly, the Commission directs the Petitioner to achieve the capitalisation targets, failing which the Commission may be constrained to impose the penalty.

The table below provides the capitalisation approved in the Tariff Order, the Petitioner's submission and the capitalisation approved by the Commission now.

Table 29: Capitalization Approved by the Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission	Trued-up by the Commission
1.	Capitalisation	28.36	3.55	3.55

The Commission approves the Capitalisation of Rs. 3.55 Crores in the True-up of FY 2021-22.

3.10 Capital Structure

Petitioner's Submission

The Petitioner has submitted that all the capital assets have been created out of equity contribution from the Andaman & Nicobar Administration.

Commission's analysis

The Commission observes that Regulation 26 of the JERC MYT Regulations, 2018 specifies the following:

"26. Debt to Equity Ratio

26.1 In case of Existing Projects, debt to equity ratio allowed by the Commission for determination of tariff for the period ending March 31, 2018 shall be considered:

Provided that in case of retirement or replacement or De-capitalization of the assets, the equity capital approved as mentioned above, shall be reduced to the extent of 30% (or actual equity component based on documentary evidence, if it is lower than 30%) of the original cost of such assets:

Provided further that in case of retirement or replacement or De-capitalization of the assets, the debt capital approved as mentioned above, shall be reduced to the extent of outstanding debt component based on documentary evidence, or the normative loan component, as the case may be, of the original cost of such assets.

26.2 For New Projects, the debt-equity ratio as on the Date of Commercial Operation shall be 70:30 of the amount of capital cost approved by the Commission under Regulation 23, after prudence check for determination of tariff:

Provided that where equity actually deployed is less than 30% of the capital cost of the capitalised asset, the actual equity shall be considered for determination of tariff:

Provided also that if the equity actually deployed is more than 30% of the capital cost, equity in excess of 30% shall be treated as a normative loan for the Licensee for determination of tariff:

Provided also that the Licensee shall submit documentary evidence for the actual deployment of equity and explain the source of funds for the equity:

Provided also that the equity invested in foreign currency shall be designated in Indian rupees on the date of each investment:

Provided further that the premium, if any, raised by the Licensee while issuing share capital and investment of internal resources created out of its free reserves, for the funding of the scheme, shall be reckoned as paid up capital for the purpose of computing return on equity, provided such premium amount and internal resources are actually utilized for meeting the capital expenditure of the transmission system or the distribution system, and are within the ceiling of 30% of capital cost approved by the Commission.

26.3 Any expenditure incurred or projected to be incurred on or after April 1, 2019, as may be admitted by the Commission, as additional capital expenditure for determination of tariff, and renovation and modernisation expenditure for life extension shall be serviced in the manner specified in this Regulation.”

For capital structure, regarding capitalisation during year, 70% of the approved capitalisation is considered as addition in normative loan and remaining as equity, as per provisions given under Regulations.

The approved capital structure for FY 2021-22 are given in following table:

Table 30: GFA addition approved by Commission (Rs. Crore) for FY 2021-22

Sr. No.	Particulars	Approved in ARR order dated 31 st May, 2021	Petitioner's Submission	Trued-up by the Commission
2.	Capitalisation during the FY	28.36	3.55	3.55
3.	Normative Loan (70%)	19.85	2.48	2.48
4.	Normative Equity (30%)	8.51	1.06	1.06

3.11 Depreciation

Petitioner's Submission

The Petitioner has submitted the actual depreciation of assets as per the audited accounts of FY 2021-22. The depreciation as claimed by the Petitioner has been tabulated below:

Table 31: Depreciation submitted by the Petitioner (Rs. Crores)

Sr. No.	Particulars	Petitioner's Submission
1.	Opening GFA	566.10
2.	Capitalisation	3.55
3.	Closing GFA	569.65
4.	Average GFA	567.88
5.	Average rate of depreciation	-
6.	Depreciation	17.51

Commission's analysis

The Commission notes that Regulation 30 of the JERC MYT Regulations, 2018 stipulates the following with respect to depreciation:

“30. Depreciation

30.1 The value base for the purpose of depreciation shall be the capital cost of the asset admitted by the Commission:

Provided that the depreciation shall be allowed after reducing the approved original cost of the retired or replaced or decapitalized assets: In the ARR Order, the Commission approved the following asset wise depreciation rate as per the CERC Tariff Regulations, 2014:

Provided also that the no depreciation shall be allowed on the assets financed through consumer contribution, deposit work, capital subsidy or grant.

30.2 The salvage value of the asset shall be considered as 10% and depreciation shall be allowed up to a maximum of 90% of the capital cost of the asset.

30.3 Land other than the land held under lease shall not be a depreciable asset and its cost shall be excluded from the capital cost while computing depreciable value of the assets.

30.4 In case of existing assets, the balance depreciable value as on April 1, 2019, shall be worked out by deducting the cumulative depreciation as admitted by the Commission up to March 31, 2018, from the gross depreciable value of the assets.

30.5 The depreciation shall be chargeable from the first Year of commercial operations. In case of projected commercial operation of the assets during the Year, depreciation shall be computed based on the average of opening and closing value of assets:

Provided that depreciation shall be re-calculated during true-up for assets capitalised at the time of true-up of each Year of the Control Period, based on documentary evidence of asset capitalised by the Applicant, subject to the prudence check of the Commission.

30.6 For Transmission Licensee, the depreciation shall be calculated at rates and norms specified in the prevalent CERC Tariff Regulations for transmission system.

30.7 The depreciation for a Distribution Licensee shall be calculated annually, based on the Straight-Line Method, over the Useful Life of the asset at rates specified in Appendix I of the Regulations.

30.8 In addition to allowable depreciation, the Distribution Licensee shall be entitled to advance against depreciation (AAD), computed in the manner given hereunder:

AAD = Loan (raised for capital expenditure) repayment amount based on loan repayment tenure, subject to a ceiling of 1/10th of loan amount minus depreciation as calculated on the basis of these Regulations:

Provided that advance against depreciation shall be permitted only if the cumulative repayment up to a particular Year exceeds the cumulative depreciation upto that Year:

Provided further that advance against depreciation in a Year shall be restricted to the extent of difference between cumulative repayment and cumulative depreciation upto that Year.

30.9 The Distribution Licensee shall provide the list of assets added during each Year of Control Period and list of assets completing 90% of depreciation in the Year along with Petition for annual performance review, true-up and tariff determination for ensuing Year.

30.10 The remaining depreciable value for a Distribution Licensee shall be spread over the balance useful life of the asset, on repayment of the entire loan.”

The Commission has derived the weighted average rate of depreciation based on the asset wise depreciation rate prescribed in Annexure-I of “JERC MYT Regulations, 2018”, as provided in the following table:

Table 32: Depreciation Rate (%)

Description	Rate
Plant & Machinery	3.60%
Buildings	1.80%
Furniture & Fixtures	6.00%
Land	0.00%
Vehicles	18.00%
Office equipment (Computers, etc.)	6.00%

At the time of true-up of FY 2020-21 the Petitioner was unable to submit any proof regarding the nature of funding of assets created out of TRP (Tsunami Rehabilitation Programme) fund (of worth Rs. 286.44 Crores), and the Commission has considered that these assets have been funded through a special grant in the form of TRP fund only.

The Commission considered the closing value of GFA for FY 2020-21 (without considering the assets created by the TRP fund, and unserviceable assets) as Opening value of GFA for FY 2021-22. In reply to deficiency note, the Petitioner has submitted the Fixed Asset Register. As the JERC MYT Regulations, 2018 stipulates that the depreciation shall be allowed to a maximum of 90% of the original cost of the asset, therefore the total value of assets depreciated up to 90% as reflected in the FAR of FY 2021-22 has been deducted from the opening GFA.

The revised GFA then has been considered and the depreciation on average Gross Fixed Assets (GFA) during the year has been determined. The net addition during the year has been calculated after deducting the value of retired assets.

The following table provides the details of depreciation as approved in the tariff order, Petitioner’s submission and now approved by the Commission under true-up.

Table 33: Depreciation approved by Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission	Trued-up by the Commission
1.	Opening Gross Fixed Assets considered for Depreciation	212.55	566.10	566.10
2.	Less: Assets depreciated up to 90% till FY 2021-22	-	-	38.47
3.	Less: Assets on which depreciation is not allowed			308.43
4.	Opening Net GFA	212.55	566.10	219.20
5.	Addition During the FY 2021-22	28.36	3.55	3.55
6.	Adjustment/ Retirement During the year	-	-	-
7.	Closing Gross Fixed Assets	240.91	569.65	222.75
8.	Average Gross Fixed Assets	226.73	567.88	220.97
9.	Average Depreciation rate (%)	3.64%	-	3.62%
10.	Depreciation	8.24	17.51	8.00

The Commission now approves depreciation of Rs. 8.00 Crores in the True up of the FY 2021-22.

3.12 Interest and Finance Charges

Petitioner's Submission

The Petitioner has submitted that it has finalized the Fixed Asset Register for the year & the GFA figures have been considered as per the audited FAR. The closing normative loan for the previous year has been taken as opening balance. Further, in line with the Tariff Regulations, 70% of GFA addition during the year as per the audited Fixed Asset Register has been considered to arrive at the normative loan for the FY 2021-22.

Further, the Petitioner proposes to revise the interest charges based on the State Bank of India (SBI) MCLR – 1 year tenor as on 01.04.2021. The State Bank of India (SBI) MCLR – 1 year tenor as on 01.04.2021 was 7.00%. Accordingly, interest rate of 8.00% (7.00%+1%) has been considered for projecting the interest charges for the FY 2021-22.

The Interest on loan as claimed by the Petitioner has been tabulated below:

Table 34: Interest & Finance charges claimed by Petitioner for the FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Petitioner's Submission
1	Opening Normative Loan	126.02
2	Normative additions during the year (70% of Net additions to GFA)	2.48
3	Less: Normative Repayment for the year	17.51
4	Closing Normative Loan/GFA	110.99
5	Average Normative Loan	118.51
6	Interest Rates – actual	8.00%
7	Interest on Loan	9.48

Commission's analysis

The Commission has observed that Regulation 28 of the JERC MYT Regulations, 2018 stipulates the following with respect to interest on loan:

“28. Interest on Loan

28.1 The loans arrived at in the manner indicated in Regulation 26 on the assets put to use, shall be considered as gross normative loan for calculation of interest on the loan:

Provided that interest and finance charges on capital works in progress shall be excluded:

Provided further that in case of De-capitalization or retirement or replacement of assets, the loan capital shall be reduced to the extent of outstanding loan component of the original cost of the de-capitalised or retired or replaced assets, based on documentary evidence.

28.2 The normative loan outstanding as on April 1, 2019, shall be worked out by deducting the cumulative repayment as admitted by the Commission up to March 31, 2018, from the gross normative loan.

28.3 Notwithstanding any moratorium period availed by the Transmission Licensee or the Distribution Licensee, as the case may be, the repayment of loan shall be considered from the first Year of commercial operation of the project and shall be equal to the annual depreciation allowed in accordance with Regulation 30.

28.4 The rate of interest shall be the weighted average rate of interest calculated on the basis of the actual loan portfolio at the beginning of each Year applicable to the Transmission Licensee or the Distribution Licensee:

Provided that at the time of truing up, the weighted average rate of interest calculated on the basis of the actual loan portfolio during the Year applicable to the Transmission Licensee or the Distribution Licensee shall be considered as the rate of interest:

Provided also that if there is no actual loan for a particular Year but normative loan is still outstanding, the last available weighted average rate of interest for the actual loan shall be considered:

Provided further that if the Transmission Licensee or the Distribution Licensee does not have actual loan, then one (1) Year State Bank of India (SBI) MCLR / any replacement thereof as notified by RBI for the time being in effect applicable for one (1) Year period, as may be applicable as on 1st April of the relevant Year plus 100 basis points shall be considered as the rate of interest for the purpose of allowing the interest on the normative loan.

28.5 The interest on loan shall be calculated on the normative average loan of the Year by applying the weighted average rate of interest:

Provided that at the time of truing up, the normative average loan of the Year shall be considered on the basis of the actual asset capitalization approved by the Commission for the Year.

28.6 For new loans proposed for each Financial Year of the Control Period, interest rate shall be considered as lower of (i) one (1) Year State Bank of India (SBI) MCLR / any replacement thereof as notified by RBI for the time being in effect applicable for one (1) Year period, as may be applicable as on 1st April of the relevant Year plus 100 basis points, and (ii) weighted average rate of interest proposed by the Distribution Licensee.

28.7 The above interest computation shall exclude the interest on loan amount, normative or otherwise, to the extent of capital cost funded by consumer contribution, deposit work, capital subsidy or grant, carried out by Transmission Licensee or Distribution Licensee.

28.8 The finance charges incurred for obtaining loans from financial institutions for any Year shall be allowed by the Commission at the time of Truing-up, subject to prudence check.

28.9 The excess interest during construction on account of time and/or cost overrun as compared to the approved completion schedule and capital cost or on account of excess drawal of the debt funds disproportionate to the actual requirement based on Scheme completion status, shall be allowed or disallowed partly or fully on a case-to-case basis, after prudence check by the Commission:

Provided that where the excess interest during construction is on account of delay attributable to an agency or contractor or supplier engaged by the Transmission Licensee, any liquidated damages recovered from such agency or contractor or supplier shall be taken into account for computation of capital cost:

Provided further that the extent of liquidated damages to be considered shall depend on the amount of excess interest during construction that has been allowed by the Commission.

28.10 The Transmission Licensee or the Distribution Licensee, as the case may be, shall make every effort to re-finance the loan as long as it results in net savings on interest and in that event the costs associated with such re-financing shall be borne by the beneficiaries and the net savings shall be shared between the equally between the beneficiaries and the Transmission Licensee or the Distribution Licensee and the Consumers of Distribution Licensee.

28.11 Interest shall be allowed on the amount held as security deposit held in cash from Retail Consumers at the Bank Rate as on 1st April of the Financial Year in which the Petition is filed:

Provided that at the time of truing-up, the interest on the amount of security deposit for the Year shall be considered on the basis of the actual interest paid by the Licensee during the Year, subject to prudence check by the Commission.”

According to the above provision, the rate of interest to be considered while determining the ARR shall be the weighted average interest rate of the actual loan portfolio. However, in absence of detailed data with respect to the actual loan portfolio, the Commission has considered the SBI 1 Year MCLR rate plus 100 basis points as Rate of Interest, in accordance with the JERC MYT Regulations, 2018. The Commission has considered the value of SBI 1-year MCLR rate as 7.00% (as on 1st April 2021), accordingly Interest rate is 8.00%.

As per the JERC MYT Regulations, 2018, if the equity deployed is more than 30% of the capital cost, then equity in excess of 30% is considered as normative loan. Hence, the normative loan addition is considered as 70% of the approved capitalization. Approved depreciation is considered as loan repayment amount. The following table provides the Interest on Loan approved by the Commission.

Table 35: Interest and Finance Charges approved by Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission	Trued-up by the Commission
1	Opening Gross Loan (Closing of Loan in Truing-up for FY 2020-21)			63.65
2	Less: Loan part of the assets depreciated more than 90%			26.93
3	Opening Normative Loan	32.39	126.02	36.72
4	Add: Normative Loan During the year	19.85	2.48	2.48
5	Less: Normative Repayment equivalent to Depreciation	8.24	17.51	8.00
6	Closing Normative Loan	44.00	110.99	31.20
7	Average Normative Loan	38.20	118.51	33.96
8	Rate of Interest (%)	8.00%	8.00%	8.00%
9	Interest on Loan	3.06	9.48	2.72

The Commission trued-up Interest and Finance Charges of Rs. 2.72 Crores for FY 2021-22.

3.13 Return on Equity (RoE)

Petitioner's Submission

Return on Equity (RoE) is computed in accordance with the JERC MYT Regulations 2021, Debt: Equity norm of 70:30 and RoE of 16% for FY 2021-22 has been considered and accordingly, the return on equity is calculated as given below.

The summary of the Return on Equity as approved by the Commission and as calculated for 2021-22 is tabulated below:

Table 36: Return on Equity claimed by the Petitioner for FY 2021-2022 (Rs. Crores)

Sr. No.	Particulars	Petitioner's Submission
1	Opening Equity	163.23
2	Additions on account of new Capitalisation	1.06
3	Closing Equity	164.29
4	Average Equity	163.76
5	Rate of Return	16.00%
6	Return on Equity	26.20

Commission's analysis

The Commission has observed that Regulation 27 of the JERC MYT Regulations, 2018 stipulates the following with respect to Return on Equity:

“.....

27.3 The return on equity for the Retail Supply Business shall be allowed on the equity capital determined in accordance with Regulation 26 for the assets put to use, at the rate of sixteen (16) per cent per annum.

27.4 The return on equity shall be computed on average of equity capital at the beginning and end of Year.”

RoE has been calculated on normative basis on the average of opening and closing of equity during the year at the rate of 15.50%/16.00% (on post-tax basis) with an opening equity considered equivalent to the closing equity of FY 2020- 21 as derived in Section 3.10, Capital Structure above. Further, the average equity is considered as 90% for wheeling activity and 10% for retail or distribution activity.

The following table provides the RoE approved in the ARR of FY 2021-22, the Petitioner's submission and RoE now approved by the Commission under true-up.

Table 37: RoE approved by the Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission	Trued-up by the Commission
1	Opening Gross Equity (Closing of Loan in Truing-up for FY 2020-21)			77.30
2	Less: Equity part of assets depreciated more than 90%			11.54
3	Opening Equity	63.77	163.23	65.76
4	Additions on account of new Capitalisation	8.51	1.06	1.06
5	Closing Equity	72.27	164.29	66.82
6	Average Equity	68.02	163.79	66.29
7	Average Equity-Wires Business			59.66
8	Average Equity (Retail Supply Business)			6.63
9	Return on Equity for Wires Business (%)		16%	15.50%
10	Return on Equity for Retail Supply Business (%)		16%	16.00%
11	Return on Equity for Wires Business			9.25

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission	Trued-up by the Commission
12	Return on Equity for Retail Supply Business (%)			1.06
13	Total Return on Equity	10.88	26.20	10.31

The Commission approves the Return on Equity of Rs. 10.31 Crores for FY 2021-22.

3.14 Interest on Security Deposits

Petitioner's Submission

The Petitioner has submitted that it does not collect security deposit from consumers in cash. The consumers are required to create a Term Deposit in scheduled bank equivalent to the security amount, and a lien is created in favor of the EDA&N towards security deposit. Hence, Interest on Security deposits is not payable to the consumers. Therefore, EDA&N has not claimed Interest on Security deposit in the ARR.

Commission's analysis

As per Regulation 28.11 of JERC MYT Regulation 2018:

"28.11 Interest shall be allowed on the amount held as security deposit held in cash from Retail Consumers at the Bank Rate as on 1st April of the Financial Year in which the Petition is filed:

Provided that at the time of truing-up, the interest on the amount of security deposit for the Year shall be considered on the basis of the actual interest paid by the Licensee during the Year, subject to prudence check by the Commission."

As the Petitioner has submitted that it does not collect Security Deposit in cash, hence no interest on security deposit is payable. The petitioner has also not claimed Interest on Security Deposit.

Therefore, the Commission has not approved any interest on security deposits of the consumers in the True-up of FY 2021-22.

3.15 Interest on Working Capital

Petitioner's Submission

Interest on Working Capital has been calculated by the Petitioner based on the normative principles outlined in the JERC MYT Regulations, 2018. The details are given below.

Table 38: Interest on Working Capital submitted by Petitioner for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Petitioner's Submission
1	Operation & Maintenance Expenses (for One (1) Month)	15.48
2	Maintenance spares at 40% of R&M expenses (For One (1) Month)	1.21
3	Receivables equivalent to two (2) months of the expected revenue from Consumers at the prevailing tariff.	28.47
4	Less: Amount held as security deposit	0.00
5	Net Working Capital	45.15
6	Rate of Interest (%)	9.00%
	Interest on working capital	4.06

Commission's analysis

The Regulation 52 of the JERC MYT Regulations, 2018 stipulates the following:

“52. Norms of Working Capital for Distribution Wires Business

52.1 The Distribution Licensee shall be allowed interest on the estimated level of working capital for the Distribution Wires Business for the Financial Year, computed as follows:

O&M Expenses for one (1) month; plus

Maintenance spares at 40% of repair and maintenance expenses for one (1) month; plus

Receivables equivalent to two (2) months of the expected revenue from charges for use of distribution wires at the prevailing tariff;

Less:

Amount, if any, held as security deposits under clause (b) of sub-section (1) of Section 47 of the Act from distribution system users except the security deposits held in the form of Bank Guarantees:

Provided that at the time of truing up for any Year, the working capital requirement shall be re-calculated on the basis of the values of components of working capital approved by the Commission in the truing up.”

Further, Regulation 63 of the JERC MYT Regulation, 2018 stipulates the following:

“63.1 The Distribution Licensee shall be allowed interest on the estimated level of working capital for the Retail Supply Business for the Financial Year, computed as follows:

(a) O&M Expenses for one (1) month; plus

(b) Maintenance spares at 40% of repair and maintenance expenses for one (1) month; plus

(c) Receivables equivalent to two (2) months of the expected revenue from Consumers at the prevailing tariff;

Less

(d) Amount, if any, held as security deposits under clause (b) of sub-section (1) of Section 47 of the Act from Consumers except the security deposits held in the form of Bank Guarantees:

Provided that at the time of truing up for any Year, the working capital requirement shall be re-calculated on the basis of the values of components of working capital approved by the Commission in the truing up.”

Further, Regulation 31.3 of the MYT Regulation, 2018 stipulates the following:

“31.3 The interest on working capital shall be a payable on normative basis notwithstanding that the Licensee has not taken working capital loan from any outside agency or has exceeded the working capital loan based on the normative figures.

31.4 The rate of interest on working capital shall be equal one (1) Year State Bank of India (SBI) MCLR / any replacement thereof as notified by RBI for the time being in effect applicable for one (1) Year period, as may be applicable as on 1st April of the Financial Year in which the Petition is filed plus 200 basis points.”

Accordingly, the Interest on Working Capital has been calculated approved by the Commission, as shown in the table below:

Table 39: Interest on Working Capital approved by Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission	Trued-up by the Commission
1	O&M Expense for 1 month	18.16	15.48	13.87
2	Maintenance spares at 40% of R&M expenses for one (1) month;	1.82	1.21	1.22
3	Receivables equivalent to two (2) months of the expected revenue at the prevailing tariff	26.8	28.47	28.47
4	Less: Amount held as security deposits.	0.00	0.00	0.00
5	Net Working Capital	46.79	45.15	43.55

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission	Trued-up by the Commission
6	Rate of Interest (%)	9.75%	9.00%	9.00%
7	Interest on Working Capital	4.56	4.06	3.92

The Commission approves the Interest on Working Capital as Rs. 3.92 Crores in the True- up of FY 2021-22.

3.16 Income Tax

Petitioner's Submission

The Petitioner has not made any submission in this regard.

Commission's analysis

The Commission has approved nil income tax amount as submitted by the Petitioner.

3.17 Provision for Bad & Doubtful Debts

Petitioner's Submission

The Petitioner has not earmarked any provision for bad and doubtful debts for the year.

Commission's analysis

As per Regulation 62 of the MYT Regulations, 2018:

"The Commission may allow bad debts written off as a pass through in the Aggregate Revenue Requirement, based on the trend of write off of bad debts in the previous years, subject to prudence check: Provided that the Commission shall true up the bad debts written off in the Aggregate Revenue Requirement, based on the actual write off of bad debts excluding delayed payment charges waived off, if any, during the year, subject to prudence check:

Provided also that the provision for bad and doubtful debts shall be limited to 1% of the annual Revenue Requirement of the Distribution Licensee:

Provided further that if subsequent to the write off of a particular bad debt, revenue is realised from such bad debt, the same shall be included as an uncontrollable item under the Non-Tariff Income of the year in which such revenue is realised."

The Petitioner has not claimed any Bad & Doubtful Debts during the True-up of FY 2021-22; hence the Commission approves the nil Bad & Doubtful Debts.

3.18 Non-Tariff Income

Petitioner's Submission

The Non-Tariff Income comprises metering, late payment charges, interest on staff loans, reconnection fee, and miscellaneous income among others. The actual Non-Tariff Income and that approved by the Commission for FY 2021-22 is provided in the table below:

Table 40: Non-Tariff Income for the FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission
1	Non-Tariff Income	3.25	5.12
	Total	3.25	5.12

Commission's analysis

The Commission observes that Regulation 34.2 of JERC MYT Regulation, 2018 states the following:

"The delayed payment charge earned by the Transmission Licensee or the Distribution Licensee shall not be considered under its Non-Tariff Income."

The Commission also has considered the same Non-Tariff Income (NTI) as submitted by the Petitioner and reflected in Annual Account submitted by the Petitioner. The Non-Tariff income approved in the Tariff Order, the Petitioner's submission and the NTI now approved by the Commission is shown in the table below:

Table 41: Non-Tariff Income approved by Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission	Trued-up by the Commission
1	Non-Tariff Income	3.25	5.12	5.12

The Commission approves the Non-Tariff Income of Rs. 5.12 Crores for FY 2021-22.

3.19 Incentive/Disincentive towards over/under-achievement of norms.

Disincentive towards under- achievement of norms of T&D Losses.

Petitioner's Submission

No Submission has been in this regard.

Commission's analysis

In the ARR of the FY 2021-22, the Commission had approved the distribution loss level of 13.34%. As discussed earlier, the Petitioner has only been able to achieve an Intra-State Transmission & Distribution Loss of 19.39%. Thus, there is an underachievement of the loss target.

The Commission, in accordance with Regulations 13 & 14 of the JERC MYT Regulations, 2018 (reproduced below), therefore, has determined the disincentive towards underachievement of the target of Intra-State distribution loss for FY 2021-22.

"13. Mechanism for pass through of gains or losses on account of uncontrollable factors

13.1 Approved aggregate gain or loss to the Transmission Licensee or Distribution Licensee on account of uncontrollable factors shall be pass-through as an adjustment in the tariff of the Transmission Licensee or Distribution Licensee over such period as may be specified in the Order of the Commission passed under these Regulations:

Provided that the mechanism for pass through of gains or losses on account of uncontrollable factors for a Generating Company shall be as specified in the prevalent CERC Tariff Regulations.

13.2 The Transmission Licensee or Distribution Licensee shall submit such details of the variation between expenses incurred and revenue earned and the figures approved by the Commission, in the specified format to the Commission, along with the detailed computations and supporting documents as may be required for verification by the Commission.

14. Mechanism for sharing of gains or losses on account of controllable factors

14.1 Approved aggregate gain to the Transmission Licensee or Distribution Licensee on account of controllable factors shall be shared equally between Licensee and Consumers:

Provided that the mechanism for sharing of gains or losses on account of controllable factors for a Generating Company shall be as specified in the prevalent CERC Tariff Regulations.

14.2 Approved aggregate loss, if any to the Transmission Licensee or Distribution Licensee on account of controllable factors shall be on account of the Licensee, and shall not be passed to the Consumers.”

The disincentive has been derived by calculating the additional cost of power procured due to under achievement of the stipulated Intra-State T&D loss target of 13.34% by the Petitioner, at the Average Power Purchase cost (APPC) of Rs. 21.05/kWh. The APPC has been derived at State/UT Periphery based on the Power Purchase cost (excluding the prior period expenses) approved in the True-up above and the Energy at State/UT Periphery computed after grossing up the retail energy sales (265.03 MU) with the approved Intra-State T&D Loss (19.39%).

The assessment of disincentive for higher Intra-State T&D Loss is shown in the following table:

Table 42: Disincentive towards underachievement of Intra-State Distribution Loss for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Normative	Trued-up by the Commission
1.	Retail Sales (MUs)	242.5	265.03	265.03
2.	T&D Loss (%)	13.34%	13.34%	19.39%
3.	Energy Requirement at Periphery (MUs)	279.83	305.83	328.77
4.	Gain/(Loss) (MUs)			(22.94)
5.	Average Power Purchase Cost (APPC), (Rs./kWh)			21.05
6.	Loss (Crores)			(48.28)
7.	Sharing (50% to EDA&N in Case of gain and 100% in case of Loss)			(48.28)

The Commission approves Rs. 48.28 Crores as disincentive for under-achieving the Intra-State distribution loss target for FY 2021-22.

3.20 Sharing of Gain/Loss on account of Operation & Maintenance (O&M) Expenses.

The Commission notes that Regulation 13 and 14 of the JERC MYT Regulations, 2018 (as reproduced above) stipulates the following mechanism for sharing of gain and loss:

“14. Mechanism for sharing of gains or losses on account of controllable factors

14.1 Approved aggregate gain to the Transmission Licensee or Distribution Licensee on account of controllable factors shall be shared equally between Licensee and Consumers:

Provided that the mechanism for sharing of gains or losses on account of controllable factors for a Generating Company shall be as specified in the prevalent CERC Tariff Regulations.

14.2 Approved aggregate loss, if any to the Transmission Licensee or Distribution Licensee on account of controllable factors shall be on account of the Licensee, and shall not be passed to the Consumers.”

The following table provides the O&M expenses, approved by the Commission in the MYT Order, Petitioner’s submission and O&M expenses now trued-up by the Commission after sharing of gains or losses.

Table 43: O&M Expenses (After Gain/ Loss) approved by Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner’s Submission	Trued-up Normative Expenses	Actual Expenses considered by the Commission	Gain/ Loss (Normative – Actual Considered)	Gain/ Loss Sharing	O&M Expenses after Gain/Loss
1.	Employee Expenses	123.33	146.97	89.98	146.65	(56.67)	0.00	89.98
2.	A&G Expenses	39.97	2.54	39.88	2.54	37.34	18.67	21.21
3.	R&M Expenses	54.69	36.21	36.53	36.53	—*	0.00	36.53
4.	Total O&M	217.99	185.71	166.38	185.71		18.67	147.71

* Considering the revision of the opening GFA (Gross Fixed Assets) done in FY 2020-21, the value of the k-factor decided in the MYT (Multi-Year Tariff) Order is very high, rendering it inappropriate for considering the same factor for computing the R&M (Repair and Maintenance) Expenses during the true-up of FY 2021-22.

The Commission approves the incentive due to over achievement of norms of A&G expenses in the True-up of FY 2021-22.

3.21 Aggregate Revenue Requirement (ARR)

Petitioner’s Submission

The Petitioner claimed the net aggregate revenue requirement of **Rs. 1132.88 Crores** for approval in the True-up of FY 2021-22.

Commission’s analysis

The Commission on the basis of the detailed analysis of the cost parameters of the ARR has considered and approved the revenue requirement in the True-up of FY 2021-22 as given in the following table:

Table 44: Aggregate Revenue Requirement approved by the Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner’s Submission	Trued-up by the Commission
1.	Power Purchase Cost	474.27	37.65	37.65
2.	Fuel Cost		857.39	654.27
	Prior Period Power Purchase cost			156.76
3.	Operation & Maintenance Expenses	217.98	185.71	147.71
4.	Depreciation	8.24	17.51	8.00
5.	Interest on Loan and Finance charges	3.06	9.48	2.72

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission	Trued-up by the Commission
6.	Interest on Working Capital	4.56	4.06	3.92
7.	Return on Equity	10.88	26.20	10.31
8.	Interest on Security Deposit	0.00	0.00	0.00
9.	Provision for Bad Debt	0.00	0.00	0.00
10.	Income Tax	0.00	0.00	0.00
11.	Disincentive due to under achievement of norms of T&D Losses	0.00	0.00	(48.28)
12.	Sharing of Gain/(loss) on account of O&M Expenses	0.00	0.00	0.00
13.	Total Revenue Requirement	718.99	1138.00	973.06
14.	Less: Non-Tariff Income	3.25	5.12	5.12
15.	Net Revenue Requirement	715.75	1132.88	967.93

The Commission approves net Aggregate Revenue Requirement of Rs. 967.93 Crores in the True-up of the FY 2021-22.

3.22 Revenue at existing Retail Tariff

Petitioner's Submission

The Petitioner has submitted the net actual revenue for the FY 2021-22 as Rs. 170.69 Crores against revenue of Rs. 170.79 Crores. approved by the Commission in the Tariff Order dated 31st March 2021.

Commission's analysis

The Commission has analysed the sales and revenue figures for each consumer category and verified the revenue from audited accounts. The consumer category-wise revenue as submitted by the Petitioner and approved by the Commission is shown in the following table:

Table 45: Revenue at existing tariff approved by the Commission for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31 st May 2021	Petitioner's Submission	Trued-up by the Commission
1.	Revenue approved for FY 2021-22	160.79	170.69	170.79

The Commission approves the revenue from sale of power as Rs. 170.79 Crores in the True-up of the FY 2021-22.

3.23 Standalone Revenue Gap/Surplus

Petitioner's Submission

The Petitioner claimed the standalone revenue gap of **Rs. 962.09 Crores** in the True-up of FY 2021-22.

Commission's analysis

The Commission based on the approved ARR and retail tariff has arrived at the Revenue Gap/Surplus as follows:

Table 46: Standalone Revenue Gap/ Surplus at existing tariff for FY 2021-22 (Rs. Crores)

Sr. No.	Particulars	Approved in ARR order dated 31st May 2021	Petitioner's Submission	Trued-up by the Commission
1.	Net Revenue Requirement	715.75	1132.88	967.93
2.	Revenue from Retail Sales at existing tariff	160.79	170.79	170.79
3.	Net Gap/(Surplus)	554.96	962.09	797.14

The Commission approves a standalone gap of Rs. 797.14 Crores in the True-up of FY 2021-22.

The Petitioner has also submitted a letter with reference EL/PL/10-1/2021/2004 dated 27th May 2021, stating that any revenue gap remaining shall be met through budgetary support as being done in past years. . Hence, the Commission approves that standalone gap for FY 2021-22 to be met from the budgetary support by the Government of India. Hence, the Commission approves the standalone gap as 'NIL' for FY 2021-22.

Chapter 4: Annual Performance Review for FY 2024-25

Petitioner's Submission

The Petitioner has submitted various details required for the Annual Performance review for FY 2024-25.

Table 47: Aggregate Revenue Requirement submitted by the Petitioner

Sr. No.	Particulars	Petitioner submission
		Estimated for FY 2024-25
1	Power Purchase Cost (Cr)	552.02
2	Fuel Cost (Cr)	221.34
3	O&M Expenses (Cr) (Gross)	265.30
a)	R&M Expenses	60.45
b)	Employee Cost	195.69
c)	A&G Expenses	9.16
4	Depreciation	18.29
5	Interest and Finance charges	8.29
6	Interest on working capital	8.34
7	Return on Equity	27.68
8	Interest on Security Deposit	0.00
9	Total Revenue Requirement	1101.26
10	Less: Non-Tariff Income (Cr)	4.82
11	Net Revenue Requirement (Cr)	1096.45

Commission's Analysis

The Regulation 12 of the JERC MYT Regulation, 2021 stipulates the following:

"12 Annual Performance Review, Truing-up and tariff determination during the Control Period

12.1 The Generating Company, Transmission Licensee and Distribution Licensee shall be subject to annual performance review and truing up of expenses and revenue during the Control Period in accordance with these Regulations.

12.2 The Generating Company, Transmission Licensee and Distribution Licensee shall file an application for the annual performance review of the current year, truing up of the previous Year or the Year for which the audited accounts are available and determination of tariff for the ensuing Year on or before 30th November of each Year, in formats specified by the Commission from time to time : Provided that the Generating Company, Transmission Licensee or Distribution Licensee, as the case may be, shall submit to the Commission information in such form as may be specified by the Commission, together with the audited accounts, extracts of books of account and such other details as the Commission may require to assess the reasons for and extent of any variation in financial performance from the approved forecast of Aggregate Revenue Requirement and Expected Revenue from Tariff and Charges.

12.3 The scope of the annual performance review, truing up and tariff determination shall be a comparison of the performance of the Generating Company, Transmission Licensee or Distribution Licensee with the

approved forecast of Aggregate Revenue Requirement and Expected Revenue from Tariff and Charges and shall comprise of the following:

- a) True-up: a comparison of the audited financial and actual operational performance of the Applicant for the Financial Year for which the true up is being carried out with the approved forecast for such previous Financial Year, subject to the prudence check;
 - b) Annual Performance Review: a comparison of the revised estimates of performance targets of the Applicant for the current Financial Year with the approved forecast in the Tariff Order corresponding to the Control Period for the current Financial Year subject to prudence check;
 - c) Tariff determination for the ensuing Year of the Control Period based on the revised forecast of the Aggregate Revenue Requirement for the Year;
 - d) Review of compliance with directives issued by the Commission from time to time;
 - e) Other relevant details, if any.
- ...”

The Commission finds that the Petitioner has not submitted any petition regarding True up for the previous years from FY 2022-23 to FY 2023-24. The last True up was carried out for FY 2021-22. Further, FY 2024-25 has already come to an end and also any gap or surplus on account of revised estimates of APR is not carried forward in the ensuing year ARR. So, the Commission is of the view that there is no point of revising the performance targets when the year of ARR FY 2024-25 has already has come to an end and also there is no actual data/ Audited Accounts for the previous years. Therefore, the Commission retained the same figures of ARR of FY 2024-25 as deemed approval for APR of FY 2024-25. Summary of ARR submitted by the Petitioner and approved by the Commission is as under:

Table 48: Aggregate Revenue Requirement approved by the Commission

S. No.	Particulars	FY 2024-25		
		Approved in T.O. dated 10th June 2024	Petitioner Submission	Approved by Commission
1	Power Purchase Cost (Cr)	40.82	552.02	552.02
2	Fuel Cost (Cr)	732.59	221.34	221.34
3	REC Cost (Cr)	1.79	0.00	0.49
4	O&M Expenses (Cr)	268.54	265.30	265.54
a)	R&M Expenses	62.85	60.45	60.69
b)	Employee Cost	202.87	195.69	195.69
c)	A&G Expenses	2.81	9.16	9.16
5	Depreciation	62.85	18.29	11.28
6	Interest and Finance charges	202.87	8.29	8.85
7	Interest on working capital	2.81	8.34	7.76
8	Return on Equity	16.04	27.68	16.04
9	Interest on Security Deposit			
10	Income Tax			
11	Total Revenue Requirement	1087.21	1101.26	1082.82
12	Less: Non-Tariff Income	6.31	4.82	4.82
13	Net Revenue Requirement (Cr)	1080.90	1096.45	1,078.00

The Commission directs the Petitioner to file the petition for the True-up of the previous years FY 2022-23 to FY 2024-25 at the earliest.

Chapter 5: Aggregate Revenue Requirement for 4th Control Period (FY 2025-26 to FY 2029-30)

5.1 Background

In this chapter, the Commission has determined the Aggregate Revenue Requirement (ARR) for the 4th Control Period (FY 2025-26 to FY 2029-30). The determination of Aggregate Revenue Requirement has been done in accordance with the “JERC MYT Regulations, 2024”.

The Commission has computed the individual elements constituting the Aggregate Revenue Requirement for FY 2025-26 to FY 2029-30 based on values approved in Business Plan Order for the 4th Control Period (FY 2025-26 to FY 2029-30).

5.2 Forecast of Number of Consumers, Connected Load and Sales for the Control Period

5.2.1 Approval of Billing determinants as per the JERC (Retail Supply Tariff Structure) Guideline 2024

Petitioner’s submission

Petitioner has considered the projections for number of consumers, connected load and energy sales for the 4th Multi-Year Control Period as submitted in the Business Plan petition for the 4th Control Period (FY 2025-26 to FY 2029-30) based on the “JERC (Retail Supply Tariff Structure) Guideline 2024”. The same are given in the tables below:

The projections submitted by the Petitioner for no. of Consumers, load and Sales is as follows:

Table 49: No. of Consumers considered by the Petitioner as per the new tariff structure for 4th MYT Control Period (FY 2025-26 to FY 2029-30)

S. NO.	Categories	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	DOMESTIC SERVICE (DS)					
i	LTDS- I: Connected Load Based	6	7	7	7	7
ii	LTDS- II: Demand Based	137116	141170	145343	149640	154064
iii	LTDS- III: Demand Based	232	239	246	254	261
2	NON-DOMESTIC SERVICE (NDS)					
i	NDS- I: Demand Based	23226	23959	24715	25495	26299
ii	NDS- II: Demand Based	418	431	444	458	473
iii	NDS- III: Demand Based	0	0	0	0	0
iv	NDS IV: Demand Based	383	395	408	421	434
v	NDS- V: Connected Load Based	596	615	634	654	675
3	AGRICULTURAL SERVICE (AS)					
i	LTAS- I: Connected Load Based	447	500	559	626	700
ii	LTAS- II: Demand Based	34	38	42	47	53

S. NO.	Categories	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
iii	LTAS- III: Demand Based	354	396	442	495	554
4	INDUSTRIAL SERVICES (LTIS-I)	424	428	432	436	440
5	PUBLIC UTILITY SERVICES					
i	LTPS- I: Demand Based	48	49	50	51	52
ii	LTPS- II: Connected Load Based	720	735	750	766	782
iii	LTPS- III: Connected Load Based	28	29	29	30	30
6	Electric Vehicle Charging stations					
i	LTEV- I: Demand Based	3	5	8	12	20
7	HIGH TENSION SUPPLY					
i	HTS- I: Demand Based	0	0	0	0	0
ii	HTS- II: Demand Based	89	91	94	97	100
iii	HTS-III: Demand Based	0	0	0	0	0
iv	HTS-IV: Demand Based	7	7	7	7	7
v	HTS-V: Demand Based	71	72	73	74	76
vi	HTS-VI: Demand Based	9	15	23	37	59
8	Total	164212	169180	174309	179608	185085

Table 50: Load (kW) considered by the Petitioner as per the new tariff structure for 4th MYT Control Period (FY 2025-26 to FY 2029-30)

S. NO.	Categories	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	DOMESTIC SERVICE (DS)					
i	LTDS- I: Connected Load Based	12	13	14	15	17
ii	LTDS- II: Demand Based	284455	310320	338536	369318	402900
iii	LTDS- III: Demand Based	1332	1453	1586	1730	1887
2	NON-DOMESTIC SERVICE (NDS)					
i	NDS- I: Demand Based	104924	114768	125535	137313	150195
ii	NDS- II: Demand Based	12287	13440	14701	16080	17589
iii	NDS- III: Demand Based	0	0	0	0	0
iv	NDS IV: Demand Based	2380	2604	2848	3115	3407
v	NDS- V: Connected Load Based	1356	1484	1623	1775	1942
3	AGRICULTURAL SERVICE (AS)					
i	LTAS- I: Connected Load Based	486	425	372	326	285
ii	LTAS- II: Demand Based	83	72	63	56	49
iii	LTAS- III: Demand Based	603	528	462	404	354
4	INDUSTRIAL SERVICES (LTIS-I)	12708	12823	12938	13055	13173
5	PUBLIC UTILITY SERVICES					
i	LTPS- I: Demand Based	708	715	722	729	737
ii	LTPS- II: Connected Load Based	1981	2000	2020	2041	2061
iii	LTPS- III: Connected Load Based	250	252	255	257	260
6	Electric Vehicle Charging stations					
i	LTEV- I: Demand Based	77	115	172	258	387
7	HIGH TENSION SUPPLY					
i	HTS- I: Demand Based	0	0	0	0	0
ii	HTS- II: Demand Based	18968	20748	22694	24823	27152
iii	HTS-III: Demand Based	0	0	0	0	0
iv	HTS-IV: Demand Based	1296	1307	1319	1331	1343
v	HTS-V: Demand Based	25017	27659	30580	33810	37380
vi	HTS-VI: Demand Based	3955	5926	8879	13304	19934
8	Total	472877	516652	565321	619741	681052

Table 51: Sales (MUs) considered by the Petitioner as per the new tariff structure for 4th MYT Control Period (FY 2025-26 to FY 2029-30)

S. NO.	Categories	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	DOMESTIC SERVICE (DS)					
i	LTDS- I: Connected Load Based	0.01	0.01	0.01	0.01	0.01
ii	LTDS- II: Demand Based	194.74	212.34	232.07	253.09	277.46
iii	LTDS- III: Demand Based	0.96	1.05	1.15	1.25	1.37
2	NON-DOMESTIC SERVICE (NDS)					
i	NDS- I: Demand Based	63.60	70.31	75.80	83.53	91.47
ii	NDS- II: Demand Based	15.77	17.43	18.79	20.71	22.68
iii	NDS- III: Demand Based	0.03	0.03	0.04	0.04	0.05
iv	NDS IV: Demand Based	1.05	1.16	1.25	1.37	1.50
v	NDS- V: Connected Load Based	1.11	1.23	1.33	1.46	1.60
3	AGRICULTURAL SERVICE (AS)					
i	LTAS- I: Connected Load Based	0.57	0.66	0.77	0.90	1.05
ii	LTAS- II: Demand Based	0.97	1.13	1.32	1.54	1.79
iii	LTAS- III: Demand Based	0.81	0.94	1.10	1.29	1.50
4	INDUSTRIAL SERVICES (LTIS-I)	12.65	13.78	15.01	16.35	17.81
5	PUBLIC UTILITY SERVICES					
i	LTPS- I: Demand Based	0.97	0.97	0.97	0.97	0.97
ii	LTPS- II: Connected Load Based	3.62	3.62	3.62	3.62	3.62
iii	LTPS- III: Connected Load Based	0.28	0.28	0.28	0.28	0.28
6	Electric Vehicle Charging stations					
i	LTEV- I: Demand Based	0.45	0.53	0.62	0.72	0.85
7	HIGH TENSION SUPPLY					
i	HTS- I: Demand Based	0.00	0.00	0.00	0.00	0.00
ii	HTS- II: Demand Based	20.05	22.16	23.90	26.33	28.84
iii	HTS-III: Demand Based	0.00	0.00	0.00	0.00	0.00
iv	HTS-IV: Demand Based	0.42	0.46	0.50	0.55	0.59
v	HTS-V: Demand Based	42.85	50.30	57.74	65.19	72.64
vi	HTS-VI: Demand Based	4.17	4.87	5.70	6.66	7.79
8	Total	365.09	403.27	441.98	485.88	533.88

Commission's Analysis

The Commission has approved the number of consumers, connected load and category-wise sales for the 4th Control Period in the Business Plan order dated 21st October 2025 with detailed deliberations. Accordingly, the Commission does not find it appropriate to repeat the same in this chapter as the same has been considered in the MYT order for the 4th Control Period (FY 2025-26 to FY 2029-30) as shown in the below tables:

Table 52: No. of Consumers approved by the Commission for 4th MYT Control Period

S. NO.	Categories	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	DOMESTIC SERVICE (DS)					
I	LTDS- I: Connected Load Based	6	7	7	7	7
II	LTDS- II: Demand Based	137092	141129	145281	149553	153946
III	LTDS- III: Demand Based	232	239	246	254	261
2	NON-DOMESTIC SERVICE (NDS)					
I	NDS- I: Demand Based	23222	23952	24705	25480	26279
II	NDS- II: Demand Based	417	431	444	458	472
III	NDS- III: Demand Based	0	0	0	0	0
IV	NDS IV: Demand Based	383	395	408	420	434
V	NDS- V: Connected Load Based	596	614	634	654	674
3	AGRICULTURAL SERVICE (AS)					
I	LTAS- I: Connected Load Based	447	500	559	625	699
II	LTAS- II: Demand Based	34	38	42	47	53
III	LTAS- III: Demand Based	354	395	442	495	553
4	INDUSTRIAL SERVICES (LTIS-I)	424	428	432	436	440

S. NO.	Categories	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
5	PUBLIC UTILITY SERVICES					
I	LTPS- I: Demand based	48	49	50	51	52
II	LTPS- II: Connected Load Based	720	735	750	766	781
III	LTPS- III: Connected Load Based	28	29	29	30	30
6	Electric Vehicle Charging stations					
I	LTEV- I: Demand Based	3	5	8	12	20
7	HIGH TENSION SUPPLY					
I	HTS- I: Demand Based	0	0	0	0	0
II	HTS- II: Demand Based	89	91	94	97	100
III	HTS-III: Demand Based	0	0	0	0	0
IV	HTS-IV: Demand Based	7	7	7	7	7
V	HTS-V: Demand Based	71	72	73	74	75
VI	HTS-VI: Demand Based	9	15	23	37	59
8	Total	164183	169131	174235	179503	184943

Table 53: Load (in kW) approved by the Commission for 4th MYT Control Period

S. No.	Categories	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	DOMESTIC SERVICE (DS)					
I	LTDS- I: Connected Load Based	11	12	13	13	14
II	LTDS- II: Demand Based	270004	287002	305146	324585	345513
III	LTDS- III: Demand Based	1265	1344	1429	1520	1618
2	NON-DOMESTIC SERVICE (NDS)					
I	NDS- I: Demand Based	99594	106144	113154	120681	128802
II	NDS- II: Demand Based	11663	12430	13251	14133	15084
III	NDS- III: Demand Based	0	0	0	0	0
IV	NDS IV: Demand Based	2259	2408	2567	2738	2922
V	NDS- V: Connected Load Based	1287	1372	1463	1560	1665
3	AGRICULTURAL SERVICE (AS)					
I	LTAS- I: Connected Load Based	461	393	336	286	245
II	LTAS- II: Demand Based	79	67	57	49	42
III	LTAS- III: Demand Based	572	488	416	355	303
4	INDUSTRIAL SERVICES (LTIS-I)	12062	11859	11662	11474	11297
5	PUBLIC UTILITY SERVICES					
I	LTPS- I: Demand based	672	661	651	641	632
II	LTPS- II: Connected Load Based	1880	1850	1821	1793	1767
III	LTPS- III: Connected Load Based	237	233	229	226	223
6	Electric Vehicle Charging stations					
I	LTEV- I: Demand Based	73	106	155	227	332
7	HIGH TENSION SUPPLY					
I	HTS- I: Demand Based	0	0	0	0	0
II	HTS- II: Demand Based	18004	19189	20456	21817	23285
III	HTS-III: Demand Based	0	0	0	0	0
IV	HTS-IV: Demand Based	1230	1209	1189	1170	1152
V	HTS-V: Demand Based	23746	25580	27564	29714	32056
VI	HTS-VI: Demand Based	3754	5481	8004	11693	17095
8	Total	448854	477829	509563	544676	584046

Table 54: Sales (MUs) approved by the Commission for 4th Control Period

S. NO.	Categories	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	DOMESTIC SERVICE (DS)					
I	LTDS- I: Connected Load Based	0.01	0.01	0.01	0.01	0.01
II	LTDS- II: Demand Based	176.92	184.64	195.58	207.45	223.30
III	LTDS- III: Demand Based	0.88	0.91	0.97	1.03	1.10
2	NON-DOMESTIC SERVICE (NDS)					

S. NO.	Categories	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
I	NDS- I: Demand Based	57.78	61.13	63.88	68.47	73.61
II	NDS- II: Demand Based	14.33	15.16	15.84	16.98	18.25
III	NDS- III: Demand Based	0.03	0.03	0.03	0.03	0.04
IV	NDS IV: Demand Based	0.95	1.01	1.05	1.13	1.21
V	NDS- V: Connected Load Based	1.01	1.07	1.12	1.20	1.29
3	AGRICULTURAL SERVICE (AS)					
I	LTAS- I: Connected Load Based	0.51	0.57	0.65	0.74	0.85
II	LTAS- II: Demand Based	0.88	0.98	1.11	1.26	1.44
III	LTAS- III: Demand Based	0.74	0.82	0.93	1.06	1.21
4	INDUSTRIAL SERVICES (LTIS- I)	11.50	11.98	12.65	13.40	14.33
5	PUBLIC UTILITY SERVICES					
I	LTPS- I: Demand based	0.88	0.84	0.82	0.80	0.78
II	LTPS- II: Connected Load Based	3.29	3.15	3.05	2.97	2.92
III	LTPS- III: Connected Load Based	0.26	0.25	0.24	0.23	0.23
6	Electric Vehicle Charging stations					
I	LTEV- I: Demand Based	0.41	0.46	0.52	0.59	0.68
7	HIGH TENSION SUPPLY					
I	HTS- I: Demand Based	0.00	0.00	0.00	0.00	0.00
II	HTS- II: Demand Based	18.22	19.27	20.14	21.59	23.21
III	HTS-III: Demand Based	0.00	0.00	0.00	0.00	0.00
IV	HTS-IV: Demand Based	0.38	0.40	0.42	0.45	0.48
V	HTS-V: Demand Based	38.93	43.74	48.66	53.43	58.46
VI	HTS-VI: Demand Based	3.79	4.24	4.80	5.46	6.27
8	Total	331.69	350.66	372.48	398.26	429.67

5.3 Trajectory for Intra-State Transmission & Distribution (T&D) loss, Collection Efficiency and AT&C Losses

5.3.1 Intra-State Transmission and Distribution (T&D) loss

Petitioner's submission

The T&D Losses for the previous years as achieved by the Petitioner is given in the table below:

Table 55: T&D Losses for the previous years

Particulars	FY	FY	FY
	2018-19	2019-20	2020-21
T&D Losses (%) achieved by the Petitioner	23.33%	21.98%	28.33%

The Petitioner has stated that the operational area-of the Petitioner is spread over several Islands therefore having comprehensive loss reduction is difficult due to geographical & topographical peculiarity of these Islands.

The Petitioner also submitted that in future it shall make efforts to achieve the loss targets set by the Commission and also requested the Commission to set realistic targets in view of the fact that the current loss level is very low and the reduction of loss below the current level shall be difficult. Accordingly, the Petitioner has proposed T&D loss target for each year of the Control Period. The T&D loss trajectory proposed by the Petitioner for the Control Period is as given below:

Table 56: T&D loss (%) trajectory proposed by the Petitioner for the 4th Control Period Control Period

Particulars	Projections (%)
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	FY	FY	FY	FY	FY
	2025-26	2026-27	2027-28	2028-29	2029-30
T&D Losses (%)	19.63%	19.13%	18.63%	18.13%	17.63%

Commission's Analysis

The Commission has approved Intra-State Transmission and Distribution Loss trajectory for the 4th MYT Control Period in the Business Plan order dated 21st October 2025 with detailed deliberations. Accordingly, the Commission does not find it appropriate to repeat the same here as the same has been considered in the MYT order for the 4th Control Period (FY 2025- 26 to FY 2029-30) as shown in the below table:

Table 57: T&D losses trajectory approved by the Commission for the 4th Control Period

Particulars	Estimated	Projections (%)				
	FY	FY	FY	FY	FY	FY
	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
T&D Losses (%) approved by the commission	11.91%	11.66%	11.41%	11.16%	10.91%	10.66%

5.3.2 Collection Efficiency

Petitioner's submission

The Petitioner has not submitted any data regarding the Collection Efficiency in the Business Plan Petition for 4th Control Period (FY 2025-26 to FY 2029-30).

Commission's analysis

The Commission has approved Collection Efficiency trajectory for the 4th MYT Control Period in the Business Plan order dated 21st October 2025 with detailed deliberations. Accordingly, the Commission does not find it appropriate to repeat the same here as the same has been considered in the MYT order for the 4th Control Period (FY 2025- 26 to FY 2029-30) as shown in the below table:

Table 58: Collection Efficiency approved by the Commission for the 4th MYT Control Period

Particulars	FY	FY	FY	FY	FY
	2025-26	2026-27	2027-28	2028-29	2029-30
Collection Efficiency	100%	100%	100%	100%	100%

5.3.3 AT&C Losses

Petitioner's submission

The Petitioner had not submitted data regarding the AT&C Losses in the Business Plan Petition for 4th Control Period (FY 2025-26 to FY 2029-30).

Commission's analysis

The Commission has approved AT&C Loss trajectory for the 4th MYT Control Period in the Business Plan order dated 21st October 2025 with detailed deliberations. Accordingly, the Commission does not find it appropriate to repeat the same here as the same has been considered in the MYT order for the 4th Control Period (FY 2025- 26 to FY 2029-30) as shown in the below table:

Table 59: AT&C Losses approved by the Commission for the 4th MYT Control Period

Particulars	Projections (%)				
	FY	FY	FY	FY	FY
	2025-26	2026-27	2027-28	2028-29	2029-30
AT&C Losses (%) approved by the commission	11.66%	11.41%	11.16%	10.91%	10.66%

5.4 Demand and Energy Balance

5.4.1 Demand Balance

Petitioner's submission

The Petitioner has not submitted data regarding demand for the respective years of the control period.

Commission's analysis

The Commission has approved Demand Balance for the 4th MYT Control Period in the Business Plan order dated 21st October 2025 with detailed deliberations. Accordingly, the Commission does not find it appropriate to repeat the same here as the same has been considered in the MYT order for the 4th Control Period (FY 2025-26 to FY 2029-30) as shown in the table below:

Table 60: Peak Demand vs Power Available at periphery of the Union Territory as approved by the Commission

Particular	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Peak Demand (MW)	73.37	77.12	81.07	85.21	89.57
Power Available (MW)	136.32	155.17	155.17	155.17	155.17
Gap/(Surplus)	(62.95)	(78.05)	(74.10)	(69.96)	(65.60)

5.4.2 Energy Balance

Petitioner's submission

The Petitioner has submitted the energy requirement estimates based on the retail sales projections, grossed-up by estimated loss levels. The energy balance projected for the FY 2025-26, 2026-27, 2027-28, 2028-29 and 2029-30 is as given below:

Table 61: Energy requirement as estimated by the Petitioner for the 4th MYT Control Period

Energy Balance	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
	MU's	MU's	MU's	MU's	MU's
Energy Sales					
LT Supply	365.09	403.27	441.98	485.88	533.88
HT Supply					
Total Energy Sales	365.09	403.27	441.98	485.88	533.88
Overall T & D Losses %	19.63	19.13	18.63	18.13	17.63
Overall T & D Losses (MUs)	89.15	95.38	101.17	107.57	114.24
Total Energy Requirement	454.24	498.65	543.15	593.46	648.12

Energy Balance	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
	MU's	MU's	MU's	MU's	MU's
Power Purchase from other sources	357.93	398.69	382.85	433.15	487.82
Own Generation	96.32	99.96	160.31	160.31	160.31
Total Energy Availability	454.24	498.65	543.15	593.46	648.12
Energy (Surplus)/Gap	0	0	0	0	0

The Petitioner submits that the energy requirement is mainly met from own generation and power purchase from HPPs & IPPs. There is no availability of power from Central Generating Stations or from other sources/ open market/ power exchanges etc. The Petitioner proposes to meet the power requirement, during the ensuing control period from own generation as well as by procuring power from HPPs & IPPs. The mix of own generation & power purchase shall change during the respective years of the control period based on the island wise demand & sources of available power. Hence, the present scenario is likely to continue and is projected that energy requirement for FY 2025-26, FY 2026-27, FY 2027-28, FY 2028-29 and FY 2029-30 shall be met through mix of own generation and power purchase as has been the case in the current control period .

Commission's analysis

The Commission has approved Energy Balance for the 4th MYT Control Period in the Business Plan order dated 21st October 2025 with detailed deliberations. Accordingly, the Commission does not find it appropriate to repeat the same here as the same has been considered in the MYT order for the 4th Control Period (FY 2025-26 to FY 2029-30) as shown in the below table:

Table 62: Energy requirement approved by the Commission for the 4th Control Period

Particulars	Calculation	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Sales (MUs)	A	331.69	350.66	372.48	398.26	429.67
Transmission & Distribution Losses (%)	B	11.66%	11.41%	11.16%	10.91%	10.66%
Transmission & Distribution Losses (MUs)	D=C-B	43.78	45.16	46.79	48.77	51.27
Energy Requirement T-D interface (MUs)	C=A/(1-B)	375.47	395.83	419.28	447.04	480.94
Intra State Losses %	E	-	-	-	-	-
Intra State Losses (MUs)	G=F-E	-	-	-	-	-
Energy Requirement G-T interface (MUs)	F=C/(1-E)	375.47	395.83	419.28	447.04	480.94
Energy Available at State Periphery (MUs)	H	508.45	563.49	563.49	563.49	563.49
Gap/(Surplus) (MUs)	I=F-H	(132.98)	(167.65)	(144.21)	(116.45)	(82.55)

5.5 Renewable Purchase Obligation (RPO)

Petitioner's submission

The Renewable Purchase Obligation (RPO) for the Utilities has been specified by the Commission vide 'JERC for State of Goa & Union Territories (Procurement of Renewable Energy), 2010'. The Commission has revised/specified Renewable Purchase Obligation (RPOs) targets for all Distribution Licensees/obligated entities for FY 2025-26 to FY 2029-30 vide JERC (Procurement of Renewable Energy) (Fifth Amendment), Regulations 2024.

The Petitioner submits that it intends to meet the RPO as per the directions of the Commission in the MYT Control period as well. It is further submitted that the Petitioner is taking initiatives for installation of Solar PV plants as well as roof top solar under various government initiatives. The details of planned Renewable energy sources for the control period is given in the Investment Plan section of the instant petition.

These initiatives shall facilitate the Petitioner in complying with the RPO Regulation to certain extent. However, to the geographical & topographical peculiarities of these islands including separation by sea over great distances there is no single power grid for the entire electrified island and instead a power house caters independently to the power requirements of area/islands. Accordingly, it may be difficult to develop the required renewal sources of power as envisaged in the RPO Regulation.

The Petitioner submits to make a separate submission regarding the constraints encountered by it in complying with the RPO Regulations.

Table 63: Renewable Purchase Obligation submitted by the Petitioner

Sr. No.	Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Wind RPO Target (%)	1.45	1.97	2.45	2.95	3.48
2	HPO Target (%)	1.22	1.34	1.42	1.42	1.33
3	Distributed RPO Target (%)	2.10	2.70	3.30	3.90	4.50
4	Other RPO Target (%)	28.24	29.94	31.64	33.10	34.02
A	Total Renewable Purchase Obligation (%)	33.01	35.95	38.81	41.37	43.33

Commission's Analysis

The Commission has approved Energy Balance for the 4th MYT Control Period in the Business Plan order dated 21st October 2025 with detailed deliberations. Accordingly, the Commission does not find it appropriate to repeat the same here as the same has been considered in the MYT order for the 4th Control Period (FY 2025-26 to FY 2029-30) as shown in the below tables:

Table 64: Renewable Purchase Obligation approved by the Commission for 4th MYT Control Period

S. No.	Particulars	Base Year Projection	Multi-Year Projections				
		FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Sales Within UT	298.47	331.69	350.66	372.48	398.26	429.67
2	Wind RPO Target	0.67%	1.45%	1.97%	2.45%	2.95%	3.48%
3	HPO Target	0.38%	1.22%	1.34%	1.42%	1.42%	1.33%
4	Distributed Renewable Energy Target	1.50%	2.10%	2.70%	3.30%	3.90%	4.50%
5	Other RPO Target	27.35%	28.24%	29.94%	31.64%	33.10%	34.02%
6	Total Target (%)	29.91%	33.01%	35.95%	38.81%	41.36%	43.33%
7	RPO Target (MUs)						
8	Wind RPO Target (MUs)	2.00	4.81	6.91	9.13	11.75	14.95
9	HPO Target (MUs)	1.13	4.05	4.70	5.29	5.66	5.71

S. No.	Particulars	Base Year Projection	Multi-Year Projections				
		FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
10	Distributed Renewable Energy Target (MUs)	4.48	6.97	9.47	12.29	15.53	19.34
11	Other RPO Target (MUs)	81.63	93.67	104.99	117.85	131.83	146.17
12	Total RPO Target (MUs)	89.24	109.49	126.06	144.56	164.76	186.18
13	RPO Compliance (Actual Purchase)						
14	Wind RPO	0.00	0.00	0.00	0.00	0.00	0.00
15	HPO	0.00	0.00	0.00	0.00	0.00	0.00
16	Distributed Renewable Energy (Gen. within territory)	9.52	3.83	3.75	3.75	3.75	3.75
17	Other RPO	105.92*	36.47	36.28	36.58	36.58	36.58
18	Total RPO Compliance (Actual Purchase)	115.44	40.30	40.03	40.33	40.33	40.33
19	RPO Target (including Backlog of FY 2024-25)						
20	Wind RPO Target	2.00	6.81	6.91	9.13	11.75	14.95
21	HPO Target	1.13	5.18	4.70	5.29	5.66	5.71
22	Distributed Renewable Energy Target	4.48	6.97	9.47	12.29	15.53	19.34
23	Other RPO Target	144.16	131.91	104.99	117.85	131.83	146.17
24	RPO Target (including Backlog)	151.77	150.86	126.06	144.56	164.76	186.18
25	RPO Compliance (required to be fulfilled through purchase of REC)						
26	Wind RPO Target		6.81	6.91	9.13	11.75	14.95
27	HPO Target		5.18	4.70	5.29	5.66	5.71
28	Distributed Renewable Energy Target		3.14	5.72	8.54	11.78	15.59
29	Other RPO Target		95.44	68.71	81.27	95.25	109.59
30	RPO Compliance (required to be fulfilled through purchase of REC)	-	110.56	86.03	104.23	124.43	145.85

***Note:**

*Other RPO includes the Actual purchase of 26.78 MUs and 79.14 MUs of REC purchase. The projection of RPO compliance is based on projected sales and existing RPO norms. However, the actual compliance may vary as per the actual sales and change in norms if any.

5.6 Power Purchase Quantum and Cost

5.6.1 Power Purchase Quantum

Petitioner's submission

The Petitioner submits that the energy requirement is mainly met from own generation and power purchase from HPPs & IPPs. There is no availability of power from Central Generating Stations or from other sources/ open market/ power exchanges etc. The Petitioner proposes to meet the power requirement, during the ensuing control period from own generation as well as by procuring power from HPPs & IPPs. The mix of own generation & power purchase shall change during the respective years of the control period based on the island wise demand & sources of available power. Hence, the present scenario is likely to continue and is projected that energy requirement for FY 2025-26, FY 2026-27, FY 2027-28, FY 2028-29 and FY 2029-30 shall be met through mix of own generation and power purchase as has been the case in the current control period.

The Generation forecast is based on the plant availability and energy demand for the period. Accordingly, generation from own plants for the control period FY 2025-26 to FY2029-30 is estimated and submitted in the table below.

Table 65: Details of the proposed Gross Power Generation from own generation for control period from FY 2025-26 to FY 2029-30

Particulars	FY	FY	FY	FY	FY
	2025-26	2026-27	2027-28	2028-29	2029-30
Units Generated (Own Generation)	99.16	102.86	163.28	163.28	163.28
Auxiliary Consumption	2.84	2.91	2.97	2.97	2.97
Sent Out	96.32	99.96	160.31	160.31	160.31

Table 66: Details of the proposed Gross Power Generation from own generation for 4th control period from FY 2025-26 to FY 2029-30

SL. No.	Source	Total Capacity	Gross Generation								
		(MW)	(MU)								
		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
1	Chatham										
2	Phoneix Bay										
3	Raj Niwas	0.77	0.19	0.77	0.2	0.77	0.22	0.77	0.22	0.77	0.22
4	Secretariat Power House	0.45	0.26	0.45	0.27	0.45	0.27	0.45	0.27	0.45	0.27
5	Chatham 11.2 MW (Proposed)			11.2	0	11.2	32.7	11.2	32.7	11.2	32.7
6	Phoneix Bay 8 MW (Proposed)			8	0	8	23.36	8	23.36	8	23.36
7	Rut Land	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
8	Raj Niwas (solar)	0.05	0.02	0.05	0.02	0.05	0.02	0.05	0.02	0.05	0.02
9	Havelock(Swaraj Deep)	4.43	16.35	4.43	16.35	4.43	16.35	4.43	16.35	4.43	16.35
10	Dugong Creek	0.09	0.05	0.09	0.05	0.09	0.05	0.09	0.05	0.09	0.05
11	Hutbay	4	16.67	4	16.67	4	16.67	4	16.67	4	16.67
12	Strait Island	0.13	0.16	0.13	0.16	0.13	0.16	0.13	0.16	0.13	0.16
13	Baratang	0	0	0	0	0	0	0	0	0	0
14	Rangat Bay	8.2	19.88	8.2	21.86	8.2	24.05	8.2	24.05	8.2	24.05

SL. No.	Source	Total Capacity	Gross Generation								
		(MW)	(MU)								
		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
15	Long Island	0.64	0.56	0.64	0.57	0.64	0.58	0.64	0.58	0.64	0.58
16	Hanspuri	0.03	0.03	0.04	0.03	0.05	0.04	0.05	0.04	0.05	0.04
17	Kadamtala	0	0	0	0	0	0	0	0	0	0
18	Sita Nagar	4.4	11.39	4.4	11.39	4.4	11.85	4.4	11.85	4.4	11.85
19	KHEP**(Kalpong)	4.2	13.9	4.46	14.15	4.46	14.45	4.46	14.45	4.46	14.45
20	Car Nicobar (Kinyuka)	4	7.47	4	8.07	4	8.57	4	8.57	4	8.57
21	Car Nicobar (Old)	0	0	0	0	0	0	0	0	0	0
22	Kamorta	1.02	3.08	1.02	3.39	1.02	3.73	1.02	3.73	1.02	3.73
23	Champion	0.43	0.44	0.43	0.49	0.43	0.53	0.43	0.53	0.43	0.53
24	Katchal	1.11	0.98	1.11	1	1.11	1.02	1.11	1.02	1.11	1.02
25	Chowra	0.3	0.28	0.3	0.28	0.3	0.28	0.3	0.28	0.3	0.28
26	Teressa	0.51	0.71	0.51	0.71	0.51	0.72	0.51	0.72	0.51	0.72
27	Campbell Bay	3.25	6.42	3.25	6.86	3.25	7.31	3.25	7.31	3.25	7.31
28	Bunder Khari Power House	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.01
29	Derring Power House	0.06	0.03	0.06	0.03	0.06	0.03	0.06	0.03	0.06	0.03
30	Alukheak Power House	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
31	Changua Power House	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
32	Munak Power House	0.02	0.04	0.02	0.04	0.02	0.04	0.02	0.04	0.02	0.04
33	Hitoi Power House	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
34	Afrabay Power House	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.04	0.03	0.04
35	Pillolow Power House	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.02
36	Pilowbha Power House	0.01	0.02	0.01	0.02	0.01	0.03	0.01	0.03	0.01	0.03
37	Pilow Pinja Power House	0.01	0.03	0.01	0.03	0.01	0.03	0.01	0.03	0.01	0.03
38	Macachuwa Power House	0.05	0.03	0.05	0.03	0.05	0.04	0.05	0.04	0.05	0.04
39	Bangoan Power House	0.02	0	0.02	0	0.02	0	0.02	0	0.02	0
	TOTAL	38.37	99.16	57.84	102.86	57.85	163.28	57.85	163.28	57.85	163.28

Table 67: Power procurement quantum from other sources proposed by the Petitioner for the 4th control period FY 2025-26 to FY 2029-30

Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
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Power Purchase	357.93	398.69	382.85	433.15	487.82
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The details of the power procurement from other sources proposed by the Petitioner is provided in table no. 68:

Table 68: Details of Power procurement quantum from other sources proposed by the Petitioner for the 4th control period FY 2025-26 to FY 2029-30

SL. No.	Source	Installed Capacity (MW)	Energy (MU)	Installed Capacity (MW)	Energy (MU)	Installed Capacity (MW)	Energy (MU)	Installed Capacity (MW)	Energy (MU)	Installed Capacity (MW)	Energy (MU)
		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
Gas based Plant											
1	50 MW LNG					50 MW LNG Power Plant is expected on 2027 and after its inception all other hiring Power plant at South Andaman will be removed. The PPA has been executed with NTPC and unit cost to be decided by CERC					
Hired Power Plant (HSD) Generation											
2	HPP (10MW)-V SS&S	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08
3	Aggreko Plant/NTPC (5 MW)	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04
4	Express/NTPC (10 MW) B/flat	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08
5	HPP (5MW) - Aggreko	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04
6	HPP (5MW) - SRGC	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04
7	HPP (10 MW) at Chatham Power House	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08
8	HPP (5 MW) Bambooflat	5.00	30.00	5.00	30.00	5.00	30.00	5.00	30.00	5.00	30.00
9	HPP (5 MW) Ograbraj	5.00	30.00	5.00	30.00	5.00	30.00	5.00	30.00	5.00	30.00
10	Shaheed Power House (Hiring)	2.60	7.03	2.60	7.03	2.60	7.03	2.60	7.03	2.60	7.03
11	Swaraj Dweep Short Term Hiring	3.00	8.20	3.00	8.20	3.00	8.20	3.00	8.20	3.00	8.20

SL. No.	Source	Installed Capacity (MW)	Energy (MU)								
		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
12	Baratang (Hiring)	3.50	3.50	3.50	3.70	3.50	3.70	3.50	3.70	3.50	3.70
13	Panighat, Mayabandar Private	4.80	16.30	4.80	18.75	4.80	18.75	4.80	18.75	4.80	18.75
14	Smith Island	0.08	0.06	0.08	0.06	0.08	0.06	0.08	0.06	0.08	0.06
15	Gandhi Nagar	0.08	0.10	0.08	0.10	0.08	0.10	0.08	0.10	0.08	0.10
16	Shanti Nagar	0.08	0.05	0.08	0.05	0.08	0.05	0.08	0.05	0.08	0.05
17	Ganesh Nagar	0.08	0.07	0.08	0.07	0.08	0.07	0.08	0.07	0.08	0.07
	Total	69.22	374.67	69.22	377.32	69.22	377.32	69.22	377.32	69.22	377.32
Solar Power Plant (Independent Power Producer)											
18	5 MW Solar PV Plant, Garacharma NTPC	5.00	5.65	5.00	5.54	5.00	5.54	5.00	5.54	5.00	5.54
19	20 MW SPV Power Plant, NLC	20.00	16.90	20.00	16.57	20.00	16.57	20.00	16.57	20.00	16.57
20	1 MW Rooftop Solar, SECI	1.00	0.89	1.00	0.87	1.00	0.87	1.00	0.87	1.00	0.87
21	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.62	2.84	2.57	2.84	2.57	2.84	2.57	2.84	2.57
22	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.32	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
23	Secretariat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	29.15	26.38	29.15	25.86	29.15	25.86	29.15	25.86	29.15	25.86
	Sub Total	97.88	401.07	98.38	403.19	98.38	403.19	98.38	403.19	98.38	403.19
24	Deficit								29.96		84.63
25	Surplus		43.14		4.50		20.34				

SL. No.	Source	Installed Capacity (MW)	Energy (MU)								
		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Total	97.88	357.93	98.38	398.69	98.38	382.85	98.38	433.15	98.38	487.82

Commission's Analysis

The Commission has approved Power Purchase Quantum for the 4th MYT Control Period in the Business Plan order dated 21st October 2025 based on power purchase from other sources and their own generation sets with detailed deliberations. Accordingly, the Commission does not find it appropriate to repeat the same here as the same has been considered in the MYT order for the 4th Control Period (FY 2025-26 to FY 2029-30) as shown in the table below:

Table 69: Details of the approved Gross Power Generation from own generation for the 4th control period FY 2025-26 to FY 2029-30

SL. No.	Source	Total Capacity	Gross Generation								
		(MW)	(MU)								
		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
Own Diesel Generation (HSD)											
1	Chatham										
2	Phoneix Bay										
3	Raj Niwas	0.77	0.22	0.77	0.22	0.77	0.22	0.77	0.22	0.77	0.22
4	Secretariat Power House	0.45	0.27	0.45	0.27	0.45	0.27	0.45	0.27	0.45	0.27
5	Chatham 11.2 MW (Proposed)	0.00	0.00	11.20	32.70	11.20	32.70	11.20	32.70	11.20	32.70
6	Phoneix Bay 8 MW (Proposed)	0.00	0.00	8.00	23.36	8.00	23.36	8.00	23.36	8.00	23.36
7	Rut Land	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
8	Havelock(Swaraj Deep)	4.43	16.35	4.43	16.35	4.43	16.35	4.43	16.35	4.43	16.35
9	Dugong Creek	0.09	0.05	0.09	0.05	0.09	0.05	0.09	0.05	0.09	0.05
10	Hutbay	4.00	16.67	4.00	16.67	4.00	16.67	4.00	16.67	4.00	16.67
11	Strait Island	0.13	0.16	0.13	0.16	0.13	0.16	0.13	0.16	0.13	0.16
12	Baratang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Rangat Bay	8.20	24.05	8.20	24.05	8.20	24.05	8.20	24.05	8.20	24.05
14	Long Island	0.64	0.58	0.64	0.58	0.64	0.58	0.64	0.58	0.64	0.58
15	Hanspuri	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04
16	Kadamtala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Sita Nagar	4.40	11.85	4.40	11.85	4.40	11.85	4.40	11.85	4.40	11.85
18	Car Nicobar (Kinyuka)	4.00	8.57	4.00	8.57	4.00	8.57	4.00	8.57	4.00	8.57
19	Car Nicobar (Old)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Kamorta	1.02	3.73	1.02	3.73	1.02	3.73	1.02	3.73	1.02	3.73
21	Champion	0.43	0.53	0.43	0.53	0.43	0.53	0.43	0.53	0.43	0.53
22	Katchal	1.11	1.02	1.11	1.02	1.11	1.02	1.11	1.02	1.11	1.02
23	Chowra	0.30	0.28	0.30	0.28	0.30	0.28	0.30	0.28	0.30	0.28
24	Teressa	0.51	0.72	0.51	0.72	0.51	0.72	0.51	0.72	0.51	0.72
25	Campbell Bay	3.25	7.31	3.25	7.31	3.25	7.31	3.25	7.31	3.25	7.31

SL. No.	Source	Total Capacity	Gross Generation								
		(MW)	(MU)								
		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
26	Bunder Khari Power House	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.01
27	Derring Power House	0.06	0.03	0.06	0.03	0.06	0.03	0.06	0.03	0.06	0.03
28	Alukheak Power House	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
29	Changua Power House	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30	Munak Power House	0.02	0.04	0.02	0.04	0.02	0.04	0.02	0.04	0.02	0.04
31	Hitoi Power House	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
32	Afrabay Power House	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
33	Pillolow Power House	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.02
34	Pilowbha Power House	0.01	0.03	0.01	0.03	0.01	0.03	0.01	0.03	0.01	0.03
35	Pilow Pinja Power House	0.01	0.03	0.01	0.03	0.01	0.03	0.01	0.03	0.01	0.03
36	Macachuwa Power House	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04
37	Bangoan Power House	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00
	TOTAL	34.13	92.75	53.33	148.81	53.33	148.81	53.33	148.81	53.33	148.81
Hydro Power Plant											
38	KHEP (Kalpong)	4.46	14.45	4.46	14.45	4.46	14.45	4.46	14.45	4.46	14.45
Solar Power Plant											
39	Raj Niwas (solar)	0.05	0.02	0.05	0.02	0.05	0.02	0.05	0.02	0.05	0.02
	TOTAL	38.64	107.22	57.84	163.28	57.84	163.28	57.84	163.28	57.84	163.28

Table 70: Details of the approved Net Power Generation from own generation for 4th control period FY 2025-26 to FY 2029-30

Particulars	FY	FY	FY	FY	FY
	2025-26	2026-27	2027-28	2028-29	2029-30
Gross Units Generated (Own Generation)	107.22	163.28	163.28	163.28	163.28

Particulars	FY	FY	FY	FY	FY
	2025-26	2026-27	2027-28	2028-29	2029-30
Less: Auxiliary Consumption	1.95	2.97	2.97	2.97	2.97
Net Units Generated	105.27	160.31	160.31	160.31	160.31

Table 71: Approved power procurement quantum from other sources for control period FY 2025-26 to FY 2029-30

Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Power Purchase (MUs)	403.19	403.19	403.19	403.19	403.19

The details of the power procurement from other sources approved by the Commission is provided in table no. 72:

Table 72: Approved power procurement quantum (MUs) from other sources for the 4th Control period FY 2025-26 to FY 2029-30

SL. No.	Source	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)
		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
Gas based Plant											
1	50 MW LNG					50 MW LNG Power Plant is expected on 2027 and after its inception all other hiring Power plant at South Andaman will be removed. The PPA has been executed with NTPC and unit cost to be decided by CERC					
Hired Power Plant (HSD) Generation											
2	HPP (10MW)-V SS&S	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08
3	Aggreko Plant/NTPC (5 MW)	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04
4	Express/NTPC (10 MW) B/flat	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08
5	HPP (5MW) - Aggreko	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04
6	HPP (5MW) - SRGC	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04	5.00	35.04

SL. No.	Source	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)
		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
7	HPP (10 MW) at Chatham Power House	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08	10.00	58.08
8	HPP (5 MW) Bambooflat	5.00	30.00	5.00	30.00	5.00	30.00	5.00	30.00	5.00	30.00
9	HPP (5 MW) Ograbraj	5.00	30.00	5.00	30.00	5.00	30.00	5.00	30.00	5.00	30.00
10	Shaheed Power House (Hiring)	2.60	7.03	2.60	7.03	2.60	7.03	2.60	7.03	2.60	7.03
11	Swaraj Dweep Short Term Hiring	3.00	8.20	3.00	8.20	3.00	8.20	3.00	8.20	3.00	8.20
12	Baratang (Hiring)	3.50	3.70	3.50	3.70	3.50	3.70	3.50	3.70	3.50	3.70
13	Panighat, Mayabandar Private	4.80	18.75	4.80	18.75	4.80	18.75	4.80	18.75	4.80	18.75
14	Smith Island	0.08	0.06	0.08	0.06	0.08	0.06	0.08	0.06	0.08	0.06
15	Gandhi Nagar	0.08	0.10	0.08	0.10	0.08	0.10	0.08	0.10	0.08	0.10
16	Shanti Nagar	0.08	0.05	0.08	0.05	0.08	0.05	0.08	0.05	0.08	0.05
17	Ganesh Nagar	0.08	0.07	0.08	0.07	0.08	0.07	0.08	0.07	0.08	0.07
	Total	69.22	377.32								

SL. No.	Source	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)	Installed Capacity (MW)	Energy available for procurement by the Petitioner (MU)
		FY 2025-26	FY 2026-27	FY 2026-27	FY 2027-28	FY 2027-28	FY 2028-29	FY 2028-29	FY 2029-30	FY 2029-30	
Solar Power Plant (Independent Power Producer)											
18	5 MW Solar PV Plant, Garacharma NTPC	5.00	5.54	5.00	5.54	5.00	5.54	5.00	5.54	5.00	5.54
19	20 MW SPV Power Plant, NLC	20.00	16.57	20.00	16.57	20.00	16.57	20.00	16.57	20.00	16.57
20	1 MW Rooftop Solar, SECI	1.00	0.87	1.00	0.87	1.00	0.87	1.00	0.87	1.00	0.87
21	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.57	2.84	2.57	2.84	2.57	2.84	2.57	2.84	2.57
22	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
23	Secretariat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	29.15	25.86								
	Sub Total	98.38	403.19								

5.6.2 Power Purchase Cost

Petitioner's Submission

The Petitioner submitted that the merit order dispatch principles are typically adopted when determining the power purchases from various generating stations. However, in the present case there are limited sources of purchase of power and 100% of the generation is available. Accordingly, the Petitioner has considered utilization /purchase of the entire power available from all the possible sources during FY 2025-26, FY 2026-27, FY 2027-28, FY 2028-29 and FY 2029-30 to meet the demand to the extent possible.

Power Purchase cost is a function of the energy requirement and price of available power from the different sources for meeting the energy requirement. The energy requirement of the Petitioner for FY 2025-26, FY 2026-27, FY 2027-28, FY 2028-29 and FY 2029-30 is proposed to be met from own generation & power purchase from sources as detailed above.

The Petitioner has projected the quantum of power generation from the generating stations based on the units generated for the FY 2022-23 & FY 2023-24 and proposed capacity additions during the control period. However, in case of projected deficit /surplus of energy availability in any financial year, the cost of power purchase has been adjusted based on the average cost of power purchase for the respective years to reflect the cost of power actually availed during the year. The details of the computation of cost of power generation and purchases are provided below.

Table 73: Summary of Power Purchase Expenses proposed by the Petitioner for the FY 2025-26

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
1	50 MW LNG										
2	HPP (10MW)-V SS&S	10.00	58.08	1.01	0.00	0.27	15681.60	80.74	140.60	147.11	22.83
3	Aggreko Plant/NTPC (5 MW)	5.00	35.04	1.02	0.00	0.27	9460.80	80.74	103.90	108.76	22.84
4	Express/NTPC (10 MW) B/flat	10.00	58.08	1.10	0.00	0.27	15681.60	80.74	176.72	185.63	22.92
5	HPP (5MW) - Aggreko	5.00	35.04	1.10	0.00	0.27	9460.80	80.74	89.71	94.23	22.92
6	HPP (5MW) - SRGC	5.00	35.04	0.92	0.00	0.27	9460.80	0.00	0.00	0.00	0.00
7	HPP (10 MW) at Chatham Power House	10.00	58.08	0.92	0.00	0.27	15681.60	80.74	190.97	199.03	22.72
8	HPP (5 MW) Bambooflat	5.00	30.00	0.86	0.00	0.27	8100.00	80.74	95.58	99.61	22.74
9	HPP (5 MW) Ograbraj	5.00	30.00	0.90	0.00	0.27	8100.00	0.00	0.00	0.00	0.00
10	Shaheed Power House (Hiring)	2.60	7.03	0.89	0.00	0.29	2039.20	0.00	0.00	0.77	1.10

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
11	Swaraj Dweep Short Term Hiring	3.00	8.20	1.16	0.00	0.28	2295.09	0.00	0.00	0.95	1.16
12	HPP (5 MW) at P/Pur ND Office (Proposed)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Secretariat										
14	5 MW Solar PV Plant, GaracharnaNTPC	5.00	5.65	9.35	5.28	0.00	0.00	0.00	0.00	0.00	0.00
15	20 MW SPV Power Plant, NLC	20.00	16.90	6.99	11.82	0.00	0.00	0.00	0.00	0.00	0.00
16	1 MW Rooftop Solar, SECI	1.00	0.89	4.44	0.39	0.00	0.00	0.00	0.00	0.00	0.00
17	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.62	2.20	0.58	0.00	0.00	0.00	0.00	0.00	0.00
18	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.32	2.20	0.07	0.00	0.00	0.00	0.00	0.07	2.20
19	Baratang (Hiring)	3.00	3.50	1.06	0.00	0.27	3713.68	81.37	7.51	7.95	22.69

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
20	Panighat, Mayabandar Private	4.80	16.30	0.96	1.56	0.26	4289.60	81.37	34.90	36.47	22.37
21	Smith Island	0.08	0.06	107.00*	0.68	0.79	49.99	0.00	0.00	0.68	107.00
22	Gandhi Nagar	0.08	0.10	107.00*	1.10	0.55	56.36	0.00	0.00	1.10	107.00
23	Shanti Nagar	0.08	0.05	107.00*	0.56	0.93	48.71	0.00	0.00	0.56	107.00
24	Ganesh Nagar	0.08	0.07	107.00*	0.78	0.71	51.61	0.00	0.00	0.78	107.00
25	Total	97.88	401.07		22.83		104171.44		840.00	883.70	22.03
26	Deficit										
	Surplus		43.14							95.06	
	Total	97.88	357.93							788.64	

*Per hour charges as submitted by the Petitioner in current Petition.

Table 74: Summary of Power Purchase Expenses proposed by the Petitioner for the FY 2026-27

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
1	50 MW LNG										
2	HPP (10MW)-V SS&S	10.00	58.08	1.01	0.00	0.27	15681.60	83.97	163.78	171.06	23.70
3	Aggreko Plant/NTPC (5 MW)	5.00	35.04	1.02	0.00	0.27	9460.80	83.97	121.03	126.47	23.71

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
4	Express/NTPC (10 MW) B/flat	10.00	58.08	1.10	0.00	0.27	15681.60	83.97	205.85	215.82	23.79
5	HPP (5MW) - Aggreko	5.00	35.04	1.10	0.00	0.27	9460.80	83.97	104.49	109.56	23.80
6	HPP (5MW) - SRGC	5.00	35.04	0.92	0.00	0.27	9460.80	83.97	99.40	103.43	23.61
7	HPP (10 MW) at Chatham Power House	10.00	58.08	0.92	0.00	0.27	15681.60	83.97	198.80	206.86	23.61
8	HPP (5 MW) Bambooflat	5.00	30.00	0.86	0.00	0.29	8100.00	0.00	0.00	0.00	0.00
9	HPP (5 MW) Ograbraj	5.00	30.00	0.90	0.00	0.28	8100.00	0.00	0.00	0.00	0.00
10	Shaheed Power House (Hiring)	2.60	7.03	0.89	0.00	0.00	2039.21		0.00	0.77	1.10
11	Swaraj Dweep Short Term Hiring	3.00	8.20	1.16	0.00	0.00	2295.09	0.00	0.00	0.95	1.16
12	HPP (5 MW) at P/Pur ND Office (Proposed)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Secretariat										

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
14	5 MW Solar PV Plant, GaracharnaNTPC	5.00	5.34	9.35	5.18	0.00	0.00	0.00	0.00	0.00	0.00
15	20 MW SPV Power Plant, NLC	20.00	16.57	6.99	11.58	0.00	0.00	0.00	0.00	0.00	0.00
16	1 MW Rooftop Solar, SECI	1.00	0.87	4.39	0.38	0.00	0.00	0.00	0.00	0.00	0.00
17	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.57	2.20	0.57	0.00	0.00	0.00	0.00	0.00	0.00
18	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.31	2.20	0.07	0.00	0.00	0.00	0.00	0.00	0.00
19	Baratang (Hiring)	3.50	3.70	1.06	0.00	0.27	922.70	81.37	7.51	7.97	21.53
20	Panighat, Mayabandar Private	4.80	18.75	0.96	0.00	0.26	4933.04	81.37	40.14	42.05	22.43
21	Smith Island	0.08	0.06	107.00*	0.00	0.79	50.49	0.00		0.00	0.00
22	Gandhi Nagar	0.08	0.10	107.00*	0.00	0.55	56.92	0.00	0.00	0.00	0.00
23	Shanti Nagar	0.08	0.05	107.00*	0.00	0.93	49.20	0.00	0.00	0.00	0.00
24	Ganesh Nagar	0.08	0.07	107.00*	0.00	0.71	52.12	0.00	0.00	0.00	0.00
25	Total	98.38	403.19		17.77		102025.97		941.00	984.96	24.43
26	Deficit										

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
	Surplus		4.50							10.98	
	Total		398.69							973.98	

*Per hour charges as submitted by the Petitioner in current Petition.

Table 75: Summary of Power Purchase Expenses proposed by the Petitioner for the FY 2027-28

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
1	50 MW LNG	50 MW LNG Power Plant is expected on 2027 and after its inception all other hiring Power plant at South Andaman will be removed. The PPA has been executed with NTPC and unit cost to be decided by CERC									
2	HPP (10MW)-V SS&S	10.00	58.08	1.01	0.00	0.27	15681.60	83.97	163.61	170.90	23.43
3	Aggreko Plant/NTPC (5 MW)	5.00	35.04	1.02	0.00	0.27	9460.80	83.97	120.90	126.34	24.06
4	Express/NTPC (10 MW) B/flat	10.00	58.08	1.10	0.00	0.27	15681.60	83.97	205.85	215.82	24.16
5	HPP (5MW) - Aggreko	5.00	35.04	1.10	0.00	0.27	9460.80	83.97	104.49	109.56	24.27
6	HPP (5MW) - SRGC	5.00	35.04	0.92	0.00	0.27	9460.80	83.97	99.40	103.43	23.52

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
7	HPP (10 MW) at Chatham Power House	10.00	58.08	0.92	0.00	0.27	15681.60	83.97	0.00	0.00	0.00
8	HPP (5 MW) Bambooflat	5.00	30.00	0.90	0.00	0.27	8100.00	0.00	0.00	0.00	0.00
9	HPP (5 MW) Ograbraj	5.00	30.00	0.90	0.00	0.27	8100.00	0.00	0.00	0.00	0.00
10	Shaheed Power House (Hiring)	2.60	7.03	0.89		0.29	2039.20	0.00	0.00	0.77	1.10
11	Swaraj Dweep Short Term Hiring	3.00	8.20	1.16		0.28	0.00	0.00	0.00	0.95	1.16
12	HPP (5 MW) at P/Pur ND Office (Proposed)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Secretariat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	5 MW Solar PV Plant, GaracharnaNTPC	5.00	5.54	9.35	5.18	0.00	0.00	0.00	0.00	0.00	0.00
15	20 MW SPV Power Plant, NLC	20.00	16.57	6.99	11.58	0.00	0.00	0.00	0.00	0.00	0.00
16	1 MW Rooftop Solar, SECI	1.00	0.87	4.39	0.38	0.00	0.00	0.00	0.00	0.00	0.00

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
17	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.57	2.20	0.57	0.00	0.00	0.00	0.00	0.00	0.00
18	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.31	2.20	0.07	0.00	0.00	0.00	0.00	0.07	2.20
19	Baratang (Hiring)	3.50	3.70	1.06		0.27	922.70	81.37	7.51	7.97	21.53
20	Panighat, Mayabandar Private	4.80	18.75	0.96		0.26	4933.04	81.37	40.14	42.05	22.43
21	Smith Island	0.08	0.06	107.00*	0.69	0.79	50.49	0.00	0.00	0.69	107.00
22	Gandhi Nagar	0.08	0.10	107.00*	1.11	0.55	56.92	0.00	0.00	1.11	107.00
23	Shanti Nagar	0.08	0.05	107.00*	0.57	0.93	49.20	0.00	0.00	0.57	107.00
24	Ganesh Nagar	0.08	0.07	107.00*	0.79	0.71	52.12		0.00	0.79	107.0
25	Total	98.38	403.19		20.93		99730.87		741.91	781.03	19.37
26	Deficit										

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
	Surplus		20.34							39.40	
	Total		382.85							741.63	

*Per hour charges as submitted by the Petitioner in current Petition.

Table 76: Summary of Power Purchase Expenses proposed by the Petitioner for the FY 2028-29

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
1	50 MW LNG	50 MW LNG Power Plant is expected on 2027 and after its inception all other hiring Power plant at South Andaman will be removed. The PPA has been executed with NTPC and unit cost to be decided by CERC									
2	HPP (10MW)-V SS&S	10.00	58.08	1.01	0.00	0.27	15681.60	83.97	163.61	170.90	23.68
3	Aggreko Plant/NTPC (5 MW)	5.00	35.04	1.02	0.00	0.27	9460.90	83.97	120.90	126.34	23.69
4	Express/NTPC (10 MW) B/flat	10.00	58.08	1.10	0.00	0.27	15681.60	83.97	205.85	215.82	23.79
5	HPP (5MW) - Aggreko	5.00	35.04	1.10	0.00	0.27	9460.80	83.97	104.49	109.56	23.79
6	HPP (5MW) - SRGC	5.00	35.04	0.92	0.00	0.27	9460.80	83.97	99.40	103.43	23.61

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
7	HPP (10 MW) at Chatham Power House	10.00	58.08	0.92	0.00	0.27	15681.60	83.97	198.80	206.86	23.61
8	HPP (5 MW) Bambooflat	5.00	30.00	0.86	0.00	0.27	8100.00	0.00	0.00	0.00	0.00
9	HPP (5 MW) Ograbraj	5.00	30.00	0.90	0.00	0.27	8100.00	0.00	0.00	0.00	0.00
10	Shaheed Power House (Hiring)	2.60	7.03	0.89	0.00	0.29	2045.94	0.00	0.00	0.77	1.10
11	Swaraj Dweep Short Term Hiring	3.00	8.20	1.16	0.00	0.28	2295.53	0.00	0.00	0.95	1.16
12	HPP (5 MW) at P/Pur ND Office (Proposed)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Secretariat										
14	5 MW Solar PV Plant, GaracharnaNTPC	5.00	5.54	9.35	5.18	0.00	0.00	0.00	0.00	5.18	9.35
15	20 MW SPV Power Plant, NLC	20.00	16.57	6.99	11.58	0.00	0.00	0.00	0.00	11.58	6.99
16	1 MW Rooftop Solar, SECI	1.00	0.87	4.39	0.38	0.00	0.00	0.00	0.00	0.38	4.39

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
17	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.57	2.20	0.57	0.00	0.00	0.00	0.00	0.57	2.20
18	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.31	2.20	0.07	0.00	0.00	0.00	0.00	0.07	2.20
19	Baratang (Hiring)	3.50	3.70	1.06	0.00	0.27	922.70	81.17	7.51	7.97	21.53
20	Panighat, Mayabandar Private	4.80	18.75	0.96	0.00	0.26	4933.04	81.37	40.14	42.05	22.43
21	Smith Island	0.08	0.06	107.00*	0.69	0.79	50.49	0.00	0.00	0.69	107.00
22	Gandhi Nagar	0.08	0.10	107.00*	1.11	0.35	56.92	0.00	0.00	1.11	107.00
23	Shanti Nagar	0.08	0.05	107.00*	0.57	0.93	49.20			0.57	107.00
24	Ganesh Nagar	0.08	0.07	107.00*	0.79	0.71	52.12	0.00	0.00	0.79	107.00
25	Total	98.38	403.19		20.93		102033.14		940.71	1005.60	24.94
26	Deficit		29.96							74.73	
	Surplus										
	Total		433.15							1080.33	

*Per hour charges as submitted by the Petitioner in current Petition.

Table 77: Summary of Power Purchase Expenses proposed by the Petitioner for the FY 2029-30

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
1	50 MW LNG	50 MW LNG Power Plant is expected on 2027 and after its inception all other hiring Power plant at South Andaman will be removed. The PPA has been executed with NTPC and unit cost to be decided by CERC									
2	HPP (10MW)-V SS&S	10.00	58.08	1.01	0.00	0.27	15681.60	83.97	163.61	170.90	23.68
3	Aggreko Plant/NTPC (5 MW)	5.00	35.04	1.02	0.00	0.27	9460.80	83.97	120.90	126.34	23.69
4	Express/NTPC (10 MW) B/flat	10.00	58.08	1.10	0.00	0.27	15681.60	83.97	205.85	215.82	23.79
5	HPP (5MW) - Aggreko	5.00	35.04	1.10	0.00	0.27	9460.80	83.97	104.49	109.56	23.79
6	HPP (5MW) - SRGC	5.00	35.04	0.92	0.00	0.27	9460.80	83.97	99.40	103.43	23.61
7	HPP (10 MW) at Chatham Power House	10.00	58.08	0.92	0.00	0.27	15681.60	83.97	198.80	206.86	23.61
8	HPP (5 MW) Bambooflat	5.00	30.00	0.86	0.00	0.27	8100.00	0.00	0.00	0.00	0.00
9	HPP (5 MW) Ograbraj	5.00	30.00	0.90	0.00	0.27	8100.00	0.00	0.00	0.00	0.00
10	Shaheed Power House (Hiring)	2.60	7.03	0.89	0.00		2045.94	0.00	0.00	0.77	1.10

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
11	Swaraj Dweep Short Term Hiring	3.00	8.20	1.16	0.00	0.28	2295.53	0.00	0.00	0.95	1.10
12	HPP (5 MW) at P/Pur ND Office (Proposed)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Secretariat										
14	5 MW Solar PV Plant, GaracharnaNTPC	5.00	5.54	9.35	5.18	0.00	0.00	0.00	0.00	5.18	9.35
15	20 MW SPV Power Plant, NLC	20.00	16.57	6.99	11.58		0.00	0.00	0.00	1 1.58	6.99
16	1 MW Rooftop Solar, SECI	1.00	0.87	4.39	0.38	0.00	0.00	0.00	0.00	0.38	4.39
17	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.57	2.20	0.57	0.00	0.00	0.00	0.00	0.57	2.20
18	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.31	2.20	0.07	0.00	0.00	0.00	0.00	0.07	2.20
19	Baratang (Hiring)	3.50	3.70	1.06		0.27	922.70	81.37	7.51	7.97	21.53

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
20	Panighat, Mayabandar Private	4.80	18.75	0.96	0.00	0.26	4933.04	81.37	40.14	42.05	22.43
21	Smith Island	0.08	0.06	107.00*	0.69	0.79	50.49		0.00	0.69	107.00
22	Gandhi Nagar	0.08	0.10	107.00*	1.11	0.55	56.92	0.00	0.00	1.11	107.00
23	Shanti Nagar	0.08	0.05	107.00*	0.57	0.93	49.20	0.00	0.00	0.57	107.00
24	Ganesh Nagar	0.08	0.07	107.00*	0.79	0.71	52.12	0.00	0.00	0.79	107.00
25	Total	98.38	403.19		20.93		102033.14		940.71	1005.60	24.94
26	Deficit		84.63							211.07	
	Surplus										
	Total		487.82							1216.67	

*Per hour charges as submitted by the Petitioner in current Petition.

Commission's Analysis

The Commission has approved the power available from own generation, IPPs and HPPs for the 4th MYT Control Period in the Business Plan order dated 21st October 2025 with detailed deliberations.

The Commission found that the Petitioner has proposed different capacity and gross generation for same plants during the Control period. Accordingly, the Commission vide its deficiency note dated 6th October 2025, asked the Petitioner for its justification but the Petitioner did not reply and hence failed to justify their discrepancies. The Commission opines that the capacity of the power plants (own generating plants as well as IPPs) should remain same for entire Control Period unless the amendment to the capacity PPAs and associated gross energy generations are approved by the Commission. Hence, in absence of justification/ reply, the Commission considers same capacity and gross generation for the entire Control Period from same power plants (own plants and IPPs). The Commission approves the Power availability based on the power generated from the Petitioner's own generation, other sources and the energy requirement approved by the Commission for the Control Period.

The Commission has decided to allow the same Unit Cost for each power plant, SFC of the plants and the Average HSD rate as submitted by the Petitioner. The Commission is approving the power purchase cost in the ARR on provisional basis and directs the Petitioner to get all the PPAs approved on the priority basis failing which the Power Purchase Cost in respect to new PPAs signed shall be disallowed in the true-up of the respective years of the 4th MYT Control Period. The Commission further directs the Petitioner to get PPA approved by the Commission before procuring power from any generating stations in future.

Determination of Power Purchase Cost (Fixed cost of HPP, Solar (IPP), Hydro plant and Fuel requirement for the 4th Control Period.**Table 78: Power Purchase Expenses for FY 2025-26**

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate (Rs/litre)	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
1	HPP (10MW)-V SS&S	10.00	58.08	1.01	5.87	0.27	15681.60	80.74	126.61	132.48	22.81
2	Aggreko Plant/NTPC (5 MW)	5.00	35.04	1.02	3.57	0.27	9460.80	80.74	76.39	79.96	22.82
3	Express/NTPC (10 MW) B/flat	10.00	58.08	1.10	6.39	0.27	15681.60	80.74	126.61	133.00	22.90
4	HPP (5MW) - Aggreko	5.00	35.04	1.10	3.85	0.27	9460.80	80.74	76.39	80.24	22.90
5	HPP (5MW) - SRGC	5.00	35.04	0.92	3.22	0.27	9460.80	0.00	0.00	3.22	0.92
6	HPP (10 MW) at Chatham Power House	10.00	58.08	0.92	5.34	0.27	15681.60	80.74	126.61	131.96	22.72
7	HPP (5 MW) Bambooflat	5.00	30.00	0.86	2.58	0.27	8100.00	80.74	65.40	67.98	22.66
8	HPP (5 MW) Ograbraj	5.00	30.00	0.90	2.70	0.27	8100.00	0.00	0.00	2.70	0.90
9	Shaheed Power House (Hiring)	2.60	7.03	0.89	0.63	0.29	2038.70	0.00	0.00	0.63	0.89
10	Swaraj Dweep Short Term Hiring	3.00	8.20	1.16	0.95	0.28	2296.00	0.00	0.00	0.95	1.16
11	Baratang (Hiring)	3.50	3.70	1.06	0.39	0.27	999.00	81.37	8.13	8.52	23.03
12	Panighat, Mayabandar Private	4.80	18.75	0.96	1.80	0.26	4875.00	81.37	39.67	41.47	22.12
13	Smith Island	0.08	0.06	107.00*	0.09**	0.79	47.40	0.00	0.00	0.09	15.62
14	Gandhi Nagar	0.08	0.10	107.00*	0.09**	0.55	55.00	0.00	0.00	0.09	9.37
15	Shanti Nagar	0.08	0.05	107.00*	0.09**	0.93	46.50	0.00	0.00	0.09	18.75
16	Ganesh Nagar	0.08	0.07	107.00*	0.09**	0.71	49.70	0.00	0.00	0.09	13.39
Total		69.22	377.32		37.67***		102034.50		645.81	683.48	18.11

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate (Rs/litre)	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
17	5 MW Solar PV Plant, GaracharnaNTPC	5.00	5.54	9.35	5.18	0.00	0.00	0.00	0.00	5.18	9.35
18	20 MW SPV Power Plant, NLC	20.00	16.57	6.99	11.58	0.00	0.00	0.00	0.00	11.58	6.99
19	1 MW Rooftop Solar, SECI	1.00	0.87	4.44	0.39	0.00	0.00	0.00	0.00	0.39	4.44
20	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.57	2.20	0.57	0.00	0.00	0.00	0.00	0.57	2.20
21	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.31	2.20	0.07	0.00	0.00	0.00	0.00	0.07	2.20
Total		29.15	25.86		17.78		0.00		0.00	17.78	6.88
Sub Total		98.38	403.19		55.46		104171.44		645.81	701.27	17.39

*This is the per hour fixed cost only (inclusive of O&M cost and 18% GST).

**power purchase cost for these plants has been determined by the formula((per hour fixed cost inclusive of GST) x (No. of hours in a year)).

*** This is the fixed cost only, as fuel has been provided by the department separately.

Table 79: Power Purchase Expenses for FY 2026-27

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
1	HPP (10MW)-V SS&S	10.00	58.08	1.01	5.87	0.27	15681.60	83.97	131.68	137.54	23.68
2	Aggreko Plant/NTPC (5 MW)	5.00	35.04	1.02	3.57	0.27	9460.80	83.97	79.44	83.02	23.69

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
3	Express/NTPC (10 MW) B/flat	10.00	58.08	1.10	6.39	0.27	15681.60	83.97	131.68	138.07	23.77
4	HPP (5MW) - Aggreko	5.00	35.04	1.10	3.85	0.27	9460.80	83.97	79.44	83.30	23.77
5	HPP (5MW) - SRGC	5.00	35.04	0.92	3.22	0.27	9460.80	83.97	79.44	82.67	23.59
6	HPP (10 MW) at Chatham Power House	10.00	58.08	0.92	5.34	0.27	15681.60	83.97	131.68	137.02	23.59
7	HPP (5 MW) Bambooflat	5.00	30.00	0.86	2.58	0.29	8700.00	0.00	0.00	2.58	0.86
8	HPP (5 MW) Ograbraj	5.00	30.00	0.90	2.70	0.28	8400.00	0.00	0.00	2.70	0.90
9	Shaheed Power House (Hiring)	2.60	7.03	0.89	0.63	0.00	0.00	0.00	0.00	0.63	0.89
10	Swaraj Dweep Short Term Hiring	3.00	8.20	1.16	0.95	0.00	0.00	0.00	0.00	0.95	1.16
11	Baratang (Hiring)	3.50	3.70	1.06	0.39	0.27	999.00	81.37	8.13	8.52	23.03
12	Panighat, Mayabandar Private	4.80	18.75	0.96	1.80	0.26	4875.00	81.37	39.67	41.47	22.12
13	Smith Island	0.08	0.06	107.00*	0.09**	0.79	47.40	0.00	0.00	0.09	15.62
14	Gandhi Nagar	0.08	0.10	107.00*	0.09**	0.55	55.00	0.00	0.00	0.09	9.37
15	Shanti Nagar	0.08	0.05	107.00*	0.09**	0.93	46.50	0.00	0.00	0.09	18.75
16	Ganesh Nagar	0.08	0.07	107.00*	0.09**	0.71	49.70	0.00	0.00	0.09	13.39
Total		69.22	377.32		37.67***		98599.80		681.16	718.83	19.05
17	5 MW Solar PV Plant, GaracharnaNTPC	5.00	5.54	9.35	5.18	0.00	0.00	0.00	0.00	5.18	9.35

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
18	20 MW SPV Power Plant, NLC	20.00	16.57	6.99	11.58	0.00	0.00	0.00	0.00	11.58	6.99
19	1 MW Rooftop Solar, SECI	1.00	0.87	4.39	0.38	0.00	0.00	0.00	0.00	0.38	4.39
20	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.57	2.20	0.57	0.00	0.00	0.00	0.00	0.57	2.20
21	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.31	2.20	0.07	0.00	0.00	0.00	0.00	0.07	2.20
Total		29.15	25.86		17.78		0.00		0.00	17.78	6.87
Sub Total		98.38	403.19		55.45		104171.44		681.16	736.61	18.27

*This is the per hour fixed cost only (inclusive of O&M cost and 18% GST).

**power purchase cost for these plants has been determined by the formula((per hour fixed cost inclusive of GST) x (No, of hours in a year)).

*** This is the fixed cost only, as fuel has been provided by the department separately.

Table 80: Power Purchase Expenses for FY 2027-28

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
1	50 MW LNG	50 MW LNG Power Plant is expected on 2027 and after its inception all other hiring Power plant at South Andaman will be removed. The PPA has been executed with NTPC and unit cost to be decided by CERC									
2	HPP (10MW)-V SS&S	10.00	58.08	1.01	5.87	0.27	15681.60	83.97	131.68	137.54	23.68

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
3	Aggreko Plant/NTPC (5 MW)	5.00	35.04	1.02	3.57	0.27	9460.80	83.97	79.44	83.02	23.69
4	Express/NTPC (10 MW) B/flat	10.00	58.08	1.10	6.39	0.27	15681.60	83.97	131.68	138.07	23.77
5	HPP (5MW) - Aggreko	5.00	35.04	1.10	3.85	0.27	9460.80	83.97	79.44	83.30	23.77
6	HPP (5MW) - SRGC	5.00	35.04	0.92	3.22	0.27	9460.80	83.97	79.44	82.67	23.59
7	HPP (10 MW) at Chatham Power House	10.00	58.08	0.92	5.34	0.27	15681.60	83.97	131.68	137.02	23.59
8	HPP (5 MW) Bambooflat	5.00	30.00	0.90	2.70	0.27	8100.00	0.00	0.00	2.70	0.90
9	HPP (5 MW) Ograbraj	5.00	30.00	0.90	2.70	0.27	8100.00	0.00	0.00	2.70	0.90
10	Shaheed Power House (Hiring)	2.60	7.03	0.89	0.63	0.29	2038.70	0.00	0.00	0.63	0.89
11	Swaraj Dweep Short Term Hiring	3.00	8.20	1.16	0.95	0.28	2296.00	0.00	0.00	0.95	1.16
12	Baratang (Hiring)	3.50	3.70	1.06	0.39	0.27	1002.70	81.37	8.16	8.55	23.11
13	Panighat, Mayabandar Private	4.80	18.75	0.96	1.80	0.26	4934.25	81.37	40.15	41.95	22.37
14	Smith Island	0.08	0.06	107.00*	0.09**	0.79	47.40	0.00	0.00	0.09	15.62
15	Gandhi Nagar	0.08	0.10	107.00*	0.09**	0.55	55.00	0.00	0.00	0.09	9.37
16	Shanti Nagar	0.08	0.05	107.00*	0.09**	0.93	46.50	0.00	0.00	0.09	18.75
17	Ganesh Nagar	0.08	0.07	107.00*	0.09**	0.71	49.70	0.00	0.00	0.09	13.39
Total		69.22	377.32		37.79***		102097.45		681.67	719.47	19.07

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
18	5 MW Solar PV Plant, GaracharnaNTPC	5.00	5.54	9.35	5.18	0.00	0.00	0.00	0.00	5.18	9.35
19	20 MW SPV Power Plant, NLC	20.00	16.57	6.99	11.58	0.00	0.00	0.00	0.00	11.58	6.99
20	1 MW Rooftop Solar, SECI	1.00	0.87	4.39	0.38	0.00	0.00	0.00	0.00	0.38	4.39
21	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.57	2.20	0.57	0.00	0.00	0.00	0.00	0.57	2.20
22	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.31	2.20	0.07	0.00	0.00	0.00	0.00	0.07	2.20
Total		29.15	25.86		17.78		0.00		0.00	17.78	6.87
Sub Total		98.38	403.19		55.57		104171.44		681.67	737.24	18.29

*This is the per hour fixed cost only (inclusive of O&M cost and 18% GST).

**power purchase cost for these plants has been determined by the formula((per hour fixed cost inclusive of GST) x (No, of hours in a year)).

*** This is the fixed cost only, as fuel has been provided by the department separately.

Table 81: Power Purchase Expenses for FY 2028-29

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
1	50 MW LNG	50 MW LNG Power Plant is expected on 2027 and after its inception all other hiring Power plant at South Andaman will be removed. The PPA has been executed with NTPC and unit cost to be decided by CERC									

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
2	HPP (10MW)-V SS&S	10.00	58.08	1.01	5.87	0.27	15681.60	83.97	131.68	137.54	23.68
3	Aggreko Plant/NTPC (5 MW)	5.00	35.04	1.02	3.57	0.27	9460.80	83.97	79.44	83.02	23.69
4	Express/NTPC (10 MW) B/flat	10.00	58.08	1.10	6.39	0.27	15681.60	83.97	131.68	138.07	23.77
5	HPP (5MW) - Aggreko	5.00	35.04	1.10	3.85	0.27	9460.80	83.97	79.44	83.30	23.77
6	HPP (5MW) - SRGC	5.00	35.04	0.92	3.22	0.27	9460.80	83.97	79.44	82.67	23.59
7	HPP (10 MW) at Chatham Power House	10.00	58.08	0.92	5.34	0.27	15681.60	83.97	131.68	137.02	23.59
8	HPP (5 MW) Bambooflat	5.00	30.00	0.86	2.58	0.27	8100.00	0.00	0.00	2.58	0.86
9	HPP (5 MW) Ograbraj	5.00	30.00	0.90	2.70	0.27	8100.00	0.00	0.00	2.70	0.90
10	Shaheed Power House (Hiring)	2.60	7.03	0.89	0.63	0.29	2038.70	0.00	0.00	0.63	0.89
11	Swaraj Dweep Short Term Hiring	3.00	8.20	1.16	0.95	0.28	2296.00	0.00	0.00	0.95	1.16
12	Baratang (Hiring)	3.50	3.70	1.06	0.39	0.27	999.00	81.17	8.11	8.50	22.98
13	Panighat, Mayabandar Private	4.80	18.75	0.96	1.80	0.26	4875.00	81.37	39.67	41.47	22.12
14	Smith Island	0.08	0.06	107.00*	0.09**	0.79	47.40	0.00	0.00	0.09	15.62
15	Gandhi Nagar	0.08	0.10	107.00*	0.09**	0.35	35.00	0.00	0.00	0.09	9.37
16	Shanti Nagar	0.08	0.05	107.00*	0.09**	0.93	46.50	0.00	0.00	0.09	18.75
17	Ganesh Nagar	0.08	0.07	107.00*	0.09**	0.71	49.70	0.00	0.00	0.09	13.39
Total		69.22	377.32		37.67***		102014.50		681.14	718.81	19.05

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
18	5 MW Solar PV Plant, GaracharnaNTPC	5.00	5.54	9.35	5.18	0.00	0.00	0.00	0.00	5.18	9.35
19	20 MW SPV Power Plant, NLC	20.00	16.57	6.99	11.58	0.00	0.00	0.00	0.00	11.58	6.99
20	1 MW Rooftop Solar, SECI	1.00	0.87	4.39	0.38	0.00	0.00	0.00	0.00	0.38	4.39
21	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.57	2.20	0.57	0.00	0.00	0.00	0.00	0.57	2.20
22	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.31	2.20	0.07	0.00	0.00	0.00	0.00	0.07	2.20
Total		29.15	25.86		17.78		0.00		0.00	17.78	6.87
Sub Total		98.38	403.19		55.45		104171.44		681.14	736.59	18.27

*This is the per hour fixed cost only (inclusive of O&M cost and 18% GST).

**power purchase cost for these plants has been determined by the formula((per hour fixed cost inclusive of GST) x (No, of hours in a year)).

*** This is the fixed cost only, as fuel has been provided by the department separately.

Table 82: Power Purchase Expenses for FY 2029-30

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
1	50 MW LNG	50 MW LNG Power Plant is expected on 2027 and after its inception all other hiring Power plant at South Andaman will be removed. The PPA has been executed with NTPC and unit cost to be decided by CERC									
2	HPP (10MW)-V SS&S	10.00	58.08	1.01	5.87	0.27	15681.60	83.97	131.68	137.54	23.68

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
3	Aggreko Plant/NTPC (5 MW)	5.00	35.04	1.02	3.57	0.27	9460.80	83.97	79.44	83.02	23.69
4	Express/NTPC (10 MW) B/flat	10.00	58.08	1.10	6.39	0.27	15681.60	83.97	131.68	138.07	23.77
5	HPP (5MW) - Aggreko	5.00	35.04	1.10	3.85	0.27	9460.80	83.97	79.44	83.30	23.77
6	HPP (5MW) - SRGC	5.00	35.04	0.92	3.22	0.27	9460.80	83.97	79.44	82.67	23.59
7	HPP (10 MW) at Chatham Power House	10.00	58.08	0.92	5.34	0.27	15681.60	83.97	131.68	137.02	23.59
8	HPP (5 MW) Bambooflat	5.00	30.00	0.86	2.58	0.27	8100.00	0.00	0.00	2.58	0.86
9	HPP (5 MW) Ograbraj	5.00	30.00	0.90	2.70	0.27	8100.00	0.00	0.00	2.70	0.90
10	Shaheed Power House (Hiring)	2.60	7.03	0.89	0.63	0.00	0.00	0.00	0.00	0.63	0.89
11	Swaraj Dweep Short Term Hiring	3.00	8.20	1.16	0.95	0.28	2296.00	0.00	0.00	0.95	1.16
12	Baratang (Hiring)	3.50	3.70	1.06	0.39	0.27	999.00	81.37	8.13	8.52	23.03
13	Panighat, Mayabandar Private	4.80	18.75	0.96	1.80	0.26	4875.00	81.37	39.67	41.47	22.12
14	Smith Island	0.08	0.06	107.00*	0.09**	0.79	47.40	0.00	0.00	0.09	15.62
15	Gandhi Nagar	0.08	0.10	107.00*	0.09**	0.55	55.00	0.00	0.00	0.09	9.37
16	Shanti Nagar	0.08	0.05	107.00*	0.09**	0.93	46.50	0.00	0.00	0.09	18.75
17	Ganesh Nagar	0.08	0.07	107.00*	0.09**	0.71	49.70	0.00	0.00	0.09	13.39
Total		69.22	377.32		37.67***		99995.80		681.16	718.83	19.05

SL. No.	Source	Installed Capacity (MW)	Energy (MUs)	Unit Cost as per PPA	FC (Rs Cr)	SFC as per PPA	HSD consumption (kl)	Average HSD Rate	VC (Rs Cr)	Total (Rs Cr)	Avg. Cost (Rs./units)
18	5 MW Solar PV Plant, GaracharnaNTPC	5.00	5.54	9.35	5.18	0.00	0.00	0.00	0.00	5.18	9.35
19	20 MW SPV Power Plant, NLC	20.00	16.57	6.99	11.58	0.00	0.00	0.00	0.00	11.58	6.99
20	1 MW Rooftop Solar, SECI	1.00	0.87	4.39	0.38	0.00	0.00	0.00	0.00	0.38	4.39
21	2.84 MW Rooftop Solar, M/s Mundra Solar PV Ltd.	2.84	2.57	2.20	0.57	0.00	0.00	0.00	0.00	0.57	2.20
22	0.31 MW Rooftop Solar, M/s Mundra Solar PV Ltd. Car Nicobar	0.31	0.31	2.20	0.07	0.00	0.00	0.00	0.00	0.07	2.20
Total		29.15	25.86		17.78		0.00		0.00	17.78	6.87
Sub Total		98.38	403.19		55.45		104171.44		681.16	736.61	18.27

*This is the per hour fixed cost only (inclusive of O&M cost and 18% GST).

**power purchase cost for these plants has been determined by the formula((per hour fixed cost inclusive of GST) x (No, of hours in a year)).

*** This is the fixed cost only, as fuel has been provided by the department separately.

For the projections of Fuel Cost the Commission has considered ~1.60% reduction in the Specific HSD Consumption i.e. has reduced 288.54 ml/kWh which was approved by the Commission in the ARR for FY 2024-25, by ~1.60% over the years and ~3.50% reduction in the Specific Lube oil consumption i.e. has reduced 0.98 ml/kWh which was approved by the Commission in the ARR for FY 2024-25, by ~3.50% over the years.

The Commission has approved the same Average Cost of HSD per litre i.e. 90.35 Rs/litre and same Average Cost of Lube Oil consumption per litre i.e. 216.62 Rs/litre for all the years of the 4th MYT Control Period.

Further, the Commission has noted that while claiming the power purchase cost for fully owned renewable generation, the Petitioner has not submitted the cost. Hence, considering the fact that the same are being considered in other components of ARR, which are linked to GFA the Commission approves the following fuel cost for HSD based own generation plants:

Table 83: Fuel Cost approved by the Commission for Own Generation Plants for the 4th Control Period

Sr. No	Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Total Gross Generation	107.22	163.28	163.28	163.28	163.28
2	Solar Generation + Hydro Generation	14.47	14.47	14.47	14.47	14.47
3	Net Diesel generation	92.75	148.81	148.81	148.81	148.81
4	Specific HSD Consumption (ml per kWh)	283.83	279.18	274.41	269.70	264.97
5	Average Cost of HSD per litre (Rs.)	90.35	90.35	90.35	90.35	90.35
6	Total HSD requirement	26325182.72	41544449.65	40834712.50	40133737.54	39429841.84
7	Cost of HSD [(3 X 4/1000 X 5)/ 10] (Rs. crores)	237.85	375.35	368.94	362.61	356.25
8	Specific Lube Oil consumption (ml per kWh)	0.95	0.92	0.89	0.85	0.82
9	Average Cost of Lube Oil per litre (Rs.)	216.63	216.63	216.63	216.63	216.63
10	Total Lube oil requirement	87994.10	136525.26	131870.99	127216.72	122562.45
11	Cost of Lube Oil [(3 X 8/1000 X 9)/10] (Rs. crores)	1.91	2.96	2.86	2.76	2.66
12	Total Fuel Cost (Rs. crores)	239.75	378.31	371.80	365.36	358.90

Further, the Commission observed that energy available with the Petitioner is more than energy requirement. Therefore, the Commission has adjusted the quantum and the cost of energy available from Hired stations to match with energy requirement as under:

Table 84: Fuel Cost approved by the Commission for HPPs for the 4th Control Period

Particulars	Units	Formula	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Own Generation	MUs	A	105.27	160.31	160.31	160.31	160.31
HPS Generation	MUs	B	403.19	403.19	403.19	403.19	403.19
Solar quantum	MUs	B1	25.86	25.86	25.86	25.86	25.86
Energy Requirement	MUs	C	375.47	395.83	419.28	447.04	480.94
Net HPS Generation Considered	MUs	D=C-A-B1	244.34	209.66	233.11	260.87	294.77
Fixed cost of HPS Generation considered	Rs Crore	F	55.46	55.45	55.57	55.45	55.45

Particulars	Units	Formula	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
(including Solar power)							
Gross Variable cost of HPS generation	Rs Crore	G	590.35	625.71	626.10	625.69	625.71
Average Variable rate of HPS Generation	Rs/Unit	$H=G/(B-B1)*10$	15.67	16.58	16.59	16.58	16.58
Net HPS Generation Variable cost considered	Rs Crore	$I=D*H/10$	382.28	347.66	386.79	432.57	488.79

The total cost of Power purchase including the cost of own generation, Fixed cost for IPPs and HPPs and the cost of Fuel for power purchase from other sources has been given in the table below:

Table 85: Total Power Purchase Cost approved by the Commission for the 4th Control Period

Particulars	FY	FY	FY	FY	FY
	2025-26	2026-27	2027-28	2028-29	2029-30
Own generation cost	239.75	378.31	371.80	365.36	358.90
Power purchase (Fixed cost for IPP projects)	55.46	55.45	55.57	55.45	55.45
Cost of Fuel for Power purchase from other sources	382.28	347.66	386.79	432.57	488.79
Total	677.49	781.43	814.16	853.38	903.15

5.7 Operation and Maintenance Expenses

The Operation & Maintenance Expenses comprise of the Employee Expenses, Administrative and General Expenses (A&G) and the Repair & Maintenance Expenses (R&M). Regulation 72 of the JERC MYT Regulation, 2024 states the following:

“72.1 The Operation and Maintenance Expenses for the Retail Supply Business shall be computed in accordance with this Regulation.

72.2 O&M Expenses shall comprise of the following:

- Employee expenses - salaries, wages, pension contribution and other employee costs;*
- Administrative and General expenses including insurance charges if any; and*
- Repairs and Maintenance expenses.*

72.3 The Licensee shall submit the required O&M expenses for the Control Period as a part of Multi Year Tariff Petition. O&M expenses for the base Year shall be approved by the Commission taking into account the latest available audited accounts, business plan filed by the Distribution Licensee, estimates of the actuals for the Base Year, prudence check and any other factors considered appropriate by the Commission.

72.4 O&M expenses for the nth Year of the Control Period shall be approved based on the formula given below:

$O\&M_n = (R\&M_n + EMP_n + A\&G_n) \times (1 - X_n) + \text{Terminal Liabilities}$

Where,

$R\&M_n = K \times GF_{An-1} \times (1 + WPI_{inflation})$

$EMP_n = (EMP_{n-1}) \times (1 + G_n) \times (1 + CPI_{inflation})$

$A\&G_n = (A\&G_{n-1}) \times (1 + CPI_{inflation})$

'K' is a constant (expressed in %). Value of K for each Year of the Control Period shall be determined by the Commission in the Multi Year Tariff Order based on Licensee's filing, benchmarking of repair and maintenance expenses, approved repair and maintenance expenses vis-à-vis GFA approved by the Commission in past and any other factor considered appropriate by the Commission;

CPIinflation – is the average increase in Consumer Price Index (CPI) for immediately preceding three (3) Years before the base Year;

WPIinflation – is the average increase in the Wholesale Price Index (CPI) for immediately preceding three (3) Years before the base Year;

EMP_n – Employee expenses of the Distribution Licensee for the nth Year;

A&G_n – Administrative and General expenses of the Distribution Licensee for the nth Year;

R&M_n – Repair and Maintenance expenses of the Distribution Licensee for the nth Year;

GF_{An-1} – Gross Fixed Asset of the Distribution Licensee for the n-1th Year;

X_n is an efficiency factor for nth Year. Value of *X_n* shall be determined by the Commission in the Multi Year Tariff Order based on Licensee's filing, benchmarking, approved cost by the Commission in past and any other factor the Commission feels appropriate;

G_n is a growth factor for the nth Year. Value of *G_n* shall be determined by the Commission for each Year in the Multi Year Tariff Order for meeting the additional manpower requirement based on Licensee's filings, benchmarking, approved cost by the Commission in past and any other factor that the Commission feels appropriate:

Provided that in case the Licensee has been in operation for less than three (3) Years as on the date of effectiveness of these Regulations, the O&M Expenses shall be determined on a case-to-case basis.

72.5 Terminal liabilities of employees of Licensee including pension expenses etc. shall be approved as per actuals submitted by the Licensee, subject to prudence check or be established through actuarial studies. Additionally, any variation due to changes recommended by the pay commission shall be allowed separately by the Commission, subject to prudence check.

72.6 For the purpose of estimation, the same value of factors – CPI inflation and WPI inflation shall be used for all Years of the Control Period. However, the Commission shall consider the actual values of the factors – CPI inflation and WPI inflation during the truing up exercise for the Year for which true up is being carried out and true up the O&M Expenses for that Year, only to the extent of inflation.

Provided that at the time of truing up, the variation in the normative and actual O&M expenses shall be dealt in accordance with Regulation 15."

In accordance with above Regulations, the Commission has approved the Employee Expenses, A&G Expenses and R&M Expenses as elaborated below.

A) Employee Expenses

Petitioner's Submission

The Petitioner has determined the employee cost for the control period by taking the actual employee expenses for the FY 2023-24 as base and escalating the same at the rate of 5.46% year over year i.e.

average increase in CPI for immediately preceding three (3) Years and further adjusted for the growth factor during year to arrive at the projected employee expenses for each year of the Control period.

Table 86: Employee Expenses proposed by the Petitioner for the 4th Control Period (FY 2025-26 to FY 2029-30)

Particulars	Approved				
	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Employee Expenses	203.96	205.40	210.76	214.05	217.61

Commission's Analysis

In accordance with the JERC MYT Regulations, 2024, the Commission has determined the Employee expenses. Regulation 6 of the JERC MYT Regulations, 2024 stipulates the following:

“6. Values for Base Year

6.1 The values for the Base Year of the Control Period for the purpose of estimation, shall be determined on the basis of the audited accounts or provisional accounts of last three (3) Years, and/or other factors considered relevant by the Commission:

Provided that, in absence of availability of audited accounts or provisional accounts of last three (3) Years, the Commission may benchmark the parameters with other similar utilities to establish the values for Base Year:

Provided further that the Commission shall consider the values for Base Year, while truing up, considering the actual figures from audited accounts.”

The Commission is of the view that the data for CPI is available for FY 2024-25, hence the same has been considered for the projections of applicable CPI for the 4th Control period.

Table 87: Computation of CPI Inflation

Particulars	Average Value of CPI for FY	Increase in CPI Index	Average increase in CPI Index over 3 years	Applicable CPI
FY 2021-22	356.06			
FY 2022-23	377.62	6.05%	4.87%	
FY 2023-24	397.20	5.19%		
FY 2024-25	410.64	3.38%		
FY 2025-26 to FY 2029-30				4.87%

The Commission has approved Man Power Plan for the 4th MYT Control Period in the Business Plan order dated 20th August 2025 with detailed deliberations. Accordingly, the Commission does not find it appropriate to repeat the same here as the same has been considered in the MYT order for the 4th Control Period (FY 2025-26 to FY 2029-30).

Further, as the Petitioner has not submitted the Truing-up petition from FY 2022-23 to FY 2024-25, hence, the Commission has considered the last approved (Tariff Order for FY 2024-25) value of employee expenses as base value to determine the employee expenses for the 4th Control Period. The same shall be revisited at the time of Truing up. The detailed computation has been shown in the table below:

Table 88: Approved Employee Expenses for the 4th Control Period

S. No	Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Number of employees as on 1st April	1884	1862	1778	1730	1666
2	Employees on deputation/ foreign service as on 1st April					
3	Total number of employees as on 1st April (1+2)	1884	1862	1778	1730	1666
4	Permanent Posts filled during the year	94	90	25	40	40
5	Number of employees retired/ retiring/ Expired/VR/Resigned during the year	112	112	109	88	104
6	Number of employees at the end of the year (4-5)	1862	1778	1730	1666	1606
7	No. Employees on contract/deputation/ foreign service at end of year					
8	Total no. of employees at the end of the year	1862	1778	1730	1666	1606
9	Growth factor (Gn)	-1.17%	-4.51%	-2.70%	-3.70%	-3.60%
10	Employee Cost (n-1) year	202.87	210.27	210.57	214.88	217.01
11	CPI Inflation	4.87%	4.87%	4.87%	4.87%	4.87%
12	Employee Expenses=(EMP(n-1)) x (1+Gn) x (1+CPI inflation) (Rs. Crore)	210.27	210.57	214.88	217.01	219.40

B) Administrative and General Expenses

Petitioner's Submission

The Petitioner, has projected the A&G expenses comprise of the following broad subheads of expenditure, viz.

- Domestic Travelling Expenses
- Office Expenses
- Legal, Regulatory & Consultancy Fees
- Insurance etc.

The projection of Administrative & General Expenses for the control period based on the actual expenses for the FY 2023-24. The expenses for the FY 2023-24 have been escalated by average increase in Consumer Price Index (CPI) for immediately preceding three (3) Years i.e. 5.46% year over year to arrive at the projected A&G expenses for each year of the Control period. The projected A&G expenses is provided in the table below.

Table 89: A&G Expenses proposed by the Petitioner for the 4th Control Period

Particular	Unit	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
A&G Expenses of Previous Year	Rs. Cr.	9.16	9.66	10.19	10.75	11.34
CPI Inflation	In %	5.46%	5.46%	5.46%	5.46%	5.46%

Particular	Unit	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Projected A&G expenses	Rs. Cr.	9.66	10.19	10.75	11.34	11.95

Commission's Analysis

Similar to the methodology followed while estimating the employee expenses, the Commission has determined the A&G expenses for the Control Period. The detail computation has been shown in the table below:

Table 90: Computation of CPI Inflation

Particulars	Average Value of CPI for FY	Increase in CPI Index	Average increase in CPI Index over 3 years	Applicable CPI
FY 2021-22	356.06	5.13%	4.87%	
FY 2022-23	377.62	6.05%		
FY 2023-24	397.20	5.19%		
FY 2024-25	410.64	3.38%		
FY 2025-26 to FY 2029-30				4.87%

The A&G expenses approved by the Commission in the MYT Control Period have been provided in the following table:

Table 91: A&G Expenses approved by the Commission for the 4th Control Period

Particular	Unit	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Base A&G expenses approved in Tariff Order (n-1)year	Rs. Cr.	2.81	2.95	3.09	3.24	3.40
CPI (%)	%	4.87%	4.87%	4.87%	4.87%	4.87%
A&G Expenses	Rs. Cr.	2.95	3.09	3.24	3.40	3.56

C) Repair and Maintenance Expenses (R&M)

Petitioner's Submission

The Petitioner has submitted that the K factor has been calculated based on the average of the ratio of R&M expenses to GFA for last 3 financial years (FY 2021-22, FY2022-23 & FY 2023-24). Further, average increase in WPI for the immediately 3 preceding years FY 2021-22, FY 2022-23 & FY 2023-24) has been considered. Thereafter, projected R&M expenses for each year of the control period i.e. FY 2025-26, 2026-27, 2027-28, 2028-29 and 2029-30 has been calculated considering the opening GFA for the respective year and applying the 'K' factor & average WPI as above.

Accordingly, the proposed R&M Expenses for the Control period is as follows:

Table 92: Proposed R&M Expenses for the 4th Control period

Particular	Unit	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Projected R&M Expenses	Rs. Cr.	45.10	45.83	46.44	47.05	47.95

Commission's Analysis

The Commission observed that the Petitioner has not provided details regarding the parameters used for the computation of R & M expenses in the petition and even in the reply to the data gaps dated 6th October 2025.

In the absence of the same the Commission has considered the 'K' factor same as approved in the Tariff Order dated 10th June 2024. The 'K' factor is kept constant for all the years of the Control Period and multiplied with the opening GFA of the respective year. The resultant amount is then escalated by WPI Inflation to arrive upon the R&M Expenses for each year of the Control Period.

The Commission is of the view that the data for WPI is available for FY 2024-25, hence the same has been considered for the projections of the 4th Control period. The WPI Inflation has been computed as follows:

Table 93: Computation of WPI Inflation

Particulars	Average Value of WPI for FY	Increase in WPI Index	Average increase in WPI Index over 3 years	Applicable WPI
FY 2021-22	139.41	13.00%		
FY 2022-23	152.53	9.41%		
FY 2023-24	151.42	-0.73%	3.65%	
FY 2024-25	154.86	2.27%		
FY 2025-26 to FY 2029-30				3.65%

Accordingly, the R&M expenses approved by the Commission for the 4th Control period from FY 2025-26 to 2029-30 is as follows:

Table 94: R&M Expenses approved by the Commission for the 4th Control Period

Particulars	Unit	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Opening GFA (GFAn-1)	Rs. Cr.	688.70	659.89	671.44	683.04	695.13
K factor approved (K) (%)	%	9.46%	9.46%	9.46%	9.46%	9.46%
WPI Inflation(%)	%	3.65%	3.65%	3.65%	3.65%	3.65%
R&M Expenses = K x (GFA n-1) x (1+WPIinflation)	Rs. Cr.	67.53	64.71	65.84	66.98	68.16

Total Operation and Maintenance Expenditure

The total O&M expenses approved by the Commission for the 4th Control Period from FY 2025-26 to FY 2029-30 is as follows:

Table 95: O&M Expenses approved by the Commission for 4th Control Period (Rs. Crore)

S. No	Particular	Approved by Commission				
		FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Employee Expenses	210.27	210.57	214.88	217.01	219.40
2	A&G Expenses	2.95	3.09	3.24	3.40	3.56
3	R&M Expenses	67.53	64.71	65.84	66.98	68.16
	Total O&M Expenses	280.75	278.37	283.96	287.39	291.12

5.8 Capital Expenditure, Capitalisation and Capital Structure

Petitioner's Submission

The Petitioner has submitted that it is currently implementing several ongoing schemes aimed at improving the overall infrastructure to enhance operational efficiency. In addition to the ongoing initiatives, EDA&N has also planned for system upgradation to address future needs and improve reliability. The details of the capital schemes are provided below with details of Capital Expenditure and Capitalisation.

The overview of the capital expenditure and capitalisation plan proposed by the Petitioner for the upcoming Control Period is as given in the table below:

Table 96: Year-Wise Capital Expenditure and Capitalisation as proposed by the Petitioner

Particulars (Rs. Cr.)	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Capital Expenditure	9.66	11.55	11.6	12.09	13.72
Capitalisation	9.66	11.55	11.6	12.09	13.72

Table 97: Funding details for the 4th MYT Control Period submitted by the Petitioner

Particulars	FY	FY	FY	FY	FY
	2025-26	2026-27	2027-28	2028-29	2029-30
Proposed Capital Expenditure	9.66	11.55	11.60	12.09	13.72
100% Equity from Central Government	9.66	11.55	11.60	12.09	13.72
Equity (30%)	2.90	3.46	3.48	3.63	4.11
Debt (Normative Debt in excess of 30%)	6.76	8.08	8.12	8.47	9.60
Total Funding	9.66	11.55	11.60	12.09	13.72

Commission's Analysis

The Commission has approved the Capital Expenditure and Capitalisation for the 4th MYT Control Period in the Business Plan order dated 21st October 2025 with detailed deliberations. Accordingly, the Commission does not find it appropriate to repeat the same here as the same has been considered in the MYT order for the 4th Control Period (FY 2025-26 to FY 2029-30) as shown in the below tables:

The Capital Expenditure and Capitalisation as approved is given in the following table:

Table 98: Year-Wise Capital Expenditure and Capitalisation approved by the Commission for the 4th control period

Particulars	Approved by the Commission (Rs. Cr.)				
	FY	FY	FY	FY	FY
	2025-26	2026-27	2027-28	2028-29	2029-30
Capital Expenditure	9.66	11.55	11.60	12.09	13.72
Capitalisation	9.66	11.55	11.60	12.09	13.72

The Commission directs the Petitioner to obtain Capex approval of this Commission separately for each scheme by filing petition for each scheme along with DPR including the 'Cost benefit analysis and Improvement in operational efficiency envisaged in each year of the Control Period owing to proposed investment'.

Table 99: Funding plan approved by the Commission for the 4th MYT Control Period

Particulars	Approved(Cr)				
	FY	FY	FY	FY	FY
	2025-26	2026-27	2027-28	2028-29	2029-30
Actual Capitalisation	9.66	11.55	11.60	12.09	13.72
Actual Funding					
Equity from Central Govt.	9.66	11.55	11.60	12.09	13.72

The Commission has approved the funding as Equity from GoI as proposed by the Petitioner. However, for computing the various components of ARR in subsequent MYT Order, the Commission has considered the Debt and Equity percentage as per Regulation 25 of MYT Regulations, 2024 and any equity deployed in excess of 30% of the capital cost of the project will be treated as normative loan.

Table 100: Normative Loan addition approved by the Commission for the 4th Control Period (Rs. Crore)

Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Normative Loan During the year (70% of the Capitalisation)	6.76	8.09	8.12	8.46	9.60

Table 101: Normative Equity addition approved by the Commission for the 4th Control period (Rs. Crore)

Particular	FY 2025-26	FY 2026- 27	FY 2027- 28	FY 2028- 29	FY 2029- 30
Equity Addition during year (30% of Capitalization)	2.90	3.47	3.48	3.63	4.12

5.9 Depreciation

Petitioner's Submission

The Petitioner submitted that it has computed the depreciation for FY 2025-26, 2026-27, 2027-28, 2028-29 and 2029-30 is computed on the basis of the GFA and asset addition during the respective years of the control period. The principles as provided in Regulation 31 of the MYT regulations has been followed to calculate the depreciation. Further, the rates of depreciation as specified in the Appendix-I of the MYT Regulations; 2024 has been considered.

Accordingly, the depreciation for each year of the control period has been given in the table below.

Table 102: Depreciation proposed by the Petitioner for the 4th Control Period (Rs. crore)

Particular	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Depreciation for year	18.47	18.68	18.89	19.11	19.36

Commission's Analysis

Regulation 31 of the MYT Regulations, 2024 stipulates the following:

"31. Depreciation

31.1 The value base for the purpose of depreciation shall be the capital cost of the asset admitted by the Commission:

Provided that the depreciation shall be allowed after reducing the approved original cost of the retired or replaced or decapitalized assets:

Provided also that no depreciation shall be allowed on the assets financed through consumer contribution, deposit work, capital subsidy or grant.

31.2 The salvage value of the asset shall be considered as 10% and depreciation shall be allowed up to a maximum of 90% of the capital cost of the asset.

Provided that the salvage value of Information Technology equipment and computer software shall be considered at zero (0) percent of the allowable capital cost.

31.3 Land other than the land held under lease shall not be a depreciable asset and its cost shall be excluded from the capital cost while computing depreciable value of the assets.

31.4 In case of existing assets, the balance depreciable value as on April 1, 2025, shall be worked out by deducting the cumulative depreciation as admitted by the Commission up to March 31, 2025, from the gross depreciable value of the assets.

31.5 The depreciation shall be chargeable from the first Year of commercial operations. In case of projected commercial operation of the assets during the Year, depreciation shall be computed based on the average of opening and closing value of assets:

Provided that depreciation shall be re-calculated during truing-up for assets capitalised at the time of truing up of each Year of the Control Period, based on documentary evidence of asset capitalised by the Applicant, subject to the prudence check of the Commission.

Provided further that in case, the operation of the asset is for a part of the year, depreciation shall be charged on proportionate basis:

31.6 The depreciation shall be calculated at rates and norms specified in Appendix-I of these Regulations.

Provided that for Generation and Transmission, the depreciation shall be calculated at the rate and norms specified in the prevalent CERC Tariff Regulations.

31.7 The Generating Company, Transmission or the Distribution Licensee shall provide the list of assets added and list of assets completing 90% of depreciation during each year of the Control Period along with the MYT Petition.

The Commission has observed that the Petitioner has not filed any Truing-up after FY 2021-22. Hence, the actual value of assets depreciated upto 90% as of now is currently not available with the Commission. Accordingly, the Commission has not considered any value of assets which would be depreciated upto 90% in the Control Period.

Further, assets created out of TRP (Tsunami Rehabilitation Programme) fund of worth Rs. 286.44 Crores has not been considered as these assets had been funded through special grant in the form of TRP fund only. Besides that, depreciation related to unserviceable assets amounting Rs 21.98 Crore has also not been considered. Accordingly, the Commission has considered the Net Opening GFA after the deduction of Assets on which depreciation is not allowed worth 308.42 Cr.

The Commission, based on the previous Tariff Order for FY 2024-25, has considered Rs 38.47 Crores as the value of assets which have been depreciated up to 90% and thus determined the depreciation for the 4th control period from FY 2025-26 to FY 2029-30 based on the GFA and depreciation rates approved in the Tariff Order for FY 2024-25.

Accordingly, the approved depreciation for FY 2025-26 to FY 2029-30 is as follows:

Table 103: Depreciation approved by the Commission for 4th Control Period (Rs. Crore)

Particular	Approved				
	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Opening Gross Fixed Asset	688.70	659.89	671.44	683.04	695.13

Particular	Approved				
	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Less: Assets on which depreciation is not allowed	308.42	308.42	308.42	308.42	308.42
Less: Assets depreciated up to 90%	38.47				
Net Opening GFA	341.81	351.47	363.02	374.62	386.71
Add: Assets added during the year	9.66	11.55	11.60	12.09	13.72
Closing Gross Fixed Asset	351.47	363.02	374.62	386.71	400.43
Average Gross Fixed Asset	346.64	357.25	368.82	380.67	393.57
Average Depreciation Rate	3.62%	3.62%	3.62%	3.62%	3.62%
Total Depreciation for year	11.30	11.65	12.02	12.41	12.83

5.10 Return on Equity

Petitioner's Submission

The Petitioner has calculated Equity in accordance with Regulation 28 of the MYT Regulations, 2024.

The Petitioner being a Government Department, the entire capital employed till date has been funded through equity infusion by the Central Government through budgetary support. The Return on Equity has been calculated considering Equity to be 30% of GFA. EDA&N has considered the opening balance of normative Equity as approved by the Commission in the APR Order Dt.01.08.2022 for the FY 2021-22 and thereafter 30% of the GFA addition for respective years have been considered as addition to normative equity for the year.

The average equity for the respective years has been considered in the ratio of 90:10 for wheeling and retail supply business. Further, RoE has been calculated @ 15.50% and 16% for wire business & retail supply business respectively for FY 2025-26, 2026-27, 2027-28, 2028-29 and 2029-30.

The following table summarizes Petitioner's submission:

Table 104: Return on Equity as submitted by the Petitioner (Rs. Crore)

Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Opening Balance of Equity	174.23	177.13	180.59	184.07	187.70
Net Additions during the Year	2.90	3.46	3.48	3.63	4.11
Closing Balance of Equity	177.13	180.59	184.07	187.70	191.81
Average Equity Amount	175.68	178.86	182.33	185.89	189.76
Average Equity (Wires Business) (90%)	158.11	160.97	164.10	167.30	170.78
Average Equity (Retail Supply Business) (10%)	17.57	17.89	18.23	18.59	18.98
Rate of Return on Equity for Wires Business (%)	15.5%	15.5%	15.5%	15.5%	15.5%
Rate of Return on Equity for Retail Supply Business (%)	16%	16%	16%	16%	16%
Return on Equity for Wires Business	24.51	24.95	25.44	25.93	26.47
Return on Equity for Retail Supply Business	2.81	2.86	2.92	2.97	3.04
ROE	27.32	27.81	28.35	28.91	29.51

Commission's Analysis

Regulations 28 of the JERC MYT Regulations, 2024 stipulate the following:

28.1 Return on equity shall be computed on the paid up equity capital determined in accordance with Regulation 27 for the assets put to use and shall be allowed in accordance with the prevalent CERC Tariff Regulations for the Generating Company and the transmission Licensees.

Provided that the Return on Equity shall be grossed up with the effective tax rate of the respective financial year.

28.2 The return on equity for the Distribution Wires Business shall be allowed on the equity capital determined in accordance with Regulation 27 for the assets put to use at 15.50% rate of return on equity.

28.3 The return on equity for the Retail Supply Business shall be allowed on the equity capital determined in accordance with Regulation 27 for the assets put to use, at the rate of sixteen (16) per cent per annum.

28.4 The return on equity shall be computed on average of equity capital at the beginning and end of Year.

Provided that asset funded by consumer contribution, capital subsidies/grants and corresponding depreciation shall not form part of the capital base. Actual equity infused in the Distribution Licensee as per book value shall be considered as perpetual and shall be used for computation in this Regulation.

RoE has been calculated on a normative basis on the average of opening and closing of equity during the year at the rate of 15.5%/16%. The opening equity for FY 2025-26 has been considered equivalent to the closing equity of FY 2024-25 (as approved in Tariff Order for FY 2024-25). Further, the Commission noted that in the previous Tariff Order for FY 2024-25, has considered Rs 38.47 Crores as the value of assets which have been depreciated up to 90% and thus Equity portion of these assets has been reduced from Gross Equity. The average equity is considered in the ratio of 90:10 for wheeling and retail supply business. As the Petitioner has not filed the Truing-up petition from FY 2020-21, the Commission has considered the rate of Income Tax as nil and will be considered on actual basis at the time of True up. The following table provides the RoE approved:

Table 105: Return on Equity approved by the Commission (Rs. Crore)

Particular	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Gross Equity	114.08	105.19	107.59	109.94	111.83
Less: Equity portion of assets depreciated more than 90%	11.54				
Net Opening Equity Amount	102.54	105.19	107.59	109.94	111.83
Equity Addition during year (30% of Capitalization)	2.66	2.40	2.35	1.89	1.42
Closing Equity Amount	105.19	107.59	109.94	111.83	113.25
Average Equity Amount	103.87	106.39	108.77	110.89	112.54
Average Equity (Wires Business) (90%)	93.48	95.75	97.89	99.80	101.29
Average Equity (Retail supply Business) (10%)	10.39	10.64	10.88	11.09	11.25
Base Return on Equity for Wires Business (%)	15.50%	15.50%	15.50%	15.50%	15.50%
Effective Tax Rate	0.00%	0.00%	0.00%	0.00%	0.00%
Pre-tax Return on Equity after considering Tax Rate	15.50%	15.50%	15.50%	15.50%	15.50%
Return on Equity for Wires Business	14.49	14.84	15.17	15.47	15.70
Base Return on Equity for Retail supply Business (%)	16.00%	16.00%	16.00%	16.00%	16.00%
Effective Tax Rate	0.00%	0.00%	0.00%	0.00%	0.00%
Pre-tax Return on Equity after considering Tax Rate	16.00%	16.00%	16.00%	16.00%	16.00%

Particular	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Return on Equity for Retail supply Business	1.66	1.70	1.74	1.77	1.80
Return on Equity	16.15	16.54	16.91	17.24	17.50

5.11 Interest and Financial Charges

The Interest costs have been estimated under following three heads:

- **Interest on Debt/ Long term loans**
- **Interest on Working Capital**
- **Interest on Security Deposit**

6.12.1 Interest on Loan/ Debt

Petitioner's Submission

The Petitioner being a Government Department, the entire capital employed till date has been funded through equity infusion by the Central Government through budgetary support without any external borrowings. The interest on debt/loan has been calculated considering debt to be 70% of GFA. The Petitioner has considered the opening balance of normative loan as approved by the Commission in the APR Order Dt.01.08.2022 for the FY 2021-22 & thereafter 70% of the addition to GFA for respective years have been considered as addition to normative loan for the year. Accordingly, applicable loan for each year of the control period has been calculated. Further, the Petitioner has considered SBI MCLR as on 1 April 2024 for calculating the interest on loan for the respective year of the control period. The details of interest calculation are provided in the table below.

The proposed interest on loan for the control period is as follows:

Table 106: Interest on Loan/ Debt as proposed by the Petitioner for the 4th Control Period (Rs. Crore)

Particular	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Opening Normative loan	79.58	67.88	57.28	46.51	35.87
Add: Normative Loan during the year (70% of proposed capitalization)	6.76	8.08	8.12	8.47	9.6
Less: Normative Repayment equal to Depreciation	18.47	18.68	18.89	19.11	19.36
Closing Normative Loan	67.88	57.28	46.51	35.87	26.11
Average Normative Loan	73.73	62.58	51.9	41.19	30.99
Interest Rate (@ SBI MCLR for 1 year tenor as on 1st April 2024)	8.65%	8.65%	8.65%	8.65%	8.65%
Interest on Loan	6.38	5.41	4.49	3.56	2.68

Commission's Analysis

Regulation 29 of the JERC MYT Regulations, 2024 stipulates the following:

"29. Interest on Loan

29.1 The loans arrived at in the manner indicated in Regulation 27 on the assets put to use, shall be considered as gross normative loan for calculation of interest on the loan:

Provided that interest and finance charges on capital works in progress shall be excluded:

29.2 The normative loan outstanding as on April 1, 2025, shall be worked out by deducting the cumulative repayment as admitted by the Commission up to March 31, 2025, from the gross normative loan.

Provided that the repayment shall be deemed to be equal to the depreciation allowed.

29.3 Notwithstanding any moratorium period availed by the Generating Company or the Transmission Licensee or the Distribution Licensee, as the case may be, the repayment of loan shall be considered from the first Year of commercial operation of the project and shall be equal to the annual depreciation allowed in accordance with Regulation 31.

29.4 The rate of interest shall be the weighted average rate of interest calculated on the basis of the actual loan portfolio at the beginning of each Year applicable to the Generating Company or the Transmission Licensee or the Distribution Licensee:

Provided that at the time of truing up, the weighted average rate of interest calculated on the basis of the actual loan portfolio during the Year applicable to the Generating Company or Transmission Licensee or the Distribution Licensee shall be considered as the rate of interest after prudence check:

Provided also that if there is no actual loan for a particular Year but normative loan is still outstanding, the last available weighted average rate of interest for the actual loan shall be considered: Provided also that for the purpose of estimation, prior to 1st April of a financial year, when MCLR is not available for the relevant year, the latest available one (1) year State Bank of India (SBI) MCLR rate on the 1st April of the year in which the petition is filed, shall be taken.

Provided also that if the Generating Company or the Transmission Licensee or the Distribution Licensee does not have actual loan, then one (1) Year State Bank of India (SBI) MCLR / any replacement thereof as notified by RBI for the time being in effect applicable for one (1) Year period, as may be applicable as on 1st April of the relevant Year shall be considered as the rate of interest for the purpose of allowing the interest on the normative loan.

Provided further that if the generating station or the transmission system, as the case may be, does not have any actual loan, then the weighted average rate of interest of the loan portfolio of the generating company or the transmission licensee as a whole shall be considered.

29.5 The interest on loan shall be calculated on the normative average loan of the Year by applying the weighted average rate of interest.

Provided that at the time of truing up, the normative average loan of the Year shall be considered on the basis of the actual asset capitalisation approved by the Commission for the Year.

29.6 For new loans proposed for each Financial Year of the Control Period, interest rate shall be considered as lower of (i) one (1) Year State Bank of India (SBI) MCLR / any replacement thereof as notified by RBI for the time being in effect applicable for one (1) Year period, as may be applicable as on 1st April of the relevant Year plus 100 basis points, and (ii) weighted average rate of interest proposed by the Generating Company or Transmission Licensee or the Distribution Licensee.

29.7 The above interest computation shall exclude the interest on loan amount, normative or otherwise, to the extent of capital cost funded by consumer contribution, deposit work, capital subsidy or grant, carried out by the Generating Company or the Transmission Licensee or Distribution Licensee.

29.8 The finance charges incurred for obtaining loans from financial institutions for any Year shall be allowed by the Commission at the time of Truing-up, subject to prudence check.

29.9 The excess interest during construction on account of time and/or cost overrun as compared to the approved completion schedule and capital cost or on account of excess drawal of the debt funds disproportionate to the actual requirement based on Scheme completion status, shall be allowed or disallowed partly or fully on a case to case basis, after prudence check by the Commission:

Provided that where the excess interest during construction is on account of delay attributable to an agency or contractor or supplier engaged by the Generating Company or Transmission or Distribution Licensee, any

liquidated damages recovered from such agency or contractor or supplier shall be taken into account for computation of capital cost:

Provided further that the extent of liquidated damages to be considered shall depend on the amount of excess interest during construction that has been allowed by the Commission.

29.10 The Generating Company or the Transmission Licensee or the Distribution Licensee, as the case may be, shall make every effort to re-finance the loan as long as it results in net savings on interest and in that event the costs associated with such re-financing shall be borne by the beneficiaries and the net savings shall be shared between the beneficiaries; i.e., the Generating Company or the Transmission Licensee, as the case may be, and the Distribution Licensee and the Consumers of Distribution Licensee as the case may be, in accordance with Regulation 15 of these Regulations.

Provided that the Distribution Licensee shall submit the calculation of such benefit to the Commission for its approval.

29.11 Interest shall also be allowed on the amount held as security deposit held in cash from Retail Consumers at the Bank Rate as on 1 st April of the relevant Financial Year:

Provided that, for the purpose of estimation, prior to 1st April of a financial year, when Bank rate is not available for the relevant year, the latest available Bank Rate on the 1st April of the year, in which the petition is filed, shall be taken.

Provided further that at the time of truing-up, the interest on the amount of security deposit for the Year shall be considered on the basis of the actual interest paid by the Licensee during the Year, subject to prudence check by the Commission.

The Commission noted that in the previous Tariff Order for FY 2024-25, has considered Rs 38.47 Crores as the value of assets which have been depreciated up to 90% and thus Loan portion of these assets has been reduced from Gross Loan.

The rate of interest to be considered while determining the interest on loan shall be the weighted average interest rate of the actual loan portfolio. However, in absence of actual loan portfolio, the Commission has considered the SBI 1 Year MCLR, in accordance with the JERC MYT Regulations, 2024. The SBI 1-year MCLR as on 1st April 2025 i.e. 9.00% has been considered for computation of interest on loan. The following table provides the Interest on Loan approved by the Commission:

Table 107: Interest on Loan/ Debt approved by the Commission for the 4th Control Period (Rs. Crore)

Particular	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Gross Loan	113.16	80.44	75.60	70.37	65.05
Less: Loans portion of assets depreciated more than 90%	26.93				
Opening Normative loan	86.23	80.44	75.60	70.37	65.05
Add: Normative Loan during the year (70% of proposed capitalization)	6.76	8.09	8.12	8.46	9.60
Less: Normative Repayment equal to Depreciation	12.55	12.93	13.35	13.78	14.25
Closing Normative Loan	107.37	75.60	70.37	65.05	60.41
Average Normative Loan	96.80	78.02	72.98	67.71	62.73
Interest Rate (@ SBI MCLR for 1 year tenor as on 1st April 2025)	9.00%	9.00%	9.00%	9.00%	9.00%
Interest on Loan	8.71	7.02	6.57	6.09	5.65

6.12.2 Interest on Working Capital

Petitioner's Submission

The Petitioner has computed the Interest on Working Capital based on the normative principles outlined in the JERC MYT Regulations, 2024. The working capital requirement for the Control Period has been computed by the Petitioner considering the following:

- a. Operation and maintenance expenses for one (1) month; plus
- b. Maintenance spares at 40% of R&M expenses for one (1) month; plus
- c. Receivables equivalent to two (2) months of the expected revenue from Consumers at the prevailing tariffs.

Less

- d. Power Purchase cost for one (1) month
 - i. Provided that the Power Purchase cost including cost of REC paid in advance; if any shall be excluded.
 - ii. Amount, if any, held as security deposits under clause (b) of sub-section (I) of Section 47 of the Act from Consumers except the security deposits held in the form of Bank Guarantees:

The Petitioner in view of the Regulation 32.5 of MYT Regulations, 2024 has computed the Interest on working capital for the Control Period from FY 2025- 26 to FY 2029-30 based on the @ SBI MCLR for I year tenor as on 1st April 2024 plus 325 basis points as provided in Regulation 32.5 of MYT Regulations, 2024. The SBI MCLR for I year tenor as on 1st April,2024 was 8.65%, hence the rate of interest considered for calculating interest on loan is 11.90% (8.65% +3.25%).

The interest on normative working capital for the Control Period from FY 2025- 26 to FY 2029-30 calculated on the basis of the above parameters is given in the table below:

Table 108: Interest on Working Capital proposed by the Petitioner for the 4th Control Period (Rs. Crore)

Particular	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
O&M expenses - 1 month	21.56	21.78	22.33	22.7	23.13
Maintenance Spares @ 40% of R&M expense - 1 month	1.5	1.53	1.55	1.57	1.6
Two Months Receivables	63.76	70.92	77.85	85.93	94.47
Less: Power Purchase Cost for One (1) Month	1.7	1.46	1.66	1.87	2.11
Less: Amount held as Security Deposits	0	0	0	0	0
Total Working Capital	85.13	92.77	100.07	108.33	117.09
Rate of Interest on Working Capital	11.90%	11.90%	11.90%	11.90%	11.90%
Interest on Working Capital	10.13	11.04	11.91	12.89	13.93

Commission's Analysis

Regulation 61 and 78 of the JERC MYT Regulations, 2024 stipulates the following:

“61. Norms of Working Capital for Distribution Wires Business

61.1 The Distribution Licensee shall be allowed interest on the estimated level of working capital for the Distribution Wires Business for the Financial Year, computed as follows:

a) O&M Expenses for one (1) month; plus

b) Maintenance spares at 40% of repair and maintenance expenses for one (1) month; plus

c) Receivables equivalent to two (2) months of the expected revenue from charges for use of distribution wires at the prevailing tariff;

Less:

d) Amount, if any, held as security deposits under clause (b) of sub-section (1) of Section 47 of the Act from distribution system users except the security deposits held in the form of Bank Guarantees:

Provided that at the time of truing up for any Year, the working capital requirement shall be recalculated on the basis of the values of components of working capital approved by the Commission in the truing up.”

61.2 The Rate of interest on working capital shall be equal to one (1) year State Bank of India (SBI) MCLR/any replacement thereof as notified by RBI for the time being in effect applicable for (1) year period, as may be applicable on 1st April of the relevant financial year plus 325 basis points;

Provided that for the estimation, prior to 1st April of a financial year, when MCLR is not available for the relevant year, the latest available one (1) year State Bank of India (SBI) rate on the 1st April of the year in which the petition is filed, shall be taken.

61.3 The Interest on working capital shall be payable on a normative basis, notwithstanding that the transmission licensee has not taken a loan for working capital from any outside agency.”

“78. Norms of Working Capital for Retail Supply Business

78.1 The Distribution Licensee shall be allowed interest on the estimated level of working capital for the Retail Supply Business for the Financial Year, computed as follows:

a) O&M Expenses for one (1) month; plus

b) Maintenance spares at 40% of repair and maintenance expenses for one (1) month; plus

c) Receivables equivalent to two (2) months of the expected revenue from Consumers at the prevailing tariff;

Less

d) Power Purchase cost for one (1) month;

Provided that the Power Purchase cost including cost of REC paid in advance; if any shall be excluded;

e) Amount, if any, held as security deposits under clause (b) of sub-section (1) of Section 47 of the Act from Consumers except the security deposits held in the form of Bank Guarantees:

Provided that at the time of truing up for any Year, the working capital requirement shall be recalculated on the basis of the values of components of working capital approved by the Commission in the truing up.

78.2 The Rate of interest on working capital shall be equal to one (1) year State Bank of India (SBI) MCLR/any replacement thereof as notified by RBI for the time being in effect applicable for (1) year period, as may be applicable on 1st April of the relevant financial year plus 325 basis points;

Provided that for the estimation, prior to 1st April of a financial year, when MCLR is not available for the relevant year, the latest available one (1) year State Bank of India (SBI) rate on the 1st April of the year in which the petition is filed, shall be taken.

78.3 *The Interest on working capital shall be payable on a normative basis, notwithstanding that the transmission licensee has not taken a loan for working capital from any outside agency.*”

The Commission, in view of the aforesaid Regulations has considered the interest rate as 9.00% (1-year MCLR as on 1st April 2025, i.e. 9.00% + 325 basis points). The computation of interest on working capital is shown in the following table:

Table 109: Interest on Working Capital approved by the Commission for the 4th Control Period (Rs. Crores)

Particular	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
O&M expenses - 1 month	23.40	23.20	23.66	23.95	24.26
Maintenance Spares @ 40% of R&M expense - 1 month	2.25	2.16	2.19	2.23	2.27
Two Months Receivables	65.80	79.11	89.48	101.78	116.01
Less: Power Purchase Cost for One (1) Month	56.46	65.12	67.85	71.12	75.26
Less: Amount held as Security Deposits	0.00	0.00	0.00	0.00	0.00
Total Working Capital	34.99	39.34	47.49	56.85	67.28
Rate of Interest on Working Capital (1-year MCLR as on 1st April 2025, i.e. 9.00% + 325 basis points)	12.25%	12.25%	12.25%	12.25%	12.25%
Interest on Working Capital	4.29	4.82	5.82	6.96	8.24

6.12.3 Interest on Consumer Security Deposit

Petitioner's Submission

The Petitioner collects deposits from consumers in the form of Fixed Deposits Receipts (FDR)/ Bank Guarantee and in case of FDR the interest is directly paid to the consumer. Hence, no interest on security deposits has been projected in the petition.

Commission's Analysis

Regulation 29.11 of the JERC MYT Regulations, 2024 stipulates the following:

“29.11 Interest shall also be allowed on the amount held as security deposit held in cash from Retail Consumers at the Bank Rate as on 1 st April of the relevant Financial Year:

Provided that, for the purpose of estimation, prior to 1st April of a financial year, when Bank rate is not available for the relevant year, the latest available Bank Rate on the 1st April of the year, in which the petition is filed, shall be taken.

Provided further that at the time of truing-up, the interest on the amount of security deposit for the Year shall be considered on the basis of the actual interest paid by the Licensee during the Year, subject to prudence check by the Commission.”

Since, the Petitioner has not collected any consumer security deposit in cash, therefore, the Commission has not approved any Interest on Security Deposits, as the interest amount on fixed deposits is not available with Petitioner in cash.

5.12 Provision for Bad and Doubtful Debts

Petitioner's Submission

The Petitioner is not proposing any provision for bad debts of revenue from sale of power to the consumers. The petitioner submitted to conduct an exercise to determine category wise bad debts and the same shall be claimed in future filings.

Commission's Analysis

Regulation 77 of the JERC MYT Regulations, 2024 stipulates the following

"77.1 The Commission may allow bad debts written off as a pass through in the Aggregate Revenue Requirement, based on the trend of bad debts written off in previous years, subject to prudence check: Provided that the Commission shall true up the bad debts written off in the Aggregate Revenue Requirement, based on the actual write off of bad debts excluding delayed payment charges waived off, if any, during the year, subject to prudence check:

Provided also that the provision for bad and doubtful debts shall be limited to 1% of the annual Revenue Requirement of the Distribution Licensee:

Provided further that if subsequent to the write off of a particular bad debt, revenue is realised from such bad debt, the same shall be included as an uncontrollable item under the Non-Tariff Income of the year in which such revenue is realised."

The Commission has not considered any Provision for Bad & Doubtful Debts for the 4th Control Period (FY 2025-26 to FY 2029-30) as the Petitioner has not proposed any amount for the same. The same shall be accounted for as per the actuals during the True-up of respective years.

5.13 Non-Tariff Income

Petitioner's Submission

The Petitioner has projected the Non-Tariff Income by escalating the estimated Non-tariff income of FY 2024-25 by 5 year CAGR of 4.5% YOY.

Accordingly, Non-tariff income for the Control Period proposed by the Petitioner is given in the table below:

Table 110: Non-Tariff Income proposed by the Petitioner for the 4th Control period (Rs. Crore)

Particular	Petitioner's Submission				
	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Non-Tariff Income	5.03	5.26	5.50	5.74	6.00

Commission's Analysis

The Commission in view of Regulation 65 and 79 of MYT Regulation, 2024 for Non-Tariff Income for Distribution Wire Business and Retail Supply of Electricity, respectively approves the Non-tariff Income as proposed by the Petitioner for the 4th Control Period.

Table 111: Non-Tariff Income approved by the Commission for the 4th Control Period (Rs. Crore)

Particular	Approved				
	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Non-Tariff Income	5.03	5.26	5.50	5.74	6.00

5.14 Aggregate Revenue Requirement (ARR)

Petitioner's Submission

The Petitioner has submitted the net aggregate revenue requirement for the 4th Control period (FY 2025-26 to FY 2029-30) as given in the table below:

Table 112: Aggregate Revenue Requirement proposed by the Petitioner for the 4th Control Period (Rs. Crore)

S. No	Particular	Petition				
		FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Fuel Cost	189.75	229.45	364.47	364.57	364.57
2	Cost of Power Purchase from other sources	788.64	973.98	741.63	1080.33	1216.67
3	O&M Expenses (Gross)	258.72	261.42	267.95	272.44	277.51
a)	<i>R&M Expenses</i>	45.10	45.83	46.44	47.05	47.95
b)	<i>Employee Cost</i>	203.96	205.40	210.76	214.05	217.61
c)	<i>A&G Expenses</i>	9.66	10.19	10.75	11.34	11.95
4	Depreciation	18.47	18.68	18.89	19.11	19.36
5	Interest and Finance Charges	6.38	5.41	4.49	3.56	2.68
6	Interest on Working Capital	10.13	11.04	11.91	12.89	13.93
7	Return on Equity	27.32	27.81	28.35	28.91	29.51
8	Interest on Consumer Security Deposit	-	-	-	-	-
9	Bad and Doubtful Debts	-	-	-	-	-
10	Total Expenditure	1299.43	1527.79	1437.69	1781.80	1924.23
11	Less: Non-Tariff and other Income	5.03	5.26	5.50	5.74	6.00
12	Annual Revenue Requirement	1294.39	1522.53	1432.20	1776.05	1918.23

Commission's Analysis

On the basis of the detailed analysis of the cost parameters of the ARR, the net revenue requirement as approved in MYT order for FY 2024-25 and Petitioner's submission.

The Commission therefore approves the ARR for 4th Control Period (FY 2025-26 to FY 2029-30) is shown in table below:

Table 113: Aggregate Revenue Requirement approved by the Commission for the 4th Control Period (Rs. Crore)

S. No	Particular	Approved by Commission				
		FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Fuel Cost of own generation	239.75	378.31	371.80	365.36	358.90
2	Cost of Power Purchase from Hired Stations	437.74	403.12	442.36	488.02	544.25
3	Fixed Cost of Power Purchase	55.46	55.45	55.57	55.45	55.45
4	O&M Expenses (Gross)	280.75	278.37	283.96	287.39	291.12
a)	<i>R&M Expenses</i>	67.53	64.71	65.84	66.98	68.16
b)	<i>Employee Cost</i>	210.27	210.57	214.88	217.01	219.40
c)	<i>A&G Expenses</i>	2.95	3.09	3.24	3.40	3.56
5	Depreciation	12.55	12.93	13.35	13.78	14.25
6	Interest and Finance Charges	8.71	7.02	6.57	6.09	5.65

S. No	Particular	Approved by Commission				
		FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
7	Interest on Working Capital	4.29	4.82	5.82	6.96	8.24
8	Return on Equity	16.15	16.54	16.91	17.24	17.50
9	Interest on Consumer Security Deposit	-	-	-	-	-
10	Bad and Doubtful Debts	-	-	-	-	-
11	Total Expenditure	999.94	1101.12	1140.77	1184.85	1239.91
12	Less: Non-Tariff and other Income	5.03	5.26	5.50	5.74	6.00
13	Annual Revenue Requirement	994.91	1,095.86	1,135.27	1,179.11	1,233.91

5.15 Revenue at existing Retail Tariff

Petitioner's Submission

The Petitioner has estimated revenue from sale of power at existing tariff as for the Control Period from FY 2025-26 to FY 2029-30 based on the approved energy sales, connected load and number of consumers.

Table 114: Revenue at Existing retail tariff for FY 2025-26 to FY 2029-30 as proposed by the Petitioner

Sl No.	Categories	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
		Energy Sales (MU's)	Revenue (Cr)								
1	DOMESTIC SERVICE (DS)										
i	LTDS-I: Connected Load Based	0.01	106.27	0.01	115.88	0.01	126.62	0.01	138.10	0.01	151.32
ii	LTDS-II: Demand Based	194.74		212.34		232.07		253.09		277.46	
iii	LTDS-III: Demand Based	0.96		1.05		1.15		1.25		1.37	
2	NON-DOMESTIC SERVICE (NDS)										
i	NDS - I: Demand Based	63.60	169.82	70.31	187.84	75.80	203.01	83.53	223.89	91.47	245.36
ii	NDS - II: Demand Based	15.77		17.43		18.79		20.71		22.68	
iii	NDS - III: Demand Based	0.03		0.03		0.04		0.04		0.05	
iv	NDS - IV: Demand Based	1.05		1.16		1.25		1.37		1.50	
v	NDS - V: Connected Load Based	1.11		1.23		1.33		1.46		1.60	
3	AGRICULTURAL SERVICE (AS)										
i	LTAS - I: Connected Load Based	0.57	0.63	0.66	0.71	0.77	0.80	0.90	0.91	1.05	1.04

Sl No.	Categories	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
		Energy Sales (MU's)	Revenue (Cr)								
ii	LTAS - II: Demand Based	0.97		1.13		1.32		1.54		1.79	
iii	LTAS - III: Demand Based	0.81		0.94		1.10		1.29		1.50	
4	INDUSTRIAL SERVICES (LTIS)	12.65	18.52	13.78	20.04	15.01	21.70	16.35	23.51	17.81	25.47
5	PUBLIC UTILITY SERVICES										
i	LTPS-I: Demand Based	0.97		0.97		0.97		0.97		0.97	
ii	LTPS-II: Connected Load Based	3.62	6.38	3.62	6.39	3.62	6.40	3.62	6.40	3.62	6.41
iii	LTPS-III: Connected Load Based	0.28		0.28		0.28		0.28		0.28	
6	ELECTRIC VEHICLE CHARGING STATIONS										
i	LTEV-I: Demand Based	0.45	5.55	0.53	6.48	0.62	7.58	0.72	8.86	0.85	10.36
7	HIGH TENSION SUPPLY										
i	HTS-I: Demand Based	0.00		0.00		0.00		0.00		0.00	
ii	HTS-II: Demand Based	20.05		22.16		23.90		26.33		28.84	
iii	HTS-III: Demand Based	0.00		0.00		0.00		0.00		0.00	
iv	HTS-IV: Demand Based	0.42		0.46		0.50		0.55		0.59	
v	HTS-V: Demand Based	42.85	75.40	50.30	88.18	57.74	101.01	65.19	113.90	72.64	126.86
vi	HTS-VI: Demand Based	4.17		4.87		5.70		6.66		7.79	
8	Total	365.09	382.56	403.27	425.51	441.98	467.12	485.88	515.57	533.88	566.82

Commission's Analysis

The revenue at the existing retail tariff (as per tariff approved for FY 2024-25) is calculated for each year of the Control Period.

The following table shows the Revenue for each year of the Control Period.

Table 115: Revenue (Crores) at existing Retail Tariff approved by the Commission for the 4th Control Period

Categories	Sales (MUs)	Total Revenue at Existing tariff	Sales (MUs)	Total Revenue at Existing tariff	Sales (MUs)	Total Revenue at Existing tariff	Sales (MUs)	Total Revenue at Existing tariff	Sales (MUs)	Total Revenue at Existing tariff
	FY 2025-26	FY 2025-26	FY 2026-27	FY 2026-27	FY 2027-28	FY 2027-28	FY 2028-29	FY 2028-29	FY 2029-30	FY 2029-30
LTDS-I	0.01	0.00								
LTDS-II										
0-100	37.31	12.13	38.94	12.65	41.24	13.40	43.75	14.22	47.09	15.30
101-200	69.66	47.02	72.70	49.07	77.01	51.98	81.68	55.13	87.92	59.35
201-300	29.55	28.07	30.84	29.29	32.66	31.03	34.65	32.91	37.29	35.43
301-400	29.55	33.98	30.84	29.29	32.66	31.03	34.65	32.91	37.29	35.43
> 400	10.86	12.49	11.33	13.03	12.00	13.80	12.73	14.64	13.71	15.76
Total	176.92	143.40	184.64	143.68	195.58	152.24	207.45	161.51	223.30	173.71
LTDS-III										
0-100	0.03	0.02	0.03	0.02	0.04	0.02	0.04	0.03	0.04	0.03
101-200	0.14	0.11	0.14	0.12	0.15	0.13	0.16	0.13	0.17	0.15
201-300	0.12	0.14	0.13	0.14	0.14	0.15	0.14	0.16	0.15	0.17
301-400	0.12	0.17	0.13	0.14	0.14	0.15	0.14	0.16	0.15	0.17
> 400	0.46	0.66	0.48	0.69	0.51	0.73	0.54	0.77	0.58	0.83
Total	0.88	1.18	0.91	1.20	0.97	1.27	1.03	1.35	1.10	1.45
NDS-I										
0-100	4.07	4.07	4.31	4.31	4.50	4.50	4.83	4.83	5.19	5.19
101-200	4.74	4.74	5.02	5.02	5.24	5.24	5.62	5.62	6.04	6.04
> 200	48.97	82.02	51.80	86.77	54.14	90.68	58.02	97.18	62.38	104.49
Total	57.78	96.81	61.13	102.47	63.88	107.21	68.47	114.87	73.61	123.45
NDS-II										
0-100	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
101-200	0.06	0.06	0.07	0.06	0.07	0.07	0.07	0.07	0.08	0.08
> 200	14.25	22.44	15.07	23.74	15.75	24.81	16.88	26.59	18.15	28.59
Total	14.33	23.21	15.16	24.57	15.84	25.69	16.98	27.53	18.25	29.59
NDS-III	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06
NDS-IV										
Total	0.95	1.85	1.01	1.95	1.05	2.05	1.13	2.19	1.21	2.36
NDS-V										
Total	1.01	0.76	1.07	0.81	1.12	0.84	1.20	0.90	1.29	0.97
LTAS - I (small Farmers)	0.51	0.12	0.57	0.13	0.65	0.15	0.74	0.17	0.85	0.19
LTAS - II	0.88	0.20	0.98	0.22	1.11	0.25	1.26	0.28	1.44	0.32
LTAS - III	0.74	0.00	0.82	0.00	0.93	0.00	1.06	0.00	1.21	0.00
Total	0.00	0.31	0.00	0.35	0.00	0.40	0.00	0.45	0.00	0.52
LTIS-I										
0-500	0.35	0.31	0.37	0.32	0.39	0.34	0.41	0.36	0.44	0.39
501-1000	0.37	0.45	0.39	0.47	0.41	0.49	0.43	0.52	0.46	0.56
> 1000	10.77	14.54	11.23	15.16	11.85	16.00	12.56	16.95	13.43	18.13
Total	11.50	16.38	11.98	17.01	12.65	17.88	13.40	18.86	14.33	20.09
LTPS - I	0.88	1.02	0.84	0.98	0.82	0.95	0.80	0.93	0.78	0.91
LTPS - II	3.29	3.94	3.15	3.78	3.05	3.67	2.97	3.58	2.92	3.52
LTPS - III	0.26	0.35	0.25	0.33	0.24	0.32	0.23	0.32	0.23	0.31
LTEV-I	0.41	0.49	0.46	0.55	0.52	0.63	0.59	0.71	0.68	0.82
LT Total	270.37	289.76	283.02	297.73	298.46	313.20	317.34	333.25	341.26	357.74
HTS-I										
HTS- II	18.22	31.59	19.27	33.43	20.14	34.96	21.59	37.46	23.21	40.27
HTS - III	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HTS-IV	0.38	0.56	0.40	0.58	0.42	0.60	0.45	0.63	0.48	0.67

Categories	Sales (MUs)	Total Revenue at Existing tariff	Sales (MUs)	Total Revenue at Existing tariff	Sales (MUs)	Total Revenue at Existing tariff	Sales (MUs)	Total Revenue at Existing tariff	Sales (MUs)	Total Revenue at Existing tariff
	FY 2025-26	FY 2025-26	FY 2026-27	FY 2026-27	FY 2027-28	FY 2027-28	FY 2028-29	FY 2028-29	FY 2029-30	FY 2029-30
HTS- V	38.93	49.76	43.74	55.67	48.66	61.75	53.43	67.69	58.46	73.96
HTS- VI	3.79	4.55	4.24	5.09	4.80	5.76	5.46	6.55	6.27	7.52
HT/EHT Total	61.32	86.46	67.65	94.77	74.03	103.08	80.93	112.34	88.41	122.42
Total	331.69	376.39	350.66	392.68	372.48	416.49	398.26	445.82	429.67	480.43

5.16 Standalone Revenue Gap/ (Surplus)

Petitioner's Submission

The Petitioner has not submitted the Revenue gap for the Control Period.

Commission's Analysis

The Commission based on the approved ARR and existing retail tariff has derived the following Revenue Gap/ (Surplus) for the Control Period:

Table 116: Revenue and gap at existing tariff approved by the Commission for the 4th Control Period from FY 2025-26 to FY 2029-30 (Rs. Crore)

Particulars	Units	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Annual Revenue Requirement	Rs. Crores	994.91	1,095.86	1,135.27	1,179.11	1,233.91
Revenue from Sale of Power at existing tariff	Rs. Crores	376.39	392.68	416.49	445.82	480.43
Revenue Gap / (Surplus)	Rs. Crores	618.52	703.18	718.78	733.29	753.48

Chapter 6: Tariff Principles and Design

Overall Approach

The Commission, while designing retail tariffs for the 4th Control Period (FY 2025-26 to FY 2029-30) has kept in view the principles of determination of tariff set out in the Electricity Act, 2003 (EA 2003), Tariff Policy, 2016 and the JERC MYT Regulations, 2024.

Chapter 6: Tariff Principles and Design

The Commission, with this Tariff Order, has tried to meet the objectives of the EA 2003, as set out in its Preamble, including the protection of the interest of consumers, the supply of electricity to all areas and the rationalisation of tariffs. The Electricity Act, 2003 also directs to maintain a healthy balance between the interests of the Utilities and the reasonableness of the cost of power being supplied to consumers. The Commission has also taken into consideration the public responses in these proceedings.

The provision of electricity to all people is an essential driver for development and also influences social and economic change. Since the majority of the energy sales within LED's jurisdiction is to the domestic category and tourism related businesses, the Commission has attempted to ensure that, while tourism is promoted, but not at the cost of other segments of society. The Commission, as per the new retail tariff Structure, Guidelines 2024, has thus approved the tariff.

Applicable Regulations

Regulation 20 of JERC MYT Regulations, 2024 states the following:

“83.Determination of Tariff & Tariff Design

83.1 The tariff for retail supply by the Distribution Licensee for each year of the control period shall be determined by the Commission as a part of the MYT Petition filed by the Distribution Licensee in accordance with these Regulations:

Provided that the Aggregate Revenue Requirement of the Distribution Licensee shall be allocated or apportioned between the Distribution Wires Business and Retail Supply Business in accordance with Table 1 in Regulation 57, till the accounts for Distribution Wires Business and Retail Supply Business are not separated:

Provided further that the tariff for retail supply may comprise of any combination of fixed/ demand charges, energy charges, and any other charges, for the purpose of recovery from the Consumers, as may be stipulated by the Commission:

Provided also that the Commission may determine the area-wise tariff for Distribution Licensee based on the performance parameters as may be stipulated by the Commission.

83.2 The Commission may categorize Consumers on the basis of their load factor, power factor, voltage, total consumption of electricity during any specified period or the time at which the supply is required or the geographical position of any area, the nature of supply and the purpose for which the supply is required and any other factor as considered appropriate by the Commission.

83.3 The Commission shall endeavour to determine the cost of supply for each category/ sub-category of Consumers.

83.4 The Commission shall endeavour to reduce gradually the cross-subsidy between Consumer categories with respect to the cost of supply in accordance with the provisions of the Act.

83.5 The tariff proposal by Licensee and the tariff determination by the Commission shall be based on the following principles:

- (a) The tariff for all categories shall preferably be two part, consisting of fixed and variable charges.
 (b) The fixed charges in tariff shall progressively reflect the actual fixed cost incurred by Distribution Licensee; (c) The overall retail supply tariff for different Consumer categories shall progressively reflect the cost of supply for respective categories of Consumers;
 (d) The tariff for residential Consumers shall be set considering the affordability of tariff for various class of Consumers;
 (e) The tariff shall be set in such a manner that it may not present a tariff shock to any category

The Commission is of the view that the functional demarcation of costs will not be of substantial impact on the present tariff structure. Further, due to practical constraints open access is not an option for the consumers of Andaman and Nicobar.

The Commission has taken a considerate view in this regard balancing the interest of the utility and the consumer, thus compensating the department with additional revenue and providing a reasonable hike in consumer's tariffs.

Accordingly, the Commission has designed the tariff for different categories of consumers as brought out subsequently.

6.1 Treatment of Gap /(Surplus) and Tariff Design

From above, it can be seen that the standalone revenue gap at existing tariff has an increasing trend for the Control Period from FY 2025-26 to FY 2029-30. This is mainly because of the increase sales and fuel cost. Further, the Commission has appropriately revised the tariffs for each year of the Control Period from FY 2025- 26 to FY 2029-30 as compared to tariffs of FY 2024-25, in view of the Petitioner's proposal for tariff hike and the budgetary letter F. No. 3-1(12)/2022-Power dated 24th October 2025 support by the UT administration to meet the balance revenue gap, and also with an aim for gradual reduction of such budgetary support.

Tariff proposal

Petitioner's Submission

The tariff proposal submitted by the Petitioner for each year of the 4th Control Period for individual category is as follows:

Table 117: Tariff proposed by the Petitioner for the 4th Control Period from FY 2025-26 to FY 2029-30

Category	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge (Rs./ kWh)	Fixed Charges								
DOMESTIC SERVICE (DS)										
LTDS-I: Connected Load Based										
Upto 100 kWh	3.80	INR 50/kW /Month or part thereof	4.10	INR 50/kW /Month or part thereof	4.40	INR 50/kW /Month or part thereof	4.75	INR 50/kW /Month or part thereof	5.10	INR 50/kW /Month or part thereof
LTDS-II: Demand Based										

Category	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge (Rs./kWh)	Fixed Charges								
0-100 kWh	4.90	INR	5.25	INR	5.65	INR	6.05	INR	6.50	INR
101-200 kWh	10.10	50/kW	10.85	50/kW	11.65	50/kW	12.50	50/kW	13.45	50/kW
201-300 kWh	12.20	/Mont	13.10	/Mont	14.10	/Mont	15.15	/Mont	16.30	/Mont
301-400 kWh	14.30	h or part thereof	15.35	h or part thereof	16.50	h or part thereof	17.75	h or part thereof	19.10	h or part thereof
Above 400 kWh	17.30		18.60		20.00		21.50		23.10	
LTDS-III: Demand Based										
0-100 kWh	10.10	INR	10.85	INR	11.65	INR	12.50	INR	13.45	INR
101-200 kWh	12.80	70/kW	13.75	70/kW	14.80	70/kW	15.90	70/kW	17.10	70/kW
201-300 kWh	14.85	/Mont	15.95	/Mont	17.15	/Mont	18.45	/Mont	19.85	/Mont
301-400 kWh	16.90	h or part thereof	18.15	h or part thereof	19.50	h or part thereof	20.95	h or part thereof	22.50	h or part thereof
Above 400 kWh	21.40		23.00		24.70		26.55		28.55	
NON-DOMESTIC SERVICE (NDS)										
NDS - I: Demand Based										
1-100 kVAh	15.00	INR	16.15	INR	17.35	INR	18.65	INR	20.05	INR
101-200 VAh	19.10	70/kV	20.55	70/kV	22.10	70/VA	23.75	70/kV	25.55	70/kV
Above 200 KkVAh	25.10	A/Month or part thereof	27.00	A/Month or part thereof	29.00	/Month or part thereof	31.15	A/Month or part thereof	33.50	A/Month or part thereof
NDS - II: Demand Based										
1-100 kVAh	14.30	INR	15.35	INR	16.50	INR	17.75	INR	19.10	INR
101-200 kVAh	18.40	70/kV	19.80	70/kV	21.30	70/kV	22.90	70/kV	24.60	70/kV
Above 200 kVAh	23.60	A/Month or part thereof	25.35	A/Month or part thereof	27.25	A/Month or part thereof	29.30	A/Month or part thereof	31.50	A/Month or part thereof
NDS - III: Demand Based										
All Units	19.10	INR 70/kV A/Month or part thereof	20.55	INR 70/kV A/Month or part thereof	22.10	INR 70/kV A/Month or part thereof	23.75	INR 70/kV A/Month or part thereof	25.55	INR 70/kV A/Month or part thereof
NDS - IV: Demand Based										
All Units	27.00	INR 70/kV A/Month or part thereof	29.00	INR 70/kV A/Month or part thereof	31.15	INR 70/kV A/Month or part thereof	33.50	INR 70/kV A/Month or part thereof	36.00	INR 70/kV A/Month or part thereof
NDS - V: Connected Load Based										
All Units	15.00	INR 70/kV	16.15	INR 70/kV	17.35	INR 70/kV	18.65	INR 70/kV	20.05	INR 70/kV

Category	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge (Rs./kWh)	Fixed Charges								
		A/Month or part thereof								
AGRICULTURAL SERVICE (AS)										
LTAS - I: Connected Load Based										
All Units	3.40	INR 80/kV A/Month or part thereof	3.65	INR 80/kV A/Month or part thereof	3.90	INR 80/kV A/Month or part thereof	4.20	INR 80/kV A/Month or part thereof	4.50	INR 80/kV A/Month or part thereof
LTAS - II: Demand Based										
All Units	3.40	INR 80/kV A/Month or part thereof	3.65	INR 80/kV A/Month or part thereof	3.90	INR 80/kV A/Month or part thereof	4.20	INR 80/kV A/Month or part thereof	4.50	INR 80/kV A/Month or part thereof
LTAS - III: Demand Based										
All Units	3.40	INR 80/kV A/Month or part thereof	3.65	INR 80/kV A/Month or part thereof	3.90	INR 80/kV A/Month or part thereof	4.20	INR 80/kV A/Month or part thereof	4.50	INR 80/kV A/Month or part thereof
INDUSTRIAL SERVICES (LTIS)										
LTIS - I: Demand Based										
1-500 kVAh	13.10	INR 95/kV A/Month or part thereof	14.10	INR 95/kV A/Month or part thereof	15.15	INR 95/kV A/Month or part thereof	16.30	INR 95/kV A/Month or part thereof	17.50	INR 95/kV A/Month or part thereof
501-1000 kVAh	18.00		19.35		20.80		22.35		24.05	
Above 1000 kVAh	20.30		21.80		23.45		25.20		27.10	
PUBLIC UTILITY SERVICES										
LTIPS-I: Demand Based										
All Units	27.00	INR 195/kVA/Month or part thereof	29.00	INR 195/kVA/Month or part thereof	31.15	INR 195/kVA/Month or part thereof	33.50	INR 195/kVA/Month or part thereof	36.00	INR 195/kVA/Month or part thereof

Category	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge (Rs./kWh)	Fixed Charges								
LTPS-II: Connected Load Based										
All Units	17.30	INR 195/kVA/Month or part thereof	18.60	INR 195/kVA/Month or part thereof	20.00	INR 195/kVA/Month or part thereof	21.50	INR 195/kVA/Month or part thereof	23.10	INR 195/kVA/Month or part thereof
LTPS-III: Connected Load Based										
All Units	24.80	INR 195/kVA/Month or part thereof	26.65	INR 195/kVA/Month or part thereof	28.65	INR 195/kVA/Month or part thereof	30.80	INR 195/kVA/Month or part thereof	33.10	INR 195/kVA/Month or part thereof
ELECTRIC VEHICLE CHARGING STATIONS										
LTEV-I: Demand Based										
All Units	18.00		19.35		20.80		22.35		24.05	
HIGH TENSION SUPPLY										
HTS-I: Demand Based										
All Units	17.30	INR 50/kW/Month or part thereof	18.60	INR 50/kW/Month or part thereof	20.00	INR 50/kW/Month or part thereof	21.50	INR 50/kW/Month or part thereof	23.10	INR 50/kW/Month or part thereof
HTS-II: Demand Based										
All Units	28.10	INR 70/kVA/Month or part thereof	30.20	INR 70/kVA/Month or part thereof	32.45	INR 70/kVA/Month or part thereof	34.90	INR 70/kVA/Month or part thereof	37.50	INR 70/kVA/Month or part thereof
HTS-III: Demand Based										
All Units	3.40	INR 80/kVA/Month or part thereof	3.65	INR 80/VA/Month or part thereof	3.90	INR 80/kVA/Month or part thereof	4.20	INR 80/kVA/Month or part thereof	4.50	INR 80/kVA/Month or part thereof
HTS-IV: Demand Based										
All Units	19.50	INR 95/kVA/Month or	20.95	INR 95/kVA/Month or	22.50	INR 95/kVA/Month or	24.20	INR 95/kVA/Month or	26.00	INR 95/kVA/Month or

Category	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge (Rs./kWh)	Fixed Charges								
		part thereof								
HTS-V: Demand Based										
All Units	24.80	INR 145/kVA/Month or part thereof	26.65	INR 145/kVA/Month or part thereof	28.65	INR 145/kVA/Month or part thereof	30.80	INR 145/kVA/Month or part thereof	33.10	INR 145/kVA/Month or part thereof
HTS-VI: Demand Based										
All Units	18.00		19.35		20.80		22.35		24.05	

Table 118: Per Unit gap at Existing and Proposed Tariff as submitted by the Petitioner (Rs. Crores)

Categories	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Existing	Proposed								
1 Net ARR	1294.39	1294.39	1522.53	1522.53	1432.20	1432.20	1776.05	1776.05	1918.23	1918.23
2 Revenue from Sales	382.56	647.64	425.51	768.81	467.12	902.28	515.57	1064.44	566.82	1253.25
3 Gap (1-2)	911.84	646.76	1097.01	753.72	965.08	529.92	1260.48	711.62	1351.41	664.98
4 Total Sales	365.09	365.09	403.27	403.27	441.98	441.98	485.88	485.88	533.88	533.88
5 Average Cost of Supply (1/4x10)	35.45	35.45	37.75	37.75	32.40	32.40	36.55	36.55	35.93	35.93
6 Average Billing Rate (2/4x10)	10.48	17.74	10.55	19.06	10.57	20.41	10.61	21.91	10.62	23.47
7 Per Unit Gap (5-6)	24.98	17.71	27.20	18.69	21.84	11.99	25.94	14.65	25.31	12.46

Commission's Analysis

As discussed above, the Commission has determined the retail tariff for the 4th Control Period in accordance with the principles stated in the Electricity Act, 2003 Tariff Policy, 2016, JERC MYT Regulations, 2024 and JERC (Retail Supply Tariff Structure) Guideline, 2024. The Tariff design in general is guided by the following principles:

Cost reflective: The tariffs determined should efficiently reflect the cost of supply after adjustment of budgetary support for each consumer category, as far as possible.

Progressive tariffs: Ensuring progressivity among tariffs by having telescopic tariff slabs which encourages efficient consumption and at the same time allows intra-category cross-subsidy by way of charging higher tariff for higher consumption to subsidise the lower consumption consumers.

Revenue neutrality: There should be no impact on the utility's yearly revenue due to rationalization of tariffs i.e. the overall status quo should be maintained.

Affordability: Assessing affordability of electricity for Domestic and Commercial consumers for defining slab ranges and setting tariffs.

Revenue stability: Tariff should ensure adequate fixed cost recovery for utilities from fixed/demand charges.

Avoiding tariff shocks: Tariff shocks should be avoided, and stakeholders should be able to predict the future trends in tariffs.

Demand management and grid stability: Demand management and grid stability should be ensured with demand-based tariffs.

Simplified tariff structure: Tariff structure should be simplified to make it easily administrable by the utility and easy to understand for the consumer.

Smart tariff design: Tariff rate design should take into consideration trends in electric power such as small-scale renewable generation by consumers, energy efficiency, electric vehicle charging, etc.

While all the above parameters contribute significantly in developing a sustainable tariff framework, there are certain parameters namely Cost of Supply and Tariff Affordability which are of importance and constitute the building blocks in achieving the overall objective. The context and the approach for these parameters have been discussed as follows:

Cost of Supply

Context:

Due to electricity being a crucial utility item for all consumers, various socio-economic issues have been factored in to determine the end user's tariffs. This has led to severe imbalance between the tariffs levied vis-a-vis the cost of supply of the electricity.

It is thus essential that tariffs reflect the true cost to service a category of consumer. As a crucial first step towards cost-reflective tariffs, it is important for Distribution Licensees to determine the costs of supply (which cascade from generation to transmission and finally to distribution and retail supply of power) that should be prudently recovered from each consumer category. These costs should correspond to the actual costs being caused/contributed by each consumer category towards total cost incurred by the Distribution Licensee. By determining consumer category wise costs of supply, the Distribution Licensee would be in a better position to allocate costs where relevant and determine how tariffs can be levied fairly on each category.

Tariff Affordability

Context:

The Commission understands that the consumer base of Distribution Licensee is varied and covers a wide spectrum of socio-economic backgrounds, specially the domestic category consumers. It is also aware that most low-income households spend a substantial share of their income on utility services such as electricity, heating and water. However, any envisaged tariff reforms are often objected to avoid further burdening of these consumers. But to improve the quality of service of electricity, the Distribution Licensee has to undertake significant capital expenditure which eventually deteriorates the affordability of tariffs.

Approach:

On reviewing methodologies adopted for social impact assessment of electricity tariffs, the Commission found that Tariff Affordability Ratio (TAR) is a reliable parameter to measure affordability of electricity in households

TAR is defined by obtaining the burden incurred by a household for electricity as compared to the overall household expenditure. The rationale behind this concept is that the electricity is basic utility and is unavoidable in today's scenario. This concept helps to understand the affordability level of electricity on households with different economic levels.

The electricity expenditure can be determined initially for domestic consumers by computing the average consumption levels across each slab and the household expenditure can be estimated from national surveys of household expenditure across economic levels conducted by organizations like NSSO. Thereafter the distribution of consumers of the Distribution Licensee across tariff slabs can be mapped across the established economic levels to develop the final affordability ratio matrix for the Distribution Licensee's domestic consumer base.

Following the identification of the current ratio of Tariff Affordability, the Commission in consultation with the stakeholders will develop benchmarks for acceptable affordability levels by studying trends across countries with a demography and energy scenario similar to that of India and propose appropriate tariffs. The final output shall help understand the Commission to modify tariffs in cases where there is more room for tariff increase or a need to correct tariffs. The exercise would also help the Commission in setting tariff slabs as per the paying capacity of the consumers which would be beneficial especially for Domestic category consumers. Additionally, this shall also help the Government to formulate better schemes to effectively channelize its intended benefits.

The Commission in these tariff proceedings is not carrying out this exercise due to unavailability of accurate data. The Petitioner is directed to ensure the sanctity of the data maintained pertaining to various categories.

Based on the discussions above, the Commission is continuing with its existing approach of determination of tariff for various consumer categories based on the Average Cost of Supply (ACoS) ensuring consumer tariffs progressively moving towards the cost.

Cross Subsidy

Context:

As per Section 61 (g) of the Electricity Act 2003

“(g) that the tariff progressively reflects the cost of supply of electricity and also, reduces and eliminates cross-subsidies within the period to be specified by the Appropriate Commission;”

For reduction of cross subsidies, the Tariff Policy 2016 in Section 8.3 stipulates as below:

“For achieving the objective that the tariff progressively reflects the cost of supply of electricity, the Appropriate Commission would notify a roadmap such that tariffs are brought within $\pm 20\%$ of the average cost of supply. The road map would also have intermediate milestones, based on the approach of a gradual reduction in cross subsidy.”

As per the Tariff Policy 2016 the cross-subsidy levels amongst various consumer categories shall be within $\pm 20\%$ of the average cost of supply. The Commission has tried to rationalize the applicable tariff to various consumer categories to achieve the desirable cross-subsidy levels but in case of the Petitioner, currently no consumer is cross subsidizing any other consumer as ABR is lower than ACoS for all consumers.

Rationalization of Tariff Categories:

The existing consumer tariff structure in the state of Goa and the Union Territories under this Commission has been highly complex, characterized by numerous consumer categories, differing classifications for the same usage across different territories, and inconsistent terms & conditions as well as miscellaneous charges for identical consumer segments among various distribution utilities. This inconsistency, which predates the formation of the Commission, has resulted in non-uniform categorization and varying conditions across the distribution utilities, and this legacy has continued year after year. In light of this, the Commission has issued the guidelines “Joint Electricity Regulatory Commission (Retail Supply Tariff Structure) Guideline, 2024” to rationalize the retail tariff structure with the objective of creating a simplified and uniform framework. This includes standardized consumer categories and sub-categories, tariff structures based on usage, voltage levels, contracted load and consumption, as well as harmonized terms & conditions of supply and miscellaneous charges across all distribution utilities under the jurisdiction of this Commission.

Accordingly, the Petitioner has proposed the tariff for the 4th Control Period, which the Commission has considered for approval, except for LTDS-I category where the Petitioner had proposed the fixed charges as Rs 10/kW/month. As per the JERC (Retail Supply Tariff Structure) Guideline 2024, the fixed charges for LTDS-I category may be approved in Rs/Connection/month, since the connected load for the category is limited to 250 W, hence approving the fixed charges on part thereof basis may lead to the billing of fixed charge equivalent to that of 1 kW. Hence, the fixed charges have been approved in Rs/connection/month for LTDS-I category in order to eliminate such complication.

Further the Petitioner has proposed Single-part tariff for the Agricultural categories and LTEV-I. However, the Commission is approving Two-part tariff for these Categories based on the “Joint Electricity Regulatory Commission (Retail Supply Tariff Structure) Guideline, 2024”.

Accordingly, in this MYT Order, the Commission has approved tariff for various consumer categories.

The approved tariffs for the 4th MYT Control Period are as follows:

Table 119: Existing vs Tariff approved by the Commission for the 4th Control Period

Category	FY 2024-25		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge	Fixed Charges	Energy Charge	Fixed Charges	Energy Charge	Fixed Charges	Energy Charge	Fixed Charges	Energy Charge	Fixed Charges	Energy Charge	Fixed Charges
DOMESTIC SERVICE (DS)												
LTDS-I: Connected Load Based	(Rs./kWh)		(Rs./kWh)		(Rs./kWh)		(Rs./kWh)		(Rs./kWh)		(Rs./kWh)	
Up to 100 kWh	2.50	INR 25/kW/M onth or part thereof	2.70	INR 25/kW/M onth or part thereof	3.00	INR 25/kW/Month or part thereof	3.30	INR 25/kW/M onth or part thereof	3.60	INR 25/kW/M onth or part thereof	3.90	INR 25/kW/M onth or part thereof
LTDS-II: Demand Based	(Rs./kWh)		(Rs./kWh)		(Rs./kWh)		(Rs./kWh)		(Rs./kWh)		(Rs./kWh)	
0-100 kWh	3.25	INR 30/kW/M onth or part thereof	3.70	INR 30/kW/M onth or part thereof	4.20	INR 35/kW/Month or part thereof	4.70	INR 40/kW/M onth or part thereof	5.20	INR 45/kW/M onth or part thereof	5.70	INR 50/kW/M onth or part thereof
101-200 kWh	6.75		7.00		7.50		8.00		8.50		9.00	
201-300 kWh	9.50		10.00		10.90		11.90		12.90		13.90	
301-400 kWh	9.50		11.00		11.90		12.90		13.90		14.90	
Above 400 kWh	11.50		12.00		12.90		13.90		14.90		15.90	
LTDS-III: Demand Based	(Rs./kWh)		(Rs./kWh)		(Rs./kWh)		(Rs./kWh)		(Rs./kWh)		(Rs./kWh)	
0-100 kWh	6.75	INR 50/kW/M onth or part thereof	7.00	INR 50/kW/M onth or part thereof	7.80	INR 55/kW/Month or part thereof	8.80	INR 60/kW/M onth or part thereof	9.80	INR 65/kW/M onth or part thereof	10.80	INR 70/kW/M onth or part thereof
101-200 kWh	8.50		8.80		9.80		10.80		11.80		12.80	
201-300 kWh	11.25		11.80		12.80		13.80		14.80		15.80	

Category	FY 2024-25		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge	Fixed Charges										
301-400 kWh	11.25		13.80		14.80		15.80		16.80		17.80	
Above 400 kWh	14.25		15.40		16.40		17.40		18.40		19.40	
NON-DOMESTIC SERVICE (NDS)												
NDS - I: Demand Based	(Rs./KVAh)											
1-100 KVAh	10.00	INR 50/KVA/ Month or part thereof	12.00	INR 55/KVA/ Month or part thereof	12.50	INR 60/KVA/ Month or part thereof	13.00	INR 65/KVA/ Month or part thereof	13.50	INR 70/KVA/ Month or part thereof	14.00	INR 70/KVA/ Month or part thereof
101-200 KVAh	10.00		15.00		15.50		16.00		16.50		17.00	
Above 200 KVAh	16.75		20.00		20.50		21.00		21.50		22.00	
NDS - II: Demand Based	(Rs./KVAh)											
1-100 kVAh	9.50	INR 50/kVA/ Month or part thereof	13.00	INR 55/kVA/ Month or part thereof	13.50	INR 60/kVA/ Month or part thereof	14.00	INR 65/kVA/ Month or part thereof	14.50	INR 70/kVA/ Month or part thereof	15.00	INR 70/kVA/ Month or part thereof
101-200 kVAh	9.50		16.00		16.50		17.00		17.50		18.00	
Above 200 kVAh	15.75		21.00		22.50		24.00		25.50		27.00	
NDS - III: Demand Based	(Rs./kVAh)											
All Units	16.75	INR 50/kVA/ Month or part thereof	18.00	INR 70/kVA/ Month or part thereof	19.00	INR 70/kVA/ Month or part thereof	20.00	INR 70/kVA/ Month or part thereof	21.00	INR 70/kVA/ Month or part thereof	22.00	INR 70/kVA/ Month or part thereof
NDS - IV: Demand Based	(Rs./kVAh)											

Category	FY 2024-25		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge	Fixed Charges										
All Units	18.00	INR 50/kVA/Month or part thereof	21.00	INR 55/kVA/Month or part thereof	22.50	INR 60/kVA/Month or part thereof	24.00	INR 65/kVA/Month or part thereof	25.50	INR 70/kVA/Month or part thereof	27.00	INR 70/kVA/Month or part thereof
NDS - V: Connected Load Based	(Rs./kWh)											
All Units	6.75	INR 50/kW/Month or part thereof	3.70	INR 30/kW/Month or part thereof	4.20	INR 35/kW/Month or part thereof	4.70	INR 40/kW/Month or part thereof	5.20	INR 45/kW/Month or part thereof	5.70	INR 50/kW/Month or part thereof
AGRICULTURAL SERVICE (AS)												
LTAS - I: Connected Load Based	(Rs./kWh)											
All Units	2.25	INR 60/kW/Month or part thereof	2.50	INR 60/kW/Month or part thereof	2.60	INR 60/kW/Month or part thereof	2.70	INR 60/kW/Month or part thereof	2.80	INR 60/kW/Month or part thereof	2.90	INR 60/kW/Month or part thereof
LTAS - II: Demand Based	(Rs./kVAh)											
All Units	2.25	INR 60/kVA/Month or part thereof	2.70	INR 60/kVA/Month or part thereof	2.90	INR 60/kVA/Month or part thereof	3.10	INR 60/kVA/Month or part thereof	3.00	INR 60/kVA/Month or part thereof	3.50	INR 60/kVA/Month or part thereof

Category	FY 2024-25		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge	Fixed Charges										
LTAS - III: Demand Based	(Rs./kVAh)											
All Units	2.25	INR 60/kVA/ Month or part thereof	3.00	INR 60/kVA/ Month or part thereof	3.25	INR 65/kVA/ Month or part thereof	3.50	INR 70/kVA/ Month or part thereof	3.75	INR 75/kVA/ Month or part thereof	4.00	INR 80/kVA/ Month or part thereof
INDUSTRIAL SERVICES (LTIS)												
LTIS - I: Demand Based	(Rs./kVAh)											
1-500 kVAh	8.75	INR 75/kVA/ Month or part thereof	10.00	INR 80/kVA/ Month or part thereof	11.00	INR 80/kVA/ Month or part thereof	12.00	INR 80/kVA/ Month or part thereof	13.00	INR 80/kVA/ Month or part thereof	14.00	INR 80/kVA/ Month or part thereof
501-1000 kVAh	12.00		13.00		14.00		15.00		16.00		17.00	
Above 1000 kVAh	13.50		16.50		18.00		19.50		21.00		22.50	
PUBLIC UTILITY SERVICES												
LTPS-I: Demand Based	(Rs./kVAh)											
All Units	11.50	INR 175/kVA/ Month or part thereof	17.00	INR 180/kVA/ Month or part thereof	19.00	INR 180/kVA/ Month or part thereof	21.00	INR 180/kVA/ Month or part thereof	23.00	INR 180/kVA/ Month or part thereof	25.00	INR 180/kVA/ Month or part thereof
LTPS-II: Connected Load Based	(Rs./kWh)											

Category	FY 2024-25		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge	Fixed Charges										
All Units	11.50	INR 175/kW/ Month or part thereof	17.00	INR 180/kW/ Month or part thereof	19.00	INR 180/kW/ Month or part thereof	21.00	INR 180/kW/ Month or part thereof	23.00	INR 180/kW/ Month or part thereof	25.00	INR 180/kW/ Month or part thereof
LTPS-III: Connected Load Based	(Rs./kWh)											
All Units	11.50	INR 175/kW/ Month or part thereof	17.00	INR 180/kW/ Month or part thereof	19.00	INR 180/kW/ Month or part thereof	21.002	INR 180/kW/ Month or part thereof	23.00	INR 180/kW/ Month or part thereof	25.00	INR 180/kW/ Month or part thereof
ELECTRIC VEHICLE CHARGING STATIONS												
LTEV-I: Demand Based	(Rs./kVAh)											
All Units	12.00		15.00	INR 25/kVA/ Month or part thereof	16.00	INR 25/kVA/M onth or part thereof	17.00	INR 25/kVA/ Month or part thereof	18.00	INR 25/kVA/ Month or part thereof	19.00	INR 25/kVA/ Month or part thereof
HIGH TENSION SUPPLY												
HTS-I: Demand Based	(Rs./kVAh)											
All Units	11.50	INR 30/kVA/ Month or	15.00	INR 50/kVA/ Month or	16.50	INR 50/kVA/M onth or	18.00	INR 50/kVA/ Month or	19.50	INR 50/kVA/ Month or	21.00	INR 50/kVA/ Month or

Category	FY 2024-25		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge	Fixed Charges										
		part thereof										
HTS-II: Demand Based	(Rs./kVAh)											
All Units	16.75	INR 50/kVA/ Month or part thereof	18.00	INR 70/kVA/ Month or part thereof	21.00	INR 70/kVA/ Month or part thereof	24.00	INR 70/kVA/ Month or part thereof	27.00	INR 70/kVA/ Month or part thereof	30.00	INR 70/kVA/ Month or part thereof
HTS-III: Demand Based	(Rs./kVAh)											
All Units	2.25	INR 60/kVA/ Month or part thereof	3.00	INR 65/kVA/ Month or part thereof	3.30	INR 70/kVA/ Month or part thereof	3.60	INR 70/kVA/ Month or part thereof	3.90	INR 70/kVA/ Month or part thereof	4.20	INR 70/kVA/ Month or part thereof
HTS-IV: Demand Based	(Rs./kVAh)											
All Units	11.75	INR 75/kVA/ Month or part thereof	12.00	INR 80/kVA/ Month or part thereof	13.00	INR 85/kVA/ Month or part thereof	14.00	INR 90/kVA/ Month or part thereof	15.00	INR 95/kVA/ Month or part thereof	16.00	INR 95/kVA/ Month or part thereof
HTS-V: Demand Based	(Rs./kVAh)											

Category	FY 2024-25		FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge	Fixed Charges										
All Units	11.50	INR 175/kVA/ Month or part thereof	12.50	INR 145/kVA/ Month or part thereof	13.50	INR 145/kVA/ Month or part thereof	14.501	INR 145/kVA/ Month or part thereof	15.50	INR 145/kVA/ Month or part thereof	16.50	INR 145/kVA/ Month or part thereof
HTS-VI: Demand Based	(Rs./kVAh)											
All Units	12.00		16.00	INR 25/kVA/ Month or part thereof	17.00	INR 25/kVA/M onth or part thereof	18.00	INR 25/kVA/ Month or part thereof	19.00	INR 25/kVA/ Month or part thereof	20.00	INR 25/kVA/ Month or part thereof

6.2 Revenue from Approved Retail Tariff for 4th Control Period from FY 2025-26 to FY 2029-30

The Commission has decided that the approved tariff for FY 2025-26 to FY 2029-30 will be applicable from 1st November 2025.

Based on the retail tariff approved above, the revenue at existing tariff has been estimated for 7 months (i.e. from 1st April 2025 to 31st October 2025) and revenue at revised tariff for 5 months (i.e. from 1st November 2025 to 31st March 2026) has been considered to compute revenue at proposed tariff for FY 2025-26, while for remaining years of the control period approved tariff for respective year has been considered. Revenue estimated by the Commission on approved tariff for FY 2025-26 to FY 2029-30 is given in the following table:

Table 120: Total Revenue at approved tariff by the Commission for the 4th Control Period from FY 2025-26 to FY 2029-30

Categories	FY 2025-26			FY 2026-27			FY 2027-28			FY 2028-29			FY 2029-30		
	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)
DOMESTIC SERVICE (DS)															
LTDS-I: Connected Load Based	0.01	0.00	3.06	0.01	0.00	3.48	0.01	0.00	3.78	0.01	0.00	4.08	0.01	0.00	4.38
LTDS-II: Demand Based	176.92	145.05	8.20	184.64	167.85	9.09	195.58	193.33	9.88	207.45	221.53	10.68	223.30	255.90	11.46
LTDS-III: Demand Based	0.88	1.21	13.81	0.91	1.40	15.30	0.97	1.59	16.40	1.03	1.80	17.49	1.10	2.05	18.56
NON-DOMESTIC SERVICE (NDS)		-													
NDS— I. Demand Based	57.78	105.02	18.17	61.13	127.01	20.78	63.88	136.76	21.41	68.47	150.67	22.01	73.61	165.60	22.50
NDS— II: Demand Based	14.33	26.38	18.41	15.16	33.43	23.05	15.84	35.83	24.61	16.98	39.33	26.15	18.25	43.19	27.64
NDS— III: Demand Based	0.03	0.05	17.27	0.03	0.06	19.00	0.03	0.06	20.00	0.03	0.07	21.00	0.04	0.08	22.00

Categories	FY 2025-26			FY 2026-27			FY 2027-28			FY 2028-29			FY 2029-30		
	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)
NDS— IV: Demand Based	0.95	1.89	19.92	1.01	2.34	24.22	1.05	2.51	25.91	1.13	2.76	27.54	1.21	3.03	29.03
NDS— V: Connected Load Based	1.01	0.62	6.11	1.07	0.51	4.74	1.12	0.60	5.33	1.20	0.71	5.90	1.29	0.84	6.47
AGRICULTURAL SERVICE (AS)															
LTAS — I: Connected Load Based	0.51	0.13	2.62	0.57	0.18	3.09	0.65	0.20	3.07	0.74	0.23	3.08	0.85	0.26	3.11
LTAS — II: Demand Based	0.88	0.22	2.46	0.98	0.27	2.95	1.11	0.30	3.14	1.26	0.34	3.03	1.44	0.39	3.52
LTAS — III: Demand Based	0.74	0.21	2.80	0.82	0.31	3.71	0.93	0.36	3.88	1.06	0.43	4.05	1.21	0.51	4.24
INDUSTRIAL SERVICES (LTIS)	11.50	17.10	15.48	11.98	20.01	18.60	12.65	22.31	20.01	13.40	24.89	21.41	14.33	27.96	22.82
PUBLIC UTILITY SERVICES															
LTPS-I: Demand Based	0.88	1.29	14.88	0.84	1.45	16.70	0.82	1.53	17.64	0.80	1.57	18.57	0.78	1.62	20.75
LTPS-II: Connected Load Based	3.29	4.66	14.58	3.15	5.44	17.69	3.05	5.58	18.72	2.97	5.73	19.74	2.92	5.92	20.31
LTPS.III: Connected Load Based	0.26	0.39	14.17	0.25	0.45	17.27	0.24	0.46	19.07	0.23	0.47	19.30	0.23	0.48	21.10
Electric Vehicle Charging stations															

Categories	FY 2025-26			FY 2026-27			FY 2027-28			FY 2028-29			FY 2029-30		
	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)	Energy Sales (MU's)	Revenue (Cr)	ABR (Rs/unit)
LTEV-I: Demand Based	0.41	0.55	13.27	0.46	0.74	16.07	0.52	0.89	17.09	0.59	1.07	18.11	0.68	1.30	19.15
HIGH TENSION SUPPLY															
HTS-I: Demand Based	0.00	-	-	0.00	-	-	0.00	-	-	0.00	-	-	0.00	-	-
HTS-II: Demand Based	18.22	32.72	17.96	19.27	42.09	21.84	20.14	50.06	24.85	21.59	60.11	27.85	23.21	71.58	30.84
HTS-III: Demand Based	0.00	-	-	0.00	-	-	0.00	-	-	0.00	-	-	0.00	-	-
HTS-IV: Demand Based	0.38	0.57	14.89	0.40	0.64	16.08	0.42	0.72	17.04	0.45	0.80	17.98	0.48	0.90	18.75
HTS-V: Demand Based	38.93	51.53	13.24	43.74	63.49	14.52	48.66	75.36	15.49	53.43	87.99	16.47	58.46	102.03	17.45
HTS-VI: Demand Based	3.79	5.27	13.92	4.24	6.95	16.39	4.80	8.40	17.50	5.46	10.18	18.64	6.27	12.42	19.82
Total	331.69	394.83	11.90	350.66	474.65	13.54	372.48	536.85	14.41	398.26	610.69	15.33	429.67	696.06	16.20

The Petitioner has not submitted the Revenue Gap at proposed tariff. However, the revenue gap at the revised tariff approved by the Commission is given in the Table below:

Table 121: Revenue gap at tariff approved by the Commission for 4th Control Period from FY 2025-26 to FY 2029-30 (Rs. Crores)

Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Annual Revenue Requirement	994.91	1,095.86	1,135.27	1,179.11	1,233.91
Revenue from Sale of Power at approved tariff	394.83	474.65	536.85	610.69	696.06
Revenue Gap /(Surplus)	600.08	621.20	598.41	568.42	537.84

The Petitioner has submitted a letter F. No. 3-1(12)/2022-Power dated 24th October 2025, towards meeting the Revenue gap of Net Revenue Requirement (NRR) & Revenue Realised (RR) for FY 2025-26 to FY 2029-30 shall be funded by Administration of the UT of Andaman & Nicobar . Hence, The Commission has considered the same while approving the tariffs for all the years of the 4th MYT Control Period. Therefore final (Surplus)/Gap is approved as 'NIL' for the Control Period.

The following table provides the ACoS and ABR at the tariff approved by the Commission:

Table 122: Approved ACoS and ABR by the Commission at approved tariff for 4th Control Period from FY 2025-26 to FY 2029-30

Categories	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Existing	Approved								
1 Net ARR(Cr)	994.91	994.91	1,095.86	1,095.86	1,135.27	1,135.27	1,179.11	1,179.11	1,233.91	1,233.91
2 Revenue from Sales(Cr)	376.39	394.83	392.68	474.65	416.49	536.85	445.82	610.69	480.43	696.06
3 Gap (1-2)	618.52	600.08	703.18	621.20	718.78	598.41	733.29	568.42	753.48	537.84
4 Total Sales(MUs)	331.69	331.69	350.66	350.66	372.48	372.48	398.26	398.26	429.67	429.67
5 Average Cost of Supply (1/4x10)(Rs/Unit)	30.00	30.00	31.25	31.25	30.48	30.48	29.61	29.61	28.72	28.72
6 Average Billing Rate (2/4x10)(Rs/Unit)	11.35	11.90	11.20	13.54	11.18	14.41	11.19	15.33	11.18	16.20
7 Per Unit Gap (5-6)(Rs/unit)	18.65	18.09	20.05	17.72	19.30	16.07	18.41	14.27	17.54	12.52
8 Average Hike in Tariff (Rs/Unit)		0.56		2.34		3.23		4.14		5.02
9 Tariff Hike in (%)		4.9%		20.9%		28.9%		37.0%		44.9%

Chapter 7: Tariff Schedule

Table 123: Tariff Schedule approved by the Commission for the 4th MYT Control Period from FY 2025-26 to FY 2029-30

Category	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge	Fixed Charges								
DOMESTIC SERVICE (DS)										
LTDS-I: Connected Load Based	(Rs./kWh)									
Up to 100	2.70	INR 25/kW/ Month or part thereof	3.00	INR 25/kW/ Month or part thereof	3.30	INR 25/kW/ Month or part thereof	3.60	INR 25/kW/ Month or part thereof	3.90	INR 25/kW/ Month or part thereof
LTDS-II: Demand Based	(Rs./kWh)									
0-100	3.70	INR 30/kW/ Month or part thereof	4.20	INR 35/kW/ Month or part thereof	4.70	INR 40/kW/ Month or part thereof	5.20	INR 45/kW/ Month or part thereof	5.70	INR 50/kW/ Month or part thereof
101-200	7.00		7.50		8.00		8.50		9.00	
201-300	10.00		10.90		11.90		12.90		13.90	
301-400	11.00		11.90		12.90		13.90		14.90	
Above 400	12.00		12.90		13.90		14.90		15.90	
LTDS-III: Demand Based	(Rs./kWh)									
0-100	7.00	INR 50/kW/ Month or part thereof	7.80	INR 55/kW/ Month or part thereof	8.80	INR 60/kW/ Month or part thereof	9.80	INR 65/kW/ Month or part thereof	10.80	INR 70/kW/ Month or part thereof
101-200	8.80		9.80		10.80		11.80		12.80	
201-300	11.80		12.80		13.80		14.80		15.80	
301-400	13.80		14.80		15.80		16.80		17.80	
Above 400	15.40		16.40		17.40		18.40		19.40	
NON-DOMESTIC SERVICE (NDS)										
NDS - I: Demand Based	(Rs./kVAh)									
1-100	12.00	INR 55/kVA/ Month or part thereof	12.50	INR 60/kVA /Month or part thereof	13.00	INR 65/kVA /Month or part thereof	13.50	INR 70/kVA /Month or part thereof	14.00	INR 70/kVA /Month or part thereof
101-200	15.00		15.50		16.00		16.50		17.00	
Above 200	20.00		20.50		21.00		21.50		22.00	
NDS - II: Demand Based	(Rs./kVAh)									
1-100	13.00	INR 55/kVA/ Month or part thereof	13.50	INR 60/kVA /Month or part thereof	14.00	INR 65/kVA /Month or part thereof	14.50	INR 70/kVA /Month or part thereof	15.00	INR 70/kVA /Month or part thereof
101-200	16.00		16.50		17.00		17.50		18.00	
Above 200	21.00		22.50		24.00		25.50		27.00	

Category	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge	Fixed Charges								
NDS - III: Demand Based	(Rs./kVAh)									
All Units	18.00	INR 70/kVA/ Month or part thereof	19.00	INR 70/kVA/ Month or part thereof	20.00	INR 70/kVA/ Month or part thereof	21.00	INR 70/kVA/ Month or part thereof	22.00	INR 70/kVA/ Month or part thereof
NDS - IV: Demand Based	(Rs./kVAh)									
All Units	21.00	INR 55/kVA/ Month or part thereof	22.50	INR 60/kVA/ Month or part thereof	24.00	INR 65/kVA/ Month or part thereof	25.50	INR 70/kVA/ Month or part thereof	27.00	INR 70/kVA/ Month or part thereof
NDS - V: Connected Load Based	(Rs./kWh)									
All Units	3.70	INR 30/kW/ Month or part thereof	4.20	INR 35/kW/ Month or part thereof	4.70	INR 40/kW/ Month or part thereof	5.20	INR 45/kW/ Month or part thereof	5.70	INR 50/kW/ Month or part thereof
AGRICULTURAL SERVICE (AS)										
LTAS - I: Connected Load Based	(Rs./kWh)									
All Units	2.50	INR 60/kW/ Month or part thereof	2.60	INR 60/kW/ Month or part thereof	2.70	INR 60/kW/ Month or part thereof	2.80	INR 60/kW/ Month or part thereof	2.90	INR 60/kW/ Month or part thereof
LTAS - II: Demand Based	(Rs./kVAh)									
All Units	2.70	INR 60/kVA/ Month or part thereof	2.90	INR 60/kVA/ Month or part thereof	3.10	INR 60/kVA/ Month or part thereof	3.00	INR 60/kVA/ Month or part thereof	3.50	INR 60/kVA/ Month or part thereof
LTAS - III: Demand Based	(Rs./kVAh)									
All Units	3.00	INR 60/kVA/ Month or part thereof	3.25	INR 65/kVA/ Month or part thereof	3.50	INR 70/kVA/ Month or part thereof	3.75	INR 75/kVA/ Month or part thereof	4.00	INR 80/kVA/ Month or part thereof
INDUSTRIAL SERVICES (LTIS)										

Category	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge	Fixed Charges								
LTIS - I: Demand Based	(Rs./kVAh)									
1-500 kVAh	10.00	INR 80/kVA/ Month or part thereof	11.00	INR 80/kVA/ Month or part thereof	12.00	INR 80/kVA/ Month or part thereof	13.00	INR 80/kVA/ Month or part thereof	14.00	INR 80/kVA/ Month or part thereof
501-1000 kVAh	13.00		14.00		15.00		16.00		17.00	
Above 1000 kVAh	16.50		18.00		19.50		21.00		22.50	
PUBLIC UTILITY SERVICES										
LTIPS-I: Demand Based	(Rs./kVAh)									
All Units	17.00	INR 180/kVA/ Month or part thereof	19.00	INR 180/kVA/ Month or part thereof	21.00	INR 180/kVA/ Month or part thereof	23.00	INR 180/kVA/ Month or part thereof	25.00	INR 180/kVA/ Month or part thereof
LTIPS-II: Connected Load Based	(Rs./kWh)									
All Units	17.00	INR 180/kW/ Month or part thereof	19.00	INR 180/kW/ Month or part thereof	21.00	INR 180/kW/ Month or part thereof	23.00	INR 180/kW/ Month or part thereof	25.00	INR 180/kW/ Month or part thereof
LTIPS-III: Connected Load Based	(Rs./kWh)									
All Units	17.00	INR 180/kW/ Month or part thereof	19.00	INR 180/kW/ Month or part thereof	21.002	INR 180/kW/ Month or part thereof	23.00	INR 180/kW/ Month or part thereof	25.00	INR 180/kW/ Month or part thereof
ELECTRIC VEHICLE CHARGING STATIONS										
LTEV-I: Demand Based	(Rs./kVAh)									
All Units	15.00	INR 25/kVA/ Month or part thereof	16.00	INR 25/kVA/ Month or part thereof	17.00	INR 25/kVA/ Month or part thereof	18.00	INR 25/kVA/ Month or part thereof	19.00	INR 25/kVA/ Month or part thereof
HIGH TENSION SUPPLY										
HTS-I: Demand Based	(Rs./kVAh)									

Category	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
	Energy Charge	Fixed Charges	Energy Charge	Fixed Charges	Energy Charge	Fixed Charges	Energy Charge	Fixed Charges	Energy Charge	Fixed Charges
All Units	15.00	INR 50/kVA/ Month or part thereof	16.50	INR 50/kVA /Month or part thereof	18.00	INR 50/kVA /Month or part thereof	19.50	INR 50/kVA /Month or part thereof	21.00	INR 50/kVA /Month or part thereof
HTS-II: Demand Based	(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)	
All Units	18.00	INR 70/kVA/ Month or part thereof	21.00	INR 70/kVA /Month or part thereof	24.00	INR 70/kVA /Month or part thereof	27.00	INR 70/kVA /Month or part thereof	30.00	INR 70/kVA /Month or part thereof
HTS-III: Demand Based	(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)	
All Units	3.00	INR 65/kVA/ Month or part thereof	3.30	INR 70/kVA /Month or part thereof	3.60	INR 70/kVA /Month or part thereof	3.90	INR 70/kVA /Month or part thereof	4.20	INR 70/kVA /Month or part thereof
HTS-IV: Demand Based	(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)	
All Units	12.00	INR 80/kVA/ Month or part thereof	13.00	INR 85/kVA /Month or part thereof	14.00	INR 90/kVA /Month or part thereof	15.00	INR 95/kVA /Month or part thereof	16.00	INR 95/kVA /Month or part thereof
HTS-V: Demand Based	(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)	
All Units	12.50	INR 145/kVA /Month or part thereof	13.50	INR 145/kV A/Mont h or part thereof	14.50	INR 145/kV A/Mont h or part thereof	15.50	INR 145/kV A/Mont h or part thereof	16.50	INR 145/kV A/Mont h or part thereof
HTS-VI: Demand Based	(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)		(Rs./kVAh)	
All Units	16.00	INR 25/kVA/ Month or part thereof	17.00	INR 25/kVA /Month or part thereof	18.00	INR 25/kVA /Month or part thereof	19.00	INR 25/kVA /Month or part thereof	20.00	INR 25/kVA /Month or part thereof

7.1 Applicability

A: Low Tension Supply

System of supply: Low Tension

Single Phase supply at 230 Volts Three Phase supply at 400 Volts.

The tariffs are applicable for supply of electricity to LT consumers with a connected / contracted demand up to 100 kVA / 85 kW / 114 HP under single or three phase supply as detailed below:

- Single Phase supply up to 5 kW
- Three Phase supply exceeding 5 kW and up to 114 HP/ 85 kW / 100 kVA except Electric Vehicle Charging Stations.

Provided that LT consumers having sanctioned/ contracted load upto 90 kW/ 120 HP and are billed under LT tariff vide earlier tariff order shall continue to be billed under LT tariff.

- Electric Vehicle Charging Stations upto 150 kW/167 kVA shall also avail supply at three phase.
- LT Agricultural consumers up to 5 kW connected / contracted demand shall also avail supply at three phase.

CATEGORY OF SERVICE AND TARIFF RATES

1. Domestic Service (DS)

Applicability

This tariff is applicable for supply of electricity for domestic purposes such as lights, fans, televisions, heaters, air-conditioners, washing machines, air-coolers, geysers, refrigerators, ovens, mixers and other domestic appliances including motor pumps for lifting water for domestic purposes having sanctioned/contracted load up to 85 kW / 100 kVA.

This is also applicable to the government residential quarters, and common facilities in the residential multistoried apartments, buildings and supply to residential quarter attached with the private/government educational institutions, etc.

This is also applicable to a premises wherein a part of the domestic premises is used for running small shops, clinics, offices, homestays, etc. for non-domestic purposes.

TARIFF RATES

1.1. LTDS-I: Connected Load Based

This will be applicable to all dwelling houses below the poverty line (BPL) with a total connected load not exceeding 250 watts and maximum consumption of 100 units per month.

Fixed charge	Energy charge	
(Load up to 250 Watts)	Consumption in a month (kWh)	Rate
Rs. / connection / per month		(Rs/kWh)
As per the tariff Schedule provided in the Chapter 7 of this order	Up to 100 kWh	As per the tariff Schedule provided in the Chapter 7 of this order

In case it is detected that the connected load or the consumption exceeds the norms prescribed above, the demand charge and consumed units for that billing period shall be billed at the tariff rates applicable to Domestic Connection.

1.2 LTDS-II: Demand Based

This is applicable for domestic premises as well as government residential quarters. This is also applicable to the common facilities in the residential multistoried apartments/buildings having sanctioned/contracted load up to 85 kW / 100 kVA.

Note: In case the consumers in Multi-consumer complex have availed individual connections, separate connection shall be provided for consumption of energy for common services such as lifts, pumps for pumping water, etc., and such consumption of such connection shall be billed at highest slab of respective tariff category.

Fixed charge	Energy charge		
	Consumption in a month (kWh)	Rate	
Rs./kW or part thereof per month		Rs/kWh	
As per the tariff Schedule provided in the Chapter 7 of this order	0-100	As per the tariff Schedule provided in the Chapter 7 of this order	
	101-200		
	201-300		
	301-400		
	Above 400		

If any portion of the premises is used for other than domestic purposes, tariff for Domestic Mixed Connection shall be applicable.

1.3 LTDS-III: Demand Based

This is applicable for a premises wherein a part of the domestic premises is used for running small shops, clinics, offices, homestays, etc. for non-domestic purposes. This is also applicable to the common facilities in the mixed multistoried apartments/buildings and supply to residential quarter attached with the private/government educational institutions having sanctioned/contracted load up to 85 kW / 100 kVA.

Fixed charge	Energy charge		
	Consumption in a month (kWh)	Rate	
Rs./kW or part thereof per month		Rs/kWh	
As per the tariff Schedule provided in the Chapter 7 of this order	0-100	As per the tariff Schedule provided in the Chapter 7 of this order	
	101-200		
	201-300		
	301-400		
	Above 400		

2.0. NON-DOMESTIC SERVICE (NDS)

Applicability

This is applicable for supply of electrical energy for non-domestic consumers having sanctioned/contracted load up to 85 kW / 100 kVA, using electrical energy for light, fan and power loads for non-domestic purposes like shops, hospitals, nursing homes, clinics, dispensaries, restaurants, bakery outlets, standalone warehouses, scrapyards, hotels, clubs, guest houses, resorts, PG, old age homes, farm houses, marriage houses, public halls, show rooms, centrally air-conditioning units, cold storage, offices, commercial establishments, cinemas, X- ray plants, non-government schools, colleges, libraries and research institutes, boarding/lodging houses, libraries, railway stations, fuel/oil stations, service stations, All India Radio/T.V. installations, printing presses, government / commercial trusts, societies, banks, theatres, circus, coaching institutes, common facilities in multistoried commercial

office/buildings, Government and semi-government offices, public museums, Government educational institutions, Government hospitals and government research institutions and non-profitable government aided educational institutions, non-profitable recognized charitable cum public institutions, places of worship like temples, mosques, gurudwaras, churches etc. and burial/crematorium grounds, signboards, banners and hoardings for advertisement and other installations not covered under any other tariff schedule.

2.1. NDS – I: Demand Based

This tariff shall be applicable to supply of electrical energy for non-domestic consumers using electrical energy for light, fan and power loads for non-domestic purposes like shops, hospitals, nursing homes, clinics, dispensaries, clubs, public halls, show rooms, centrally air-conditioning units, bakery outlets, standalone warehouses, scrapyards, cold storage, offices, commercial establishments, cinemas, X- ray plants, non-government schools, colleges, libraries and research institutes, libraries, railway stations, fuel/oil stations, service stations, All India Radio/T.V. installations, printing presses, government / commercial trusts, societies, banks, theatres, circus, coaching institutes, common facilities in multistoried commercial office/buildings, Government and semi-government offices, public museums, and burial/crematorium grounds, and other installations not covered under any other tariff schedule for contracted load up to 85 kW/ 100 kVA.

Fixed charge	Energy charges	
Rs./kVA or part thereof per month	Consumption in a month (kVAh)	Rate
		Rs/kVAh
As per the tariff Schedule provided in the Chapter 7 of this order	1-100	As per the tariff Schedule provided in the Chapter 7 of this order
	101-200	
	Above 200	

2.2. NDS – II: Demand based

This is applicable to premises having hotels & restaurants, guest houses, marriage houses, resorts, boarding & lodging houses, farm houses, PG, old age homes, etc having sanctioned/contracted load up to 85 kW / 100 kVA.

Fixed charge	Energy charges	
Rs./kVA or part thereof per month	Consumption in a month (kVAh)	Rate
		Rs/kVAh
As per the tariff Schedule provided in the Chapter 7 of this order	1-100	As per the tariff Schedule provided in the Chapter 7 of this order
	101-200	
	Above 200	

2.3. NDS – III: Demand based

This tariff shall be applicable to hoardings/ sign boards/advertising boards having sanctioned/contracted load up to 85 kW / 100 kVA.

Fixed charge	Energy charges
Rs./kVA or part thereof per month	Rate
	Rs/kVAh
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

2.4. NDS – IV: Demand Based

This tariff shall be applicable to Government educational institutions, Government hospitals and government research institutions and non-profitable government aided educational institutions, non-profitable recognized charitable cum public institutions having sanctioned/contracted load up to 85 kW/100 kVA.

Fixed charge	Energy charges
Rs./kVA or part thereof per month	Rate
	Rs/kVAh
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

2.5. NDS – V: Connected Load Based

This tariff shall be applicable to places of worship like temples, mosques, gurudwaras, churches, seminaries, shrines, etc. having sanctioned/contracted load up to 85 kW / 100 kVA.

Fixed charge	Energy charges
Rs./kW or part thereof per month	Rate
	Rs/kWh
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

3.0 AGRICULTURAL SERVICE (AS)**Applicability**

This is applicable for supply of electrical energy for irrigation and agricultural purposes including processing of Agricultural Produce, including chaff-cutter, thrasher, cane crusher, mushroom farming and rice Huller when operated by the agriculturist in the field or farm. This is also applicable to agricultural allied services such as animal husbandry, horticulture, pisciculture, hatcheries, poultries, fisheries, etc. having sanctioned/contracted load up to 85 kW / 100 kVA.

3.1. LTAS – I: Connected load based

This is applicable for supply of electrical energy having sanctioned/contracted load up to 10 kW for irrigation and agricultural purposes including processing of Agricultural Produce, including chaff-cutter, thrasher, cane crusher, mushroom farming and rice Huller when operated by the agriculturist in the field or farm.

Fixed charge	Energy charges
Rs./kW or part thereof per month	Rate
	(Rs/kWh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

3.2. LTAS – II: Demand based

This is applicable for supply of electrical energy having sanctioned/contracted load up to beyond 10 kW and upto 85 kW/ 100 kVA for irrigation and agricultural purposes including processing of Agricultural Produce, including chaff-cutter, thrasher, cane crusher, mushroom farming and rice Huller when operated by the agriculturist in the field or farm.

Fixed charge	Energy charges
Rs./kVA or part thereof per month	Rate
	(Rs/kVAh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

3.3. LTAS – III: Demand based

This is applicable to agricultural allied services such as animal husbandry, horticulture, pisciculture, hatcheries, poultries, fisheries, etc. having sanctioned/contracted load up to 85 kW / 100 kVA.

Fixed charge	Energy charges
Rs./kVA or part thereof per month	Rate
	(Rs/kVAh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

4.0 INDUSTRIAL SERVICES (LTIS)**Applicability**

This is applicable for supply of electricity to industrial consumers which includes incidental lighting for industrial processing or agro-industries purposes, arc welding sets, flour mills, oil mills, rice mills, dal mills, atta chakki, Huller, expellers, etc. having sanctioned/contracted load up to 85 kW / 100 kVA.

4.1. LTIS – I: (Demand based)

This is applicable for supply of electricity to industrial consumers having sanctioned/contracted load up to 85 kW / 100 kVA.

Fixed charge	Consumption in a month (kVAh)	Energy charges
Rs./kVA or part thereof per month		(Rs/kVAh)
As per the tariff Schedule provided in the Chapter 7 of this order	1-500	As per the tariff Schedule provided in the Chapter 7 of this order
	501-1000	
	Above 1000	

5.0. PUBLIC UTILITY SERVICES**Applicability**

This is applicable to public water works, sewerage treatment plant and sewerage pumping stations as well as street light system including Mast lights functioning under state government and state government undertakings and local bodies, Defense establishments/MES and Indian Railways (for

traction purpose). This is also applicable to the Traffic Lights having sanctioned/contracted load up to 85 kW / 100 kVA.

5.1. LTPS-I: Demand Based

This is applicable to public water works, sewerage treatment plant and sewerage pumping stations functioning under state government and state government undertakings and local bodies and having sanctioned/contracted load up to 85 kW / 100 kVA.

Fixed charge Rs./kVA or part thereof per month	Energy charges (Rs./kVAh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

5.2. LTPS-II: Connected Load Based

This is applicable to street light system including Mast lights functioning under state government and state government undertakings and local bodies and having sanctioned/contracted load up to 85 kW / 100 kVA.

Fixed charge Rs./kW or part thereof per month	Rate (Rs./kWh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

5.3. LTPS-III: Connected Load Based

This is applicable for public utility purposes as defined under Public Utility Services such as Defense establishments/MES, Indian Railways (for traction purpose), etc. having sanctioned/contracted load up to 85 kW / 100 kVA.

Fixed charge Rs./kW or part thereof per month	Rate (Rs./kWh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

6.0. Electric Vehicle Charging Stations

Applicability

This Tariff category is applicable for Public Charging Stations (PCS) and Captive Charging Stations (CCS) for electric vehicle as defined below in accordance with the Ministry of Power, GoI revised consolidated guidelines, and standards for charging infrastructures for Electric Vehicles dated 14th January, 2022 and having sanctioned/contracted load up to 150 kW / 167 kVA.

Public Charging Stations (PCS) shall mean an EV charging station where any electric vehicle can get its battery recharged. Captive Charging Stations (CCS) shall mean an electric vehicle charging station exclusively for the electric vehicles owned or under the control of the owner of the charging station e.g.,

Government Departments, Corporate houses, Bus Depots, Charging stations owned by the fleet owners, etc. but not being used for commercial purpose of charging other vehicles on paid basis.

Note:

(i) Electricity consumption for other facilities and purposes at Charging Station such as office, restaurant, rest rooms, convenience stores, public amenities, etc., shall be charged at tariff applicable to Non-Domestic Category.

(ii) In case the consumer uses the electricity supply for charging his own electric vehicle at his premises, the tariff applicable shall be as per the category of such premises.

6.1. LTEV-I: Demand Based

This Tariff category is applicable for Public Charging Station and Captive Charging Stations for electric vehicle having sanctioned/contracted load up to 150 kW / 167 kVA.

Fixed charge Rs./kVA/month	Energy charges (Rs./kVAh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

TERMS AND CONDITIONS OF LT TARIFF

(Applicable for all the years of the 4th Control Period from FY 2025-26 to FY 2029-30)

1. Recovery of Fixed / Demand Charge

The billing demand shall be the maximum demand recorded during the month or 85% of the contract demand whichever is higher.

If the recorded maximum demand is greater than the contracted demand, excess demand shall be billed at double the normal rate. Energy corresponding to excess demand shall also be billed at double the normal rate.

Fixed/Demand charges, wherever applicable, will be double as and when bi-monthly billing is carried out. Similarly, slabs of energy consumption will also be considered accordingly in case of bi-monthly billing.

The fixed/demand charge shall be recovered in full only if the average supply of power duly recorded by the consumer meter is maintained for at least 23 hours/day during the billing month. In any month if the supply of power is less than average 23 hours/day, then the demand charge for that month shall be levied on prorata basis.

2. Fuel and Power Purchase Cost Adjustment Surcharge (FPPCAS)

In addition to the tariff, Fuel and Power Purchase Cost Adjustment Surcharge (FPPCAS), if applicable, shall be charged extra.

3. Delayed Payment Surcharge (DPS)

In case a consumer does not pay energy bills in full by due date specified in the bill, a delayed payment surcharge of one and half (1.5) percent per month on the outstanding principal amount of bill will be levied from the due date for payment until the payment is made in full without prejudice to right of the

Licensee to disconnect the supply in accordance with Section 56 of the Electricity Act, 2003. In case of delay less than a month, the delayed payment surcharge will be levied at 1.50% per month on proportionate basis considering a month consists of 30 days.

Provided that, if a consumer makes part payment of a bill, in exceptional circumstances, with prior approval of the Competent Authority, within the due date, then the delayed payment charges shall be applicable only on the amount which was not paid within the due date.

In case of permanent disconnection, delayed payment surcharge shall be charged up to the month of permanent disconnection.

4. Duties and Taxes

The tariff is exclusive of electricity duty, taxes and other charges. Other statutory levies like electricity duty or any other taxes, duties etc., imposed by the State Government / Central Government or any other competent authority, shall be levied extra and shall not be part of the tariff as determined under this Order.

5. Advance Payment

If a consumer makes advance payment against his future bills he shall be allowed an interest of one percent (1%) per month on the amount (excluding security deposit) which remains with the licensee at the end of the month. Such amount of interest shall be adjusted in subsequent monthly regular electricity bills on reducing balance.

6. Power Factor Surcharge/Rebate

Any LT consumer except Domestic category who fails to maintain monthly average power factor of 85% having billing on kW/kWh basis shall pay/avail a surcharge/rebate in addition to his normal tariff at the following rate:

a. Power Factor Surcharge

(i) For each fall of 0.01 in power factor for $0.85 > pf \geq 0.8$	2% on demand and energy charge
(ii) For each fall of 0.01 in power factor for $0.80 > pf \geq 0.75$	2.5% on demand and energy charge
(iii) For each fall of 0.01 in power factor below 0.75	3% on demand and energy charge
In case the monthly average power factor is less than 0.70 lagging, the installation is liable for disconnection after due notice.	

b. Power Factor Rebate

(i) For each increase of 0.01 in power factor for $0.90 < pf \leq 0.95$	0.5 (half) percent on demand and energy charge (Actual Recorded)
(ii) For each increase of 0.01 in power factor above 0.95	1.0 (one) percent on demand and energy charges. (Actual Recorded)

7. Time of Day tariff (ToD) (Optional)

All LT consumers except Agriculture shall be mandatory billed under ToD tariff at the rates given in the below schedule from the date of installation of smart meters in their premises.

Under the Time of Day (ToD) tariff, electricity consumption and maximum demand for different periods of the day, i.e. normal period, peak load period and off-peak load period, shall be recorded by installing a ToD compliant meter. The maximum demand and consumption recorded in different periods shall be billed at the following rates on the tariff applicable to the consumer.

Time of Use	Demand Charges	Energy Charges
(i) Solar Hours (08:00 to 16:00)	Normal Rate	80% of normal rate of energy charges
(ii) Normal Hours (16:00 to 18:00) and (01:00 to 08:00)	Normal Rate	Normal rate of energy charges
(iii) Peak period (18:00 to 01:00)	Normal Rate	125% of normal rate of energy charges

8. Temporary Connection

Temporary Connections shall be billed at 150% of tariff rates of Fixed Charge and Energy Charge under respective tariff category.

Note: For conversion of kW to kVA or kW to HP for LT Consumers, the following factor shall be considered:

1 kW = 1.34 HP ; 1 HP = 0.746 kW

1 kW = 1.176 kVA ; 1 kVA = .85 kW

B: High Tension Supply**System of supply:****7.0. High Tension: Three Phase supply at 11/33 kV.**

The tariffs are applicable for supply of electricity to HT consumers with a connected / contracted demand exceeding 100 kVA and up to 5000 kVA under three phase supply at 11/33 kV voltage.

Provided that the aforesaid tariff shall not be applicable for supply of Electric Vehicle Charging Stations having sanctioned/ contracted load up to 150 kW/167 kVA connected at low tension supply voltage.

CATEGORY OF SERVICE AND TARIFF RATES**7.1. HTS-I: Demand Based**

This tariff is applicable for supply of electricity at 11/33 kV for domestic purposes as defined under Domestic Services with a contract demand exceeding 100 kVA and above upto 5000 kVA.

Fixed charge Rs./kVA or part thereof per month	Energy charges (Rs./kVAh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

7.2. HTS-II: Demand Based

This tariff is applicable for supply of electricity at 11/33 kV for non-domestic purposes as defined under Non-Domestic Services with a contract demand exceeding 100 kVA and above upto 5000 kVA.

Fixed charge Rs./kVA or part thereof per month	Energy charges (Rs./kVAh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

7.3. HTS-III: Demand Based

This tariff is applicable for supply of electricity at 11/33 kV for irrigation & agricultural purposes including agricultural allied services as defined under Agricultural Services with a contract demand exceeding 100 kVA and above upto 5000 kVA.

Demand charge Rs./kVA/Month or part thereof	Energy charges (Rs./kVAh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

7.4. HTS-IV: Demand Based

This tariff is applicable for supply of electricity at 11/33 kV for industrial purposes as defined under Industrial Services with a contract demand exceeding 100 kVA and above upto 5000 kVA.

Demand charge Rs./kVA/Month or part thereof	Energy charges (Rs./kVAh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

7.5. HTS-V: Demand Based

This tariff is applicable for supply of electricity at 11/33 kV for public utility purposes as defined under Public Utility Services such as Defense establishments/MES, Indian Railways (for traction purpose), etc. with a contract demand exceeding 100 kVA and above upto 5000 kVA.

Demand charge Rs./kVA/Month or part thereof	Energy charges (Rs./kVAh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

7.6. HTS-VI: Demand Based

This tariff is applicable for supply of electricity at 11/33 kV for public and captive electric vehicle charging stations as defined under Electric Vehicle Charging Stations with a contract demand exceeding 100 kVA and above upto 5000 kVA.

Demand charge Rs./kVA/Month or part thereof	Energy charges (Rs./kVAh)
As per the tariff Schedule provided in the Chapter 7 of this order	As per the tariff Schedule provided in the Chapter 7 of this order

TERMS AND CONDITIONS OF HT TARIFF

(Applicable for all the years of the 4th Control Period from FY 2025-26 to FY 2029-30)

1. Recovery of Fixed / Demand Charge

The billing demand shall be the maximum demand recorded during the month or 85% of the contract demand whichever is higher.

If the recorded maximum demand is greater than the contracted demand, excess demand shall be billed at double the normal rate. Energy corresponding to excess demand shall also be billed at double the normal rate.

The electricity connection shall be disconnected if the over drawl is more than 20% of the contract demand.

The demand charges shall be recovered in full only if the average supply of power duly recorded by the consumer meter is maintained for at least 23 hours/day during the billing month. In any month if the supply of power is less than average 23 hours/day, then the demand charge for that month shall be levied on pro-rata basis.

2. Fuel and Power Purchase Cost Adjustment Surcharge (FPPCAS)

In addition to the tariff, Fuel and Power Purchase Cost Adjustment Surcharge (FPPCAS), if applicable, shall be charged extra.

3. Delayed Payment Surcharge (DPS)

In case a consumer does not pay energy bills in full by due date specified in the bill, a delayed payment surcharge of one and half (1.5) percent per month on the outstanding principal amount of bill will be levied from the due date for payment until the payment is made in full without prejudice to right of the Licensee to disconnect the supply in accordance with Section 56 of the Electricity Act, 2003. In case of delay less than a month, the delayed payment surcharge will be levied at 1.50% per month on proportionate basis considering a month consists of 30 days.

Provided that, if a consumer makes part payment of a bill, in exceptional circumstances, with prior approval of the Competent Authority, within the due date, then the delayed payment charges shall be applicable only on the amount which was not paid within the due date.

In case of permanent disconnection, delayed payment surcharge shall be charged up to the month of permanent disconnection.

4. Duties and Taxes

The tariff is exclusive of electricity duty, taxes and other charges. Other statutory levies like electricity duty or any other taxes, duties etc., imposed by the State Government / Central Government or any other competent authority, shall be levied extra and shall not be part of the tariff as determined under this Order.

5. Advance Payment

If a consumer makes advance payment against his future bills, he shall be allowed an interest of one percent (1%) per month on the amount (excluding security deposit) which remains with the licensee at the end of the month. Such amount of interest shall be adjusted in subsequent monthly regular electricity bills on reducing balance.

6. Voltage Rebate / Surcharge

Consumers under High Tension Services having contracted load above 100 kVA and receiving supply at 33 kV shall avail a voltage rebate of 3% on Energy Charge.

7. Time of Day tariff (ToD)

ToD Tariff is mandatory for all the HT/EHT consumers except for agriculture category and those having captive power plants and/or availing supply from other sources through wheeling of power. HT/EHT industrial consumers who have installed stand-by generating plants shall also be eligible for the aforesaid ToD Tariff.

Under the Time of Day (ToD) tariff, electricity consumption and maximum demand for different periods of the day, i.e. normal period, peak load period and off-peak load period, shall be recorded by installing a ToD compliant meter. The maximum demand and consumption recorded in different periods shall be billed at the following rates on the tariff applicable to the consumer:

Time of Use	Demand Charges	Energy Charges
(i) Solar Hours (08:00 to 16:00)	Normal Rate	80% of normal rate of energy charges

Time of Use	Demand Charges	Energy Charges
(ii) Normal Hours (16:00 to 18:00) and (01:00 to 08:00)	Normal Rate	Normal rate of energy charges
(iii) Peak period (18:00 to 01:00)	Normal Rate	125% of normal rate of energy charges

8. Temporary Connection

Temporary Connections shall be billed at 150% of tariff rates of Fixed Charge and Energy Charge under respective tariff category.

Note: For conversion of kW to kVA or kW to HP for HT/EHT Consumers, the following factor shall be considered:

1 kW = 1.34 HP ; 1 HP = 0.746 kW

1 kW = 1.11 kVA ; 1 kVA = .90 kW

C: Extra High Tension Supply

System of supply:

8.0. Extra High Tension: Three Phase supply at 66 kV & above

The tariffs are applicable for supply of electricity to EHT consumers with a connected / contracted demand exceeding 5000 kVA under three phase supply at 66 kV & above voltage.

CATEGORY OF SERVICE AND TARIFF RATES

8.1. EHTS-I: Demand Based

This tariff is applicable for supply of electricity at 66 kV and above for non-domestic purposes as defined under Non-Domestic Services with a contract demand exceeding 5000 kVA.

Demand charge Rs./kVA/Month or part thereof	Energy charges (Rs./kVAh)
-	-

7.2 EHTS-II: Demand Based

This tariff is applicable for supply of electricity at 66 kV and above for industrial purposes as defined under Industrial Services with a contract demand exceeding 5000 kVA.

Demand charge Rs./kVA/Month or part thereof	Energy charges (Rs./kVAh)
-	-

7.3 EHTS-III: Demand Based

This tariff is applicable for supply of electricity at 66 kV and above for public utility purposes as defined under Public Utility Services such as Defense establishments/MES, Indian Railways (for traction purpose), etc. with a contract demand exceeding 5000 kVA.

Demand charge Rs./kVA/Month or part thereof	Energy charges (Rs./kVAh)
-	-

TERMS AND CONDITIONS OF EHT TARIFF

(Applicable for all the years of the 4th Control Period from FY 2025-26 to FY 2029-30)

The above tariffs are subject to the following conditions:

1. Recovery of Fixed / Demand Charge

The billing demand shall be the maximum demand recorded during the month or 85% of the contract demand whichever is higher.

If the recorded maximum demand is greater than the contracted demand, excess demand shall be billed at double the normal rate. Energy corresponding to excess demand shall also be billed at double the normal rate.

The electricity connection shall be disconnected if the over drawl is more than 20% of the contract demand.

The demand charges shall be recovered in full only if the average supply of power duly recorded by the consumer meter is maintained for at least 23 hours/day during the billing month. In any month if the supply of power is less than average 23 hours/day, then the demand charge for that month shall be levied on pro-rata basis.

2. Fuel and Power Purchase Cost Adjustment Surcharge (FPPCAS)

In addition to the tariff, Fuel and Power Purchase Cost Adjustment Surcharge (FPPCAS), if applicable, shall be charged extra.

3. Delayed Payment Surcharge (DPS)

In case a consumer does not pay energy bills in full by due date specified in the bill, a delayed payment surcharge of one and half (1.5) percent per month on the outstanding principal amount of bill will be levied from the due date for payment until the payment is made in full without prejudice to right of the Licensee to disconnect the supply in accordance with Section 56 of the Electricity Act, 2003. In case of delay less than a month, the delayed payment surcharge will be levied at 1.50% per month on proportionate basis considering a month consists of 30 days.

Provided that, if a consumer makes part payment of a bill, in exceptional circumstances, with prior approval of the Competent Authority, within the due date, then the delayed payment charges shall be applicable only on the amount which was not paid within the due date.

In case of permanent disconnection, delayed payment surcharge shall be charged up to the month of permanent disconnection.

4. Duties and Taxes

The tariff is exclusive of electricity duty, taxes and other charges. Other statutory levies like electricity duty or any other taxes, duties etc., imposed by the State Government / Central Government or any other competent authority, shall be levied extra and shall not be part of the tariff as determined under this Order.

5. Advance Payment

If a consumer makes advance payment against his future bills, he shall be allowed an interest of one percent (1%) per month on the amount (excluding security deposit) which remains with the licensee at the end of the month. Such amount of interest shall be adjusted in subsequent monthly regular electricity bills on reducing balance.

6. Voltage Rebate / Surcharge

Consumers under Extra High Tension Services having contracted load above 5000 kVA and receiving supply at 220 kV shall avail a voltage rebate of 3% on Energy Charge.

7. Time of Day tariff (ToD)

ToD Tariff is mandatory for all the HT/EHT consumers except for agriculture category and those having captive power plants and/or availing supply from other sources through wheeling of power. HT/EHT industrial consumers who have installed stand-by generating plants shall also be eligible for the aforesaid ToD Tariff.

Under the Time of Day (ToD) tariff, electricity consumption and maximum demand for different periods of the day, i.e. normal period, peak load period and off-peak load period, shall be recorded by installing a ToD compliant meter. The maximum demand and consumption recorded in different periods shall be billed at the following rates on the tariff applicable to the consumer.

Time of Use	Demand Charges	Energy Charges
(i) Solar Hours (08:00 to 16:00)	Normal Rate	80% of normal rate of energy charges
(ii) Normal Hours (16:00 to 18:00) and (01:00 to 08:00)	Normal Rate	Normal rate of energy charges
(iii) Peak period (18:00 to 01:00)	Normal Rate	125% of normal rate of energy charges

8. Temporary Connection

Temporary Connections shall be billed at 150% of tariff rates of Fixed Charge and Energy Charge under respective tariff category.

Note: For conversion of kW to kVA or kW to HP for HT/EHT Consumers, the following factor shall be considered:

1 kW = 1.34 HP ; 1 HP = 0.746 kW

1 kW = 1.11 kVA ; 1 kVA = .90 kW

D: Schedule Of Miscellaneous Charges

The Miscellaneous and General charges approved by the Commission are as below:

1.1. Application fee for new connection / reduction of load / enhancement of load / temporary or permanent disconnection / change of ownership / meter shifting, etc.:

Sl. No.	Category / class	Rate
(i)	BPL	Rs.50.00
(ii)	LT Single phase except BPL	Rs.100.00
(iii)	LT Three phase	Rs.250.00
(iv)	HT Connection	Rs.500.00
(v)	EHT Connection	Rs.1000.00

1.2. Inspection of consumer's Installation:

Sl. No.	Category / class	Rate
(i)	Initial Inspection	Free of cost
(ii)	Subsequent inspection necessitated by fault in installation	Rs. 50.00 for BPL Rs.100.00 for LT single phase connection except BPL Rs.250.00 for LT Three phase connection Rs.500.00 for HT connection Rs.1000.00 for EHT connection

Note: The aforesaid Inspection fee shall be refunded to the consumer, by adjustment in the subsequent bill, if the fault is found to be in the consumer's wiring.

1.3. Service Connection Charge:

Sl. No.	Category/class	Rate	
(i)	BPL Connections	Free	The licensee shall extend the distribution mains free of cost upto 30 meters with installation of poles/wires/ DP as per the requirement. Any extension beyond 30 meters is chargeable to consumers. However, if the extension of the distribution mains is done by the consumer on the licensee's direction then no service connection charge shall be payable by the consumer.
(ii)	LT Single Phase except BPL Connections	Rs. 250.00/kVA/ kW	
(iii)	All LT Three Phase Connections with sanctioned load 85 kW/ 100 kVA/ 114 HP (including EV with sanctioned load upto 150 kW/ 167 kVA)	Rs. 500.00/kVA/ kW	
(iv)	All HT Connections upto 167 kVA (150 kW) including EV Connections	Rs. 500.00/kVA	
(v)	HT Connections with load more than 167 kVA (150 kW)	Rs. 750.00/kVA	
(vi)	EHT Connections	Rs. 1000.00/kVA	

1.4. Meter Testing Fee:

The meter testing fee at the following rates shall be charged from the consumers disputing the meter accuracy:

Sl. No.	Category /Class	Rate
(i)	LT Single Phase meter	Rs. 100.00
(ii)	LT Three Phase whole current meter	Rs. 250.00
(iii)	Three Phase meter with CT set	Rs. 1000.00
(iv)	HT Tri-vector meter with 11/22/33 kV CTPT Unit	Rs. 5000.00
(v)	EHT Tri-vector meter with 110/132/220 kV CTPT Unit	Rs. 10000.00

However, if the meter is tested at third party testing laboratory at the request of the consumers, then the fees charged by the testing laboratory shall be payable by the consumer.

Note: The aforesaid meter testing fee shall be refunded to the consumer, by adjustment in the subsequent bill, if the meter, upon testing, is found to be defective / burnt due to reasons attributable to the Licensee.

1.5. Removing / Re-fixing of Meter at consumer's request:

Sl. No.	Category / class	Rate	Cost of material, as required, will be borne by the consumer as per the estimate.
(i)	Single Phase meter	Rs. 250.00	
(ii)	Three Phase meter	Rs. 500.00	
(iii)	Three Phase meter with CT	Rs. 1000.00	
(iv)	HT Tri-vector with CTPT Unit	Rs. 5000.00	
(v)	EHT Tri-vector with CTPT Unit	Rs. 10000.00	

1.6. Disconnection / Reconnection charge at consumer's request:

Sl. No.	Category/class	Rate
(i)	BPL	Rs. 50.00
(ii)	LT Single Phase supply	Rs. 100.00
(iii)	LT Three Phase supply	Rs. 250.00
(iv)	HT supply	Rs. 500.00
(v)	EHT supply	Rs. 1000.00

Note: If the supply is disconnected on consumer's default of payment or any other default, disconnection fee shall also be payable by such consumers along with reconnection fee at the time of reconnection.

1.7. Pole shifting charges at consumer's request:

The pole shifting charges shall be payable by the consumer based on cost estimate on case to case basis.

Chapter 8: Directives

Over the years, the Commission has issued various directives to the Petitioner for necessary action at its end. It has been observed that the Petitioner is not fully complying with many of the directives issued by the Commission. In order to strengthen the effective monitoring and ensure timely implementation of all the directives in true spirit, the Commission hereby directs that the Petitioner shall now compulsorily submit:

- The detailed action plan for compliance of all the directives within 1 month of the issuance of this Order.
- The quarterly progress report as per the detailed action plan for all the directives issued in the subsequent sections within 10 days of the end of each quarter of the calendar year.

Directives continued in this Order

While examining the compliance note and supporting documents submitted by the Petitioner in the present Petition, it is observed that some of the directives issued in the previous Tariff Orders have not been fully complied with by the Petitioner.

The Commission is of the view that substantial time has already been given to the utility for compliance with these directions. **Thus, the Commission hereby directs the utility to comply with the directions mentioned below in the given timeframe, failing which the Commission shall be constrained to initiate necessary action under Section 142 of the Electricity Act 2003 read with other provisions of the Act, and the Regulations made thereunder.**

1.1 Bill Payment

Originally issued in Tariff Order dated 4th June 2012

Commission's directive in Tariff Order dated 20th May 2019

The Commission appreciates the efforts taken by the Petitioner for implementation of the Web based billing / payment software. However, the Commission directs the Petitioner to expedite the process of initiation of bill payments through web services, which will not only ease out the problems faced by the consumers in bill payment, but also improve collection efficiency of the Petitioner. Accordingly, the Petitioner is directed to submit the quarterly report on the island wise status of the implementation of the web billing / payment software within 3 months of the completion of each quarter.

Commission's directive in Tariff Order dated 18th May 2020

The Commission directs the Petitioner to submit the status report within a month of issuance of this order.

Commission's directive in Tariff Order dated 31st May 2021

The Commission has noted the Petitioner's submission and directs the Petitioner to expedite the enablement of web billing payment for Nicobar Division as well and submit the progress report within 3 months of issuance of this order.

Commission's directive in Tariff Order dated 1st August 2022

The Commission directs the Petitioner to get the accounts audited for FY 2019-20 and file the true up Petition for the years within two months from the issuance of this Tariff Order. Further, the Commission directs the Petitioner to prepare the accounts for FY 2020-21 and FY 2021-22 and get the same audited to file the true up petitions along with the next tariff filing for FY 2024-25.

Commission's directive in Tariff Order dated 28th March 2023

The Commission has noted the Petitioner's submission and directs the Petitioner to submit the progress report within 3 months of issuance of this order.

Commission's directive in Tariff Order dated 13th June 2024

The Petitioner is directed to introduce a smooth and efficient operation of the web-based billing system. As the Petitioner mentioned that web-based billing system will be introduced in Nicobar division, the same should be available to other divisions gradually. Additionally, the Commission directs that the Petitioner to undertake measures to enhance public awareness regarding the web-based billing system and submit the details of efforts made for public awareness in the next tariff petition.

Petitioner's response in the present Tariff Petition

It is submitted that the web-based billing system has been implemented in all these islands except Chowra due to non-availability of internet connectivity. The department will implement web-based billing system immediately after internet connectivity in Chowra island.

Commission's Directive

The Commission has noted the submission of the Petitioner and directs the Petitioner to submit the progress report and the timeline of the implementation of the Web-based billing system, in the island of Chowra, within 60 days of the issuance of this order.

1.2 Energy Audit**Originally issued in Tariff Order dated 4th June 2012****Commission's directive in Tariff Order dated 28th March 2023**

The Commission has noted the Petitioner's submission and directs the Petitioner to submit the Progress report within three months from the issuance of this order. Further, the Petitioner is directed to submit the Energy Audit report along with the next tariff petition positively.

Commission's directive in Tariff Order dated 13th June 2024

The Commission has noted submission of the Petitioner regarding initiation of bidding process on the Gem Portal. The Petitioner is directed to submit the Energy Audit report for true-up period of FY 2022-23, FY 2023-24 along with filing of true-up petition.

Petitioner's response in the present Tariff Petition

Energy Auditing for FY 2022-23 to FY 2023-24 has been completed and submitted to BEE. The copy of Annual Energy Audit Report FY 2022-23 & 2023-24 submitted to BEE is enclosed as Exhibit A & B for kind perusal.

Moreover, accredited Empanelled Energy Auditor for FY 2024-25 has been appointed by the department for carrying out Energy Audit. The quarterly audit report has been submitted to BEE.

Commission's Directive

The Commission has noted the submission of the Petitioner and directs the Petitioner to expedite the submission of the reports to the Commission.

1.3 State Load Dispatch Centre

Originally issued in Tariff Order dated 26th February 2018

Commission's directive in Tariff Order dated 28th March 2023

The Commission has noted the Petitioner's submission and directs the Petitioner to expedite the work and complete the establishment of SLDC within six months and accordingly, submit the progress report every month from issuance of this order

Commission's directive in Tariff Order dated 13th June 2024

The Commission notes that the Petitioner has established Energy Management Centre (EMC) having SCADA, and Renewable Energy Forecasting system. The Progress regarding support from RLDC is noted by the Commission. The Petitioner has established decentralized energy projects in different islands which are meeting the Local demand of those islands. The separate SLDC is required to maintain the grid discipline of decentralized grid of each island. Hence, forecasting service from SLDC is very crucial. The Commission reiterates its decision to establish separate SLDC at the earliest. The Commission directs the Petitioner to initiate discussion with the Administration of UT of Andaman & Nicobar in this respect. The correspondence with the UT administration shall be submitted with next tariff Petition.

Petitioner's response in the present Tariff Petition

It is submitted that, unlike an interconnected grid in the mainland, the islands in entire Andaman & Nicobar operate as standalone on islanded mode with its own generation, and T&D System. There is presently no power interconnection between these island due to which the power cannot be transferred from one island to another.

The primary function of an SLDC-real-time monitoring, scheduling, and dispatch of electricity across an integrated grid is therefore not applicable in the same manner as in interconnected system at mainland. These activities are presently carried out at the respective sub-divisional control centers for each islands which act as operational dispatch points.

Further, the department respectfully acknowledges the importance of establishing an SLDC. However, considering the present operational scenario of isolated and standalone system and the pressing need to prioritize improvements in generation capacity and T&D infrastructure, it is humbly submitted that investment in an SLDC at this stage may not yield commensurate benefits. However, the Commission may advise the department further.

Commission's Directive

The Commission has noted the submission of the Petitioner. The Commission reiterates its decision to establish separate SLDC on priority basis.

1.4 T&D Losses

Originally issued in Tariff Order dated 26th February 2018

Commission's directive in Tariff Order dated 28th March 2023

Even though many efforts have been made by the Petitioner, the T&D loss is on the higher side as per the data. The Commission has noted the Petitioner's submission; however, the Petitioner is directed to make all out efforts such as identification of high loss areas, regular checking of connections, meter replacement in such areas etc. in order to bring the T&D losses in the range as approved by the

Commission and submit the status report on the initiatives taken to reduce T&D loss within three months from the date of issuance of this Order.

Commission's directive in Tariff Order dated 13th June 2024

The Commission noted the submission and directs the Petitioner to submit phase wise plan to implement different sub-schemes in the RDSS scheme.

Petitioner's response in the present Tariff Petition

The department has initiated action for reduction of T&D Loss under RDSS Scheme with a total project cost of Rs. 515.55 crore, which includes a government budgetary support of Rs. 428.03 crore and UT contribution of Rs. 87.52 crore. RDSS scheme covers smart metering and infrastructure works, with infrastructure initiatives focusing on loss reduction and the interconnection of North, Middle, and South Andaman Islands. Power grid has been assigned as Project Implementing Agency (PIA) for all the components of RDSS by Ministry of Power. The status of all three components are as below:

Smart Metering

- MoU Agreement of Smart Metering & PIA Agreement of Loss Reduction & Interconnection of Islands signed on **17.03.2025**.
- Tender floated by PESL for **Smart metering** on **10.06.2025**, Technical bid opened on **01.08.2025**. Five bidders participated. Bid is under technical evaluation by PESL.

Loss Reduction

- Tender floated by PESL for **Loss reduction** on **13.06.2025**
- Technical bid due date on **18.08.2025**. Six bidders have participated. Technical bid will be opened on **19.08.2025**.

Interconnection works

Detailed project report (DPR) is under preparation by PGCIL. PGCIL has given three options.

Option 1: Through land route

Option 2: Through land & Creek/Open sea

Option 3: Covering Max. open sea & Min. land area.-

The expected timeline is September 2027

Commission's Directive

The Commission has noted the submission of the Petitioner. The Petitioner is directed to submit the progress report on quarterly basis.

1.5 Approval for new Power Purchase Agreements

Originally issued in Tariff Order dated 31st May 2021

Commission's directive in Tariff Order dated 1st August 2022

The Commission was apprised that the Petitioner has signed the new Power Purchase Agreements (PPAs) to bridge the additional energy demand without taking the prior approval of the Commission. The Commission has allowed the power purchase cost in the APR on provisional basis and directs the Petitioner to get the PPAs approved on the priority basis of issuance of this order. Further, the Petitioner is directed to take the Commission's approval prior to signing any new PPA.

Commission's directive in Tariff Order dated 28th March 2023

The Commission has noted the Petitioner's submission and directs the Petitioner to comply with the Commission's directive.

Commission's directive in Tariff Order dated 13th June 2024

The Commission again directs the Petitioner to submit the requisite data. Regarding power purchase from various power plants, the Commission has allowed the power purchase cost in the APR and ARR on provisional basis and directs the Petitioner to get the PPAs approved on the priority basis. Further, the Petitioner is directed to take the Commission's approval prior to signing any new PPA, otherwise the power purchase cost from such sources shall be disallowed during truing-up process.

Petitioner's response in the present Tariff Petition

The direction of the Commission has been noted and accordingly all future Power Purchase Agreements is signed with the approval of the Commission.

Commission's Directive

The Commission has noted the submission of the Petitioner. Hence, the current directive is dropped.

1.6 Tariff Determination for own Renewable Generation

Originally issued in Tariff Order dated 31st May 2021

Commission's directive in Tariff Order dated 1st August 2022

The Commission directs the Petitioner to file a separate tariff determination petition for fully owned renewable generation within three months of issuance of this Order to get the fixed charges notified in order to bring transparency in the power procurement plan and accordingly.

Commission's directive in Tariff Order dated 28th March 2023

The Commission has noted the Petitioner's submission and directs the Petitioner to file a separate tariff determination petition for fully owned renewable generation within three months of issuance of this Order to get the fixed charges notified in order to bring transparency in the power procurement plan and accordingly.

Commission's directive in Tariff Order dated 13th June 2024

The Commission once again directs the Petitioner to file a separate tariff determination petition for fully owned renewable generation projects.

Petitioner's response in the present Tariff Petition

The reply in the matter submitted by NRSE Division is enclosed as Exhibit C.

Sl. No.	Projects	Status	Project Cost	Target Date
1	Setting up of 20.95 MW solar power projects at identified locations as a part of Renewable Energy plan under the scheme 'Greening of Islands' (Phase-I)	<ul style="list-style-type: none"> RFS & PPA was approved by the HLG. The approved RFS & PPA was shared with MNRE & SECI. Later on MHA has directed the UT Administration process the tender directly instead of appointing SECI as bid process manager. RFS & PPA is submitted to CEA for technical vetting and approval after certain modifications. 	256 Crores	May 2027

2	Setting up of 102 MW solar power projects at Mithakhari, Stewart Gunj and Shaheed Dweep under the scheme 'Greening of Islands' (Phase-I)	<ul style="list-style-type: none"> • SECI suggested ED-A&N to directly coordinate with CSIR-NIO, Goa for the finalization of CRZ study reports for the three identified projects. • 70% payment has been made to SECI • 30% payment shall be made directly to NIO, Goa • Final report is to be submitted in Parivesh Portal for CRZ clearance. • Then Tender is to be prepared and vetted. 	1.15 Cr + GST for EIA studies	April 2028
3	Implementation of 30 MW Rooftop Solar Projects in Govt. buildings of A&N Islands	<ul style="list-style-type: none"> • RFS & PPA was modified on SECI's concern over the clauses of tender. • MNRE issued OM dt. 12.03.2025 for consideration of CFA admissible under the RESCO/ULA mode of PM Surya Ghar: Muft Bijli Yojana. • Later on MHA has directed the UT Administration process the tender directly instead of appointing SECI as bid process manager. • RFS & PPA is submitted to CEA for technical vetting and approval after certain modifications. 	176 Crores	December 2026
4	Implementation of 3.45 MW Grid Connected Roof Top Solar Power Project at Govt. buildings in CAPEX Mode through NVVN (NTPC)	<ul style="list-style-type: none"> • MNRE designated NTPC as the implementing agency for providing handholding support and other necessary assistance. • HLG has approved the Tender Document and the same was conveyed to NVVN. • Tender have been floated on 22.05.2025. • Bid Opening Date is 04.07.2025. 	45.61 Cr.+ GST	December 2026
5	PM Surya Ghar: Muft Bijli Yojna	<ul style="list-style-type: none"> • To solarise 5100 households in A&N Islands. • As on date 46 Nos. installations have been completed with total capacity of 157.37 KW. 	-	March 2027
6	Grid Connected Rooftop Solar Project on 181 Govt. Buildings (2MW)	<ul style="list-style-type: none"> • As on date RTS project on 64 buildings have been commissioned. • 144 buildings will be completed by Sept 2025 (upto ~ 1.7 MW), rest 37 buildings will be done through NVVN. 	-	September 2025
7	Wind Resource Assessment (WRA) studies, 100m mast installed at three location viz (Sigmundera, Bharatpur, Manglutan)	<ul style="list-style-type: none"> • Commissioned in March-April 2024. • Feasibility report from NIWE is awaited. • EoI is under vetting for empanelment of Engineering Procurement & Construction (EPC) Vendors for Potential Study, design, supply, installation, testing, commissioning or development of micro wind project at various locations of Andaman & Nicobar Islands. 	-	Subject to feasibility

Commission`s Directive

The Commission has noted the submission of the Petitioner. The current directive is dropped.

1.7 Submission of slab wise category wise data

Originally issued in Tariff Order dated 1st August 2022

Commission's directive in Tariff Order dated 1st August 2022

The Commission directs the Petitioner to submit the historical category wise slab wise sales, number of consumers and connected load with adjustments pertaining to the shifting of hotel industry consumers between the Industrial and Commercial Category within 3 months from the issuance of this Order.

Commission's directive in Tariff Order dated 28th March 2023

The Commission has noted the submission of the Petitioner and directs the Petitioner to submit the historical category wise slab wise sales, number of consumers and connected load with adjustments pertaining to the shifting of hotel industry consumers between the Industrial and Commercial Category within 3 months from the issuance of this Order.

Commission's directive in Tariff Order dated 13th June 2024

The Petitioner has only submitted the category wise information, and not the slab-wise information in reply to deficiency note. The Commission directs the Petitioner to submit the historical slab wise sales, category wise, number of consumers and connected load with adjustments pertaining to the shifting of hotel industry consumers between the Industrial and Commercial Category within 3 months from the issuance of this order.

Petitioner's response in the present Tariff Petition

The information submitted by the Petitioner is attached as Annexure-II

Commission's Directive

The Commission has noted the submission of the Petitioner and finds that the Petitioner has not submitted the desired information of historical slab wise sales, category wise, number of consumers and connected load with adjustments pertaining to the shifting of hotel industry consumers between the Industrial and Commercial Category. The Commission reiterates its direction to submit the same.

1.8 Consumption data for own DG sets

Originally issued in Tariff Order dated 1st August 2022

Commission's directive in Tariff Order dated 1st August 2022

The Petitioner is directed to submit the DG set wise monthly HSD and Lube oil consumption along with generation data for the DG sets owned and managed by the Department at the time of filing of next tariff petition.

Commission's directive in Tariff Order dated 28th March 2023

The details have not been submitted by the Petitioner and directs the Petitioner to submit the DG set wise monthly HSD and Lube oil consumption along with generation data for the DG sets owned and managed by the Department at the time of filing of next tariff petition.

Commission's directive in Tariff Order dated 13th June 2024

The Petitioner has not submitted actual Fuel Consumption data for own DG set (along with the supporting documents like copy of stock register). The petitioner is directed to maintain the record for Plant wise fuel consumption and submit a quarterly report with supporting documents.

Petitioner's response in the present Tariff Petition

The information submitted by the Petitioner is attached as Annexure-III.

Commission`s Directive

The Commission has noted the submission of the Petitioner. Hence, the directive is dropped.

1.9 Promotion of renewable energy across Andaman & Nicobar Islands

Originally issued in Tariff Order dated 1st August 2022**Commission's directive in Tariff Order dated 1st August 2022**

The Petitioner is directed to comply with RPO and prepare the action plan to meet the shortfall in RPO till FY 2022-23 and submit the same along with next tariff petition. The Petitioner may start by installing the solar PVs on the Government Buildings to promote its installation across the islands which will also bring down their power purchase cost.

Commission's directive in Tariff Order dated 28th March 2023

The Commission has noted the of the submission Petitioner and observed that the Petitioner has not been able to achieve its RPO compliance from last few years. The Petitioner is directed to comply with RPO and prepare the action plan to meet the shortfall in RPO till FY 2023-34 and submit the same along with next tariff petition.

Commission's directive in Tariff Order dated 13th June 2024

The Petitioner is directed to comply with updated RPO targets for FY 2024-25 (as mentioned in Chapter-5) and prepare the action plan to meet the shortfall in RPO for FY 2024-25 and submit the same along with next tariff petition. The Petitioner may explore the possibility of establishing renewable energy projects with suitable storage to meet the local demand. The necessary preliminary assessment of resources to meet the local demand shall be initiated by the Petitioner.

Petitioner's response in the present Tariff Petition

The reply in the matter submitted by NRSE Division is enclosed As Exhibit C.

Sl. No.	Projects	Status	Project Cost	Target Date
1	Setting up of 20.95 MW solar power projects at identified locations as a part of Renewable Energy plan under the scheme 'Greening of Islands' (Phase-I)	<ul style="list-style-type: none"> • RFS & PPA was approved by the HLG. • The approved RFS & PPA was shared with MNRE & SECI. • Later on MHA has directed the UT Administration process the tender directly instead of appointing SECI as bid process manager. • RFS & PPA is submitted to CEA for technical vetting and approval after certain modifications. 	256 Crores	May 2027

2	Setting up of 102 MW solar power projects at Mithakhari, Stewart Gunj and Shaheed Dweep under the scheme 'Greening of Islands' (Phase-I)	<ul style="list-style-type: none"> • SECI suggested ED-A&N to directly coordinate with CSIR-NIO, Goa for the finalization of CRZ study reports for the three identified projects. • 70% payment has been made to SECI • 30% payment shall be made directly to NIO, Goa • Final report is to be submitted in Parivesh Portal for CRZ clearance. • Then Tender is to be prepared and vetted. 	1.15 Cr + GST for EIA studies	April 2028
3	Implementation of 30 MW Rooftop Solar Projects in Govt. buildings of A&N Islands	<ul style="list-style-type: none"> • RFS & PPA was modified on SECI's concern over the clauses of tender. • MNRE issued OM dt. 12.03.2025 for consideration of CFA admissible under the RESCO/ULA mode of PM Surya Ghar: Muft Bijli Yojana. • Later on MHA has directed the UT Administration process the tender directly instead of appointing SECI as bid process manager. • RFS & PPA is submitted to CEA for technical vetting and approval after certain modifications. 	176 Crores	December 2026
4	Implementation of 3.45 MW Grid Connected Roof Top Solar Power Project at Govt. buildings in CAPEX Mode through NVVN (NTPC)	<ul style="list-style-type: none"> • MNRE designated NTPC as the implementing agency for providing handholding support and other necessary assistance. • HLG has approved the Tender Document and the same was conveyed to NVVN. • Tender have been floated on 22.05.2025. • Bid Opening Date is 04.07.2025. 	45.61 Cr.+ GST	December 2026
5	PM Surya Ghar: Muft Bijli Yojna	<ul style="list-style-type: none"> • To solarise 5100 households in A&N Islands. • As on date 46 Nos. installations have been completed with total capacity of 157.37 KW. 	-	March 2027
6	Grid Connected Rooftop Solar Project on 181 Govt. Buildings (2MW)	<ul style="list-style-type: none"> • As on date RTS project on 64 buildings have been commissioned. • 144 buildings will be completed by Sept 2025 (upto ~ 1.7 MW), rest 37 buildings will be done through NVVN. 	-	September 2025
7	Wind Resource Assessment (WRA) studies, 100m mast installed at three location viz (Sigmundera, Bharatpur, Manglutan)	<ul style="list-style-type: none"> • Commissioned in March-April 2024. • Feasibility report from NIWE is awaited. • EoI is under vetting for empanelment of Engineering Procurement & Construction (EPC) Vendors for Potential Study, design, supply, installation, testing, commissioning or development of micro wind project at various locations of Andaman & Nicobar Islands. 	-	Subject to feasibility

Commission`s Directive

The Commission expresses its deep disappointment on the progress of the RE installation in the islands. The Commission directs the Petitioner to expediate the implementation of RE projects on top most priority.

1.10 kVAh based tariff**Originally issued in Tariff Order dated 28th March 2022****Commission`s directive in Tariff Order dated 28th March 2023**

The Petitioner is directed to submit a proposal for implementation of kVA/kVAh tariff for HT consumers in the tariff petition for the next year. The Petitioner is also required to submit whether it possesses the requisite infrastructure to implement the same. The Commission in its efforts of making the tariff more cost reflective is looking to implement kVA/kVAh based tariff for HT consumers for all the utilities under its jurisdiction.

Commission`s directive in Tariff Order dated 13th June 2024

The Petitioner is directed to submit a copy of aforesaid assessment report and to ensure that infrastructure is ready for kVAh billing before proposing the kVAh based billing for FY 2025-26.

Petitioner`s response in the present Tariff Petition

With due respect to the directive of the Commission regarding implementation of kVAh based tariff for HT consumers, it is submitted that, at present, the Department does not possess the requisite metering infrastructure to implement kVAh based tariff. The existing system is limited to kWh-based measurement and billing. However, the Department is committed to complying with the Commission`s direction and has initiated steps in procurement and installation of Smart meters and shall be implemented after completion of Smart metering project under RDSS.

Commission`s Directive

The Commission has noted the submission of the Petitioner. The Petitioner has to submit the detailed Plan and Status report within 90 days of the issuance of this order.

New Directives in this Order

1.11 Removal of Unserviceable assets from the GFA

Commission`s Directive

The Petitioner is directed to remove the historical/original cost of unserviceable assets from GFA in view of the fact that any asset not being put to use cannot qualify for allowance of RoE, interest on loan, depreciation, etc. on such unserviceable assets.

1.12 Filing of True-up

Commission`s Directive

The Commission directs the Petitioner to file the petition for the True-up of the previous years FY 2022-23 to FY 2024-25 at the earliest.

Annexures

Annexure I: List of Stakeholders who attended the public hearing on 13th August 2025

Table 124: List of Stakeholders

List of stakeholders attended public hearing at Sri Vijaya Puram	
S. No.	Name of Person (Mr./Ms)
1.	M.A. Sajid
2.	Mohammed Zubair
3.	Abdul Siduqe
4.	Altamash Mustafa
5.	Mohammed Jadwet
6.	Chandra Shekhar
7.	Mada Lal
8.	Rajesh Anand
9.	Dewakar
10.	S. N. Upadhaya
11.	Simsom
12.	Dheeraj Singh
13.	Jagjivan Lal
14.	Arvind Rai Sharma
15.	Rashmi
16.	Shamal Choudary
17.	Dakshin bhaskar
18.	G. Bhaskar
19.	Sourav Nair
20.	Abdul Nasir
21.	S.R. Sharma
22.	Ebrahim Jadwet
23.	Ramajayam
24.	Aniar Sarkar
25.	Murgan
26.	Dakshin B.
27.	T.S.G. Bhaskar
28.	Abdul Gaffur
29.	Sri Nivasan
30.	G. Venket Rao
31.	K. Hamza
32.	Sanjay Meshak
33.	Terence D. Cruz
34.	Ramesh Kr. Choubey
35.	Ranglall Halder
36.	Mohd. Rafi
37.	K P Usman
38.	Dinesh Yadav
39.	Akshay Kr.
40.	A Ummer
41.	O Bashir
42.	S. Tejeswara Rao
43.	P. Hamza
44.	Rakesh Mara

List of stakeholders attended public hearing at Sri Vijaya Puram	
S. No.	Name of Person (Mr./Ms)
45.	Dinesh Singh
46.	Santosh
47.	Vinay
48.	Raja
49.	Ankit Tripathi
50.	G. Siva Kumar
51.	Abdul Siddique
52.	Mohammed Zubair
53.	Mdaiseelan
54.	Niranjan Mistry
55.	M.K. Nasheef
56.	Shafiq
57.	Abdul Kasim
List of stakeholders attended public hearing at Nicobar	
58.	Martin Luthar
List of stakeholders attended public hearing at Diglipur	
59.	
List of stakeholders attended public hearing at Rangat	
60.	Pradhan Rangat
61.	Vishnu P. Mondal
List of stakeholders attended public hearing at Swaraj Dweep	
62.	Pradhan Shyamnyar
63.	Amit Kr. Mondal

Annexure II: Category wise Sales, Category wise consumer and connected load for last 5 years.

A) Sales

(MkWh)

S.No.	Category	2020-21	2021-22	2022-23	2023-24	2024-25
		Actual	Actual	Actual	Actual	Actual
1	Domestic	148060130	155953146	159193368	168190942	172108587
2	Non Residential	49210620	59035160	63982790	60339143	64985738
3	Industrial	9164736	11172089	12328771	11021914	12345544
4	Public Lighting	6488527	5464377	5048338	4856463	4917295
5	Agricultural	1112689	1410848	1509966	1718307	1630415
6	Temporary connection	900575	1077936	1231056	1011287	915932
7	General Purpose	686123	817339	1034646	3012677	1062180
8	Bulk Supply	29503155	29271232	26467629	27958279	32170619
9	Electric Vehicle		1473000	2408407	3381654	2680433
10	Hotel			10397657	18049655	21722615
11	Bed and Break Fast	0	0	0	0	185361
12	Other Categories (Details are to be given for each category separately)					
	Grand Total	245126555	265675127	283602628	299540321	314724719

B) Number of Consumers

S.No.	Category	2020-21	2021-22	2022-23	2023-24	2024-25
		Actual	Actual	Actual	Actual	Actual
1	Domestic	118628	122594	125105	129697	132040
2	Non Residential	19578	20032	20493	20952	21573
3	Industrial	468	440	425	429	403
4	Public Lighting	807	748	751	777	770
5	Agricultural	481	544	612	659	729
6	Temporary connection	904	946	958	942	847
7	General Purpose	802	796	803	798	784
8	Bulk Supply	70	69	69	70	70
9	Electric Vehicle		2	5	5	5
10	Hotel			400	403	401
11	Bed & Break Fast					57
12	Other Categories (Details are to be given for each category separately)					
	Grand Total	141738	146171	149621	154732	157679

Category wise Connected Load

		2020-21	2021-22	2022-23	2023-24	2024-25
		Actual	Actual	Actual	Actual	Actual
1	Domestic	198599	204793.19	222540.339	240142.599	253939.086
2	Non Residential	85001	86962.029	83762.075	91716.561	98500.923
3	Industrial	14522	13825.789	13859.943	13754.388	13857.272
4	Public Lighting	3066	2845.301	2856.397	2880.142	2995.063
5	Agricultural Pumpsets	1267	1271.095	1395.621	1529.315	1694.889
6	Temporary connection	2345	2519.293	2845.812	2317.738	2258.532
7	General Purpose	1283	1148.013	1306.784	1360.259	1468.398
8	Bulk Supply	15239	17001.988	16518.8	20465.4	20690.688
9	Hotel	0	0	21404.685	21548.799	22443.731
10	Electric Vehicle	0	800	1776	1796	2794.4
11	Bed & Breakfast	0		0	0	1311.554
	Grand Total	321322	331166.698	368266.456	397511.201	421954.536

***Annexure III: Actual Fuel Consumption data for own DG set
for FY 2024-25***

31	Hitoi Power House	Govt	1000	1020	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	12020
32	Afrabay Power House	Govt	990	1023	990	1023	1023	990	1023	990	1023	891	1000	1023	11989
33	Pillolow Power House	Govt	600	620	600	620	620	600	292	0	420	560	600	620	6152
34	Pilowbha Power House	Govt	416	496	272	620	620	600	682	660	682	682	600	682	7012
35	Pilow Panja Power House	Govt	256	496	480	496	496	430	620	616	620	620	600	680	6410
36	Macachuwa Power House	Govt	960	992	960	992	992	960	992	960	992	992	1000	992	11784
37	Bangoan	Govt	407	365	423	70	346	246	196	308	230	248	240	200	3279
	TOTAL		2345788	2450087	1965912	1996655	2031673	2085815	2199777	2269638	2398085	2218198	2078000	2639539	26679167

DETAILS OF LUB OIL CONSUMPTION (Lrs.) DATA - 2024-25

S.No.	Name of the Power House		April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan	Feb.	March	Total
1	Chatham	Govt.	60	353	72	59	66	346	72	65	169	45	25	57	1389
2	Phonix Bay	Govt.	645	855	665	820	930	910	1210		615	760	390	1115	8915
3	Raj Niwas	Govt.	55	103	2	103	9	103	12	56	54	57	58	12	624
4	Rut Island	Govt.	14	4	4	12	3	3	7	10	8	12	12	10	99
5	Court Power House	Govt.	2	2	0	40	2	1	1	1	2				51
6	NSCB Island	Govt.	3	4	3	3	3	22	39	3	3	6	9	5	103
7	Swaraj Dweep (Govt.)	Govt.	1175	1740	990	1165	1140	1515	1690	1790	1410	1865	1485	1708	17673
8	Dugong Creek	Govt.	15	29	7	14	46	9	10	39	7	10	39	42	267
9	N P H Hutbay	Govt.	790	930	939	1085	744	749	745	785	805	825	730	413	9540
10	Strait Island	Govt.	28	12	14	24	22	22	38	19	26		30	30	265
11	Rangat Bay	Govt.	1215	955	1140	1280	1140	790	1290	1380	1180	765	790	720	12645
12	Long Island	Govt.	105	77	64	72	71.5	130	126.5	158	74	103	123	124	1228
13	Hunspuri	Govt.	10	2	2	2	2	1	0	10	0	0	0	0	29
14	Sita Nagar	Govt.	1385	1735	560	425	215	365	260	960	865	935	730	1670	10105
15	KHEP (Kaipong)	Govt.	3	1	0	0	3	10	0	3	10	0	9	0	39
16	Car Nicobar (Kinyuka)	Govt.	230	1100	765	50	36	0	50	75	978.82	0	0	0	3284.82
17	Kamorta	Govt.	416	168	213	150	200	201	300	200	210	222	273	227	2780
18	Champion	Govt.	6	40	37	45	41	15	35	5	32	45	75	55	431
19	Katchal	Govt.	90	89	95	90	95	96	57	102	102	95	96	104	1111
20	Chowra	Govt.	44	27	26	44	0	0	20	40	32	41	66	69	409
21	Teressa	Govt.	67	119	115	67	164	58	109	60	108	63	113	60	1103
22	Campbell Bay	Govt.	375	360	565	360	587	360	180	540	385	340	5	360	4417
23	Bunder Khari Power House	Govt.	0	5	0	0	0	0	0	0	0	0	0	0	5
24	Derring Power House	Govt.	8	8	0	0	0	0	0	0	0	0	0	0	16
25	Alukheak Power House	Govt.	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Changua Power House	Govt.	5	0	0	0	0	0	5	0	0	0	0	0	10
27	Munak Power House	Govt.	12	7	0	0	0	0	20	0	0	5	5	5	54
28	Hitoi Power House	Govt.	0	4	0	0	0	0	0	0	0	0	0	0	4
29	Afrabay Power House	Govt.	0	10	10	10	10	10	10	10	10	10	0	0	90
30	Pillolow Power House	Govt.	5	5	5	5	5	5	5	0	0	5	0	0	40
31	Pilowbha Power House	Govt.	0	0	0	0	0	0	0	5	8	0	0	0	13
32	Pilow Panja Power House	Govt.	0	0	0	0	0	0	0	5	7	5	0	0	17
33	Macachuwa Power House	Govt.	10	10	10	10	15	5	15	5	15	5	0	0	100
34	Bangoan	Govt.	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL		6773	8754	6303	5935	5549.5	5726	6306.5	6326	7115.82	6219	5063	6786	76856.82