



ORDER

For

**Approval of Business Plan for Multi Year Control Period
from FY 2025-26 to FY 2029-30**

For

State Transmission Utility, Chandigarh

Petition No. 182/2026

22nd September, 2026

JOINT ELECTRICITY REGULATORY COMMISSION

For the State of Goa and Union Territories,

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List of abbreviations

ACRONYM	DEFINITION
A&G Expenses	Administrative & General Expenses
CEA	Central Electricity Authority
CERC	Central Electricity Regulatory Commission
Ckt. Km / Ckm	Circuit Kilometres
EA 2003	Electricity Act 2003
EWEDC	Electricity Wing of Engineering Department Chandigarh
G, T and D	Generation, Transmission and Distribution
GFA	Gross Fixed Assets
GoI	Government of India
IPPs	Independent Power Producers
JERC	Joint Electricity Regulatory Commission
MU	Million Units
MYT	Multi-Year Tariff
O&M	Operations and Maintenance
PGCIL	Power Grid Corporation of India Limited
R&M Expenses	Repair & Maintenance Expenses
RoE	Return on Equity
T&D	Transmission and Distribution
S/S	Sub Station
STU	State Transmission Utility

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

QUORUM

Shri Alok Tandon, Chairperson

Petition No. 182/2026

Date of Order: 22nd September, 2026

In the matter of

Filing of Business Plan of STU for MYT Control Period FY 2025-26 to FY 2029-30 under Section 61, 62 and 64 of the Electricity Act, 2003.

And in the matter of

State Transmission Utility, Chandigarh

.....**Petitioner**

ORDER

1. This Order is passed in respect of Petition filed by the State Transmission Utility, Chandigarh (herein after referred to as "The Petitioner" or "STU" or "The Licensee") for approval of Business Plan Order for the Multi Year 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 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 Regulations 8.1 and 17 of the aforesaid Regulations, the Petitioner has filed a Petition for approval of its Business Plan for the five years Control Period i.e., from FY 2025-26 to FY 2029-30 with details for each year of the Control Period before the Commission.
4. The Commission scrutinized the said Petition and generally found it in order. The Commission admitted the Petition on 14th May, 2026. The Commission thereafter requisitioned further informations/ clarifications on the data gaps observed to take a prudent view of the said Petition. Further, suggestions/comments were invited from the public/stakeholders. The Public Hearing was held on 26th May 2026 via virtual mode,



22/09/26



to enable the stakeholders to raise issues, if any, related to the Petition filed by the Petitioner.

5. The Commission, based on the Petitioner's submission, relevant JERC (MYT Tariff) Regulations, 2024, facts of the matter and after proper due diligence has approved the Business Plan Order for the Control Period from FY 2025-26 to FY 2029-30 which covers the capital investment plan, Capitalization, Manpower and performance parameters targets etc.
6. A Summary has been provided for the Revised Capital Expenditure as submitted by the Petitioner and approved by the Commission for control period from FY 2025- 26 to FY 2029-30 shown in the following table:

Table 1: Summary of Capex and Capitalization plan

(Rs. Cr.)

S r. N o.	Particulars	FY 2025-26		FY 2026-27		FY 2027-28		FY 2028-29		FY 2029-30	
		Petitioner revised submission	Approved by Commission	Petitioner revised submission	Approved by Commission	Petitioner revised submission	Approved by Commission	Petitioner revised submission	Approved by Commission	Petitioner revised submission	Approved by Commission
1	Capital Expenditure	0.33	0.00	28.13	27.78	51.38	51.01	117.21	116.82	25.83	25.43
2	Capitalization	0.00	0.00	0.00	0.00	10.00	10.00	70.00	70.00	89.50	89.50

7. Ordered accordingly. The attached documents giving detailed reasons, grounds and conditions are integral part of this Order.

Sd/-
(Alok Tandon)
Chairperson

Certified Copy

(Rajesh Dangi)
Secretary I/c



Place: Gurugram, Haryana
Date: 22nd September, 2026

Chapter 1: Introduction

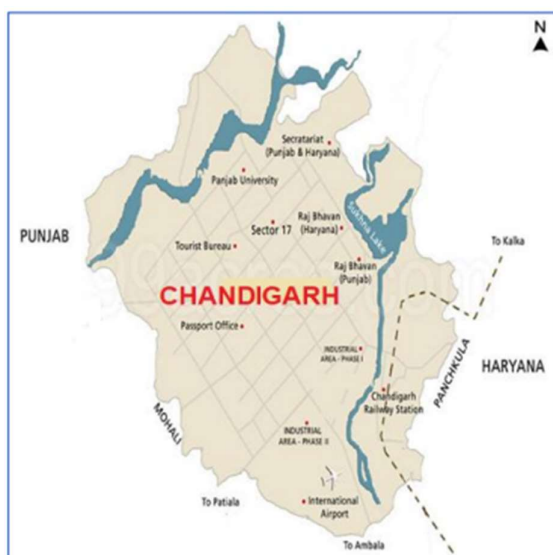
1.1 About Joint Electricity Regulatory Commission for the State of Goa and UT's (JERC)

In exercise of powers conferred by the Electricity Act 2003, the Central Government constituted the Joint Electricity Regulatory Commission for all the Union Territories except Delhi to be known as “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 “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 Union Territories of Andaman & Nicobar Islands, Lakshadweep, Chandigarh, Daman & Diu, Dadra & Nagar Haveli and Puducherry, consisting of generation, transmission, distribution, trading and use of electricity etc. Its primary objective includes taking measures conducive to the development of the electricity industry, promoting competition therein, protecting the interests of consumers and ensuring supply of electricity to all areas.

1.2 About Chandigarh

Chandigarh is a city, district and union territory in India that serves as the capital of the two neighboring states of Punjab and Haryana. It is bordered by the state of Punjab to the north, the west and the south, and by the state of Haryana to the east. The city is unique as it is not a part of either of the two states but is governed directly by the Union Government, which administers all such territories in the country. Chandigarh is located near the foothills of the Shivalik range of the Himalayas in northwest India. It covers an area of approximately 114 sq km. The metropolitan area of Chandigarh-Mohali-Panchkula collectively forms a Tri-city, with a combined population of over 2 million. Chandigarh has been rated as one of the "Wealthiest Towns" of India. The city has one of the highest per capita incomes in the country. The city was reported to be one of the cleanest in India based on a national government study. The union territory also heads the list of Indian states and



territories according to Human Development Index. In 2020, a survey ranked it among the top 3 happiest cities in India over the happiness index.

1.3 About State Transmission Utility, Chandigarh

In exercise of the Power conferred by Sub-section (1) of Section 39 of the Electricity Act, 2003 (No. 36 of 2003) as amended from time to time read with Government of India, Ministry of Home affairs, New Delhi Notification bearing No- S.O. 721(E) dated 22nd June, 2004, the Administrator, Union Territory of Chandigarh has notified **“The State Transmission Utility”** within the Union Territory of Chandigarh vide Notification No-124 dt-31st January, 2025. The STU will handle all the functions within the Union Territory of Chandigarh as defined in the Electricity Act., 2003 and deemed Transmission Licensee carrying out Transmission Work. The Transmission License fee is deposited regularly with JERC.

1.4 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 15 October, 2024. The said Regulations have been hereinafter referred to as the " MYT Regulations". As per Clause 2.1.22 of these Regulations, the "Control Period" is defined as the multi-year period comprising of five financial years from FY 2025-26 to FY 2029-30.

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.

STU's tariff determination is now governed by MYT Regulations. The MYT Regulations, 2024 provide a framework for determining tariffs on a cost-plus basis initially for a period of five years and allow the licensee to recover operational expenses including depreciation, interest on working capital debt and return on equity amongst others. The MYT Regulations, 2024 segregate the items impacting tariffs into controllable and uncontrollable factors. Items that are uncontrollable are passed through to the consumers. Further, the MYT Regulations, 2024 identifies the uncontrollable and controllable parameters as follows:

1.4.1 Uncontrollable Parameters include

1. Force Majeure events;
2. Change in Law, judicial pronouncements and Orders of the Central Government, State Government or Commission;
3. Inter-state Transmission loss;
4. Inflation;
5. Variation in market interest rates for long-term loans;

6. Employee expenses limited to one-time payment owing requirements of a pay commission and terminal liability of employees;
7. Taxes and Statutory levies;
8. Taxes on income;
9. Income from the realization of bad debts written off;

1.4.2 Controllable Parameters include

- 1 Variations in capitalization 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;
- 2 Variation in Interest and Finance Charges, Return on Equity and Depreciation on account of variation in capitalization, as specified in clause (a) above;
- 3 Intrastate transmission loss for transmission licensees;
- 4 Availability of transmission system;
- 5 Variations in performance parameters;
- 6 Variations in labour productivity;
- 7 Variation in O&M Expenses, except to the extent of inflation;
- 8 Bad debts written off.

1.5 Filing and Admission of the Present Petition

As per Clause 8.1 of the JERC MYT Regulations, the Petitioner is required to file Business Plan Petition for the five year Control Period from FY 2025-26 to FY 2029-30 with details for each year of the Control Period for approval of the Commission.

The STU Chandigarh submitted the current Petition for approval of 'Business Plan for MYT Control Period FY 2025-26 to FY 2029-30 on 08th April 2026. After initial scrutiny/analysis, the Petition on Business Plan for the Control Period from FY 2025-26 to FY 2029-30 was admitted on 14th May 2026 and was marked as Petition no. 182/2026.

1.6 Interaction with the Petitioner

A preliminary scrutiny/analysis of the Petition was conducted, and certain deficiencies were observed. Accordingly, additional informations/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 capital expenditure and capitalization, funding Plan, capacity additions etc.

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

Table 2: Timelines of the interaction with the Petitioner

S. No	Subject	Date
1	Issue of 1 st Deficiency Note	03 rd July 2026

2	Reply received from Petitioner	19 th August 2026
3	Public Hearing	26 th May 2026

1.7 Notice for Public Hearing

Public notices were published by the Petitioner for inviting suggestions/ comments from Stakeholders on the True-Up Petition as per details given below:

Table 3: Details of 1st Public Notices published by the Petitioner

S. No.	Date	Name of Newspaper	Language	Place of Circulation
1	16 th May 2026	The Tribune	English	Chandigarh
2		Dainik Bhaskar	Hindi	Chandigarh
3		Ajit	Punjabi	Chandigarh

The Commission also published Public Notices in the leading newspapers as tabled below, giving due intimation to the Stakeholders, consumers and the public at large about the Public Hearings conducted by the Commission.

Table 4: Details of 1st Public Notices published by the Commission

S. No.	Date	Name of Newspaper	Language	Place of Circulation
1.	15 th May 2026	The Times of India	English	Chandigarh
2.		The Hindustan Times	English	Chandigarh
3.		Amar Ujala	Hindi	Chandigarh
3.		Rozana Spokesman	Punjabi	Chandigarh

Table 5: Details of 2nd Public Notices published by the Commission

S. No.	Date	Name of Newspaper	Language	Place of Circulation
1.	24 th May 2026	The Times of India	English	Chandigarh
2.		Rozana Spokesman	Punjabi	Chandigarh

1.8 Public Hearing

A Virtual Public Hearing was held on 26th May 2026 to discuss 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 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 Views

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 also publish the same in the newspapers duly inviting comments/ objections from the public as per the provisions of the MYT Regulations, 2021.

The Virtual Public Hearing was held on 26th May 2026 to discuss 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 examined by the Commission. The names of the stakeholders who attended the Public Hearing are provided in Annexure-I.

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

The Commission is appreciative of the efforts of various stakeholders in providing their suggestions/comments/ observations to make the process responsive and efficient. The relevant observations of the stakeholders have been suitably considered by the Commission while finalizing this Order. However, in some cases due to overlapping of the queries, same have been combined to minimize repetition. While the Commission has summarized the objections/comments briefly, specific findings have not been made in all the cases as were found to be outside the scope of process related to business plan. The submissions of the stakeholders, response of the Petitioner and views of the Commission are summarized below:

2.2.1 Ownership of Transmission Assets.

Stakeholder's Comment

The Stakeholder has highlighted that the Petition does not disclose the ownership of transmission assets, EHT assets vest with STU and proposed future assets with STU or CPDL. The Stakeholder has further submitted that, such disclosure is fundamental for consideration of any Business Plan or Capital Expenditure Plan. In absence of that the petition is incomplete and liable to be deferred till complete facts are placed before the Hon'ble Commission.

Petitioner's Response

The Petitioner has submitted that the objection is untenable. The ownership vesting and transfer of transmission assets are governed by the Electricity Act, 2003 and notified Transfer Scheme. The STU discharges its statutory functions under Sections 39 and 40 of the Electricity Act, 2003 and has submitted the present Business Plan and Capital Expenditure proposals as per provisions of the JERC MYT Regulation, 2024. The Petition pertains to transmission schemes proposed to be undertaken by the STU in discharge of its statutory

responsibilities. Questions regarding asset vesting or transfer are matters of the applicable legal framework and do not render the Petition incomplete.

Commission's View

The Commission has noted the submission of the Stakeholder and reply of the Petitioner and clarifies that the ownership of the transmission assets as on the record date is as per the Transfer Scheme.

2.2.2 Consumer Interest.

Stakeholder's Comment

The Stakeholder stated that the approval of capital expenditure without determining the ownership, necessity, operational jurisdiction and assets utilization may impose avoidable tariff burden upon consumer of Chandigarh.

Petitioner's Response

The Petitioner submitted that consumer interest must be safeguarded. However, the proposed CAPEX has been submitted only after assessment of system requirements and in discharge of the statutory responsibilities of the STU under the Electricity Act, 2003. The proposed works are intended to strengthen the transmission system, improve reliability and meet future demand in an efficient manner. Therefore, the apprehension that the proposed CAPEX would impose an avoidable tariff burden on consumers is unfounded. The prudence check by the Hon'ble Commission itself provides adequate protection to consumer interests.

Commission's View

The Commission has noted the submission of the Stakeholder and reply of the Petitioner.

2.2.3 Possibility of duplication of expenditure.

Stakeholder's Comment

The Stakeholder stated that the CPDL already operates and maintains EHT network simultaneously STU seeks separate capital expenditure. There exists serious possibility of duplication of expenditure, overlapping recovery and inefficient utilization of public resources.

Petitioner's Response

The Petitioner submitted that the schemes proposed by STU are not intended to create parallel infrastructure but to develop an efficient, reliable and integrated transmission network in accordance with its statutory mandate under Section 39 of the Electricity Act, 2003 and do not involve duplication of works/expenditure undertaken by CPDL. Section 39 & 42 of the EA, 2003 assigns distinct responsibilities to STU & Distribution Licensee respectively. The functions and expenditure of STU and CPDL relate to distinct regulatory entities and are examined separately by the Hon'ble Commission. Any possibility of overlapping recovery is addressed through the prudence check undertaken during the approval process.

Commission's View

The Commission has noted the submission of the Stakeholder and reply of the Petitioner.

2.2.4 Absence of transparency in transmission planning.**Stakeholder's Comment**

The Stakeholder stated that the petition does not appear to disclose load flow studies, system straightening studies, planning criteria, demand projections and technical justification for proposed substations/ feeders. The documents are essential for proper regulatory scrutiny.

Petitioner's Response

The Petitioner submitted that the proposed transmission schemes have been formulated based on system requirements, network growth and reliability considerations. The Petition contains the information required under the applicable regulatory framework for consideration of the Business Plan and CAPEX proposals. The necessity, technical justification and prudence of the proposed schemes are subject to detailed scrutiny by the Hon'ble Commission during the approval process.

Commission's View

The Commission has noted the submission of the Stakeholder and reply of the Petitioner. The Commission appreciates the concerns of the stakeholder. The Commission, after prudence check and duly satisfied with respect to duplicity of the assets and also considering this as the first Business Plan of the STU, has accorded approval of such Capex. However, the Commission directs the STU to plan its transmission system in coordination with the distribution licensee CPDL and after due analysis of load flow studies, system straightening studies, planning criteria, demand projections in future petitions.

2.2.5 Difference in Capitalization amount.**Stakeholder's Comment**

The Stakeholder stated the Business Plan of STU Chandigarh for MYT Control Period 2025-26 to 2029-30 indicated Capital Expenditure of Rs. 158.34 cr. (Table 1 &2) whereas year wise breakup of Capital Expenditure as well as Capitalisation worked out to Rs. 116 crore (Tables 3&4). Rest of the capitalisation of Rs. 40.50 cr. has been indicated for upcoming financial years. (Table 4) In view of above, no details of capital expenditure of Rs. 40.50 crore (Rs. 158.34 cr. - Rs. 117.84 cr), logic for inclusion of the same in current business plan of FYs 2025-26 to 2029-30 needs clarity. The difference of Rs. 1.84 cr. in Capital Expenditure (Rs. 117.84 cr-Rs. 116 cr.) also needs clarification. Further, the Capital expenditure of Rs. 0.33 cr. has been indicted for FY 2025-26 while no capitalisation has been indicated for FY 2025-26.

Petitioner's Response

The Petitioner submitted that the total proposed Capital Expenditure of Rs. 158.34 crore represents the overall investment planned during the MYT Control Period (FY 2025-26 to FY 2029-30), whereas the year-wise Capital Expenditure and Capitalization figures reflect only those schemes for which implementation schedules have been finalized. The balance amount of Rs. 40.50 crore pertains to projects that are envisaged during the MYT period but whose detailed phasing, execution timelines and corresponding capitalization are expected to be finalised subsequently based on project readiness, statutory approvals and procurement processes. Accordingly, its inclusion in the Business Plan is intended to provide a comprehensive investment roadmap for meeting future transmission requirements and does not imply automatic approval of expenditure or capitalization by the Hon'ble Commission. Further, the difference of Rs. 1.84 crore between Rs. 117.84 crore and Rs. 116.00 crore is attributable to the provision made towards Operation & Maintenance (O&M) charges relating to the BBMB assets and the Ganguwal transmission line. The petitioner further submitted that, the amount of Rs.0.33 crore reflected against FY 2025-26 does not pertain to any capital asset creation and relates to Operation & Maintenance (O&M) expenses relating to the BBMB assets and the Ganguwal transmission line.

Commission's View

The Commission has noted the submission of the Stakeholder and reply of the Petitioner. It is clarified that as per MYT Regulations the assets only when put to use/capitalized shall be entitled for Return on Equity, Interest on Loan, Depreciation etc.

2.2.6 Transmission losses**Stakeholder's Comment**

The stakeholders stated that Business Plan also indicates Proposed Transmission losses from 5.80% in FY 2025-26 to 5.20 % in FY 2029-30. However, there is no distinct depiction of transmission and distribution losses by EWEDC in its Annual Accounts and as such present status of transmission losses was not forthcoming from its Annual Accounts. Further, the Prescribed Percentage of technical and commercial losses of Distribution Licensee and transmission losses of Transmission licensee needs clarity in view of transfer of such functions now to CDPL.

Petitioner's Response

The Petitioner submitted that the proposed transmission loss trajectory from 5.80% in FY 2025-26 to 5.20% in FY 2029-30 has been determined based on the transmission network configuration, historical operational data, load growth projections and anticipated system strengthening measures proposed under the Business Plan. The annual accounts of the erstwhile EWEDC were maintained on an integrated basis and, therefore, separate transmission and distribution losses were not distinctly available. The proposed transmission loss reduction trajectory is indicative and shall be subject to periodic review and approval by the Hon'ble Commission based on actual performance and availability of segregated data. Further, the petitioner submitted that the exact loss trajectory for each entity shall be

determined and approved by the Hon'ble Commission based on segregated data, operational responsibilities and applicable regulatory provisions.

Commission's View

The Commission has noted the submission of the Stakeholder and reply of the Petitioner. The Commission has dealt this issue at appropriate place. Further, the Commission notes that since there are only a few Transmission assets transferred to the petitioner. The Transmission loss is a technical loss not within the control of petitioner, which shall be finalized after capitalization of purposed schemes and has been dealt in section 4.5 of this order.

2.2.7 Fragmentation of power sector

Stakeholder's Comment

The stakeholders submitted that the Modern governance relies on single-point accountability and simplified user experiences. Fragmenting Chandigarh's electricity department into multiple independent entities was not the objective of privatization.

Petitioner's Response

The Petitioner submitted that the existence of separate entities such as the Distribution Licensee, STU and SLDC is not a consequence of privatization but a statutory requirement under the Electricity Act, 2003. Privatization was intended to improve distribution efficiency and consumer services. It did not envisage the transfer of transmission planning, grid operation and system control functions, which are legally entrusted to the STU and SLDC. Further, the presence of separate entities does not dilute accountability or complicate consumer experience. The Distribution Licensee continues to remain the single point of interface for consumers with respect to supply, billing, metering and related services. The STU and SLDC perform distinct statutory functions essential for intra-state transmission development, grid security and reliable system operation. Therefore, the functioning of separate entities is not fragmentation of the power sector but implementation of the statutory framework established under the Electricity Act, 2003.

Commission's View

The Commission has noted the submission of the Stakeholder and agree with reply of the Petitioner.

2.2.8 Absence of Manpower Planning

Stakeholder's Comment

The stakeholders submitted that it is also concerning to read that STU & SLDC are having only 15 employee each and that they have no plan on how many more staff is required by them in coming years. Yet they are asking to spend a massive sum of over 200 Crore.

Petitioner's Response

The Petitioner submitted that the effectiveness of transmission and load dispatch organizations is not determined solely by employee count. Modern transmission utilities and

load dispatch centres rely heavily on technology-driven operations including, SCADA systems, Remote monitoring and control, Protection automation, Digital communication systems, Energy management systems. The role of STU and SLDC is largely supervisory, planning-oriented, regulatory and technology-enabled. Physical execution of works is routinely undertaken through contractors, consultants, EPC agencies and specialized service providers under the supervision of utility personnel. Consequently, employee strength alone is not a valid indicator for assessing the necessity or feasibility of infrastructure investment. Therefore, the quantum of expenditure cannot be evaluated merely on the basis of the number of employees currently deployed.

Commission's View

The Commission has noted the submission of the Stakeholder and reply of the Petitioner. The Commission appreciates the concern of the stakeholder. The Commission is not fully convinced with the reply of the petitioner that physical execution of works is routinely undertaken through contractors, consultants, EPC agencies and specialized service providers under the supervision of utility personnel. The Commission thinks that real time maintenance and break down repair i.e. for O&M work, manpower is definitely required. Hence, it directs STU to induct / arrange sufficient manpower for at least day to day O&M works.

2.2.9 Operation and maintenance Charges

Stakeholder's Comment

The Stakeholder submitted that the schemes pertain to operation and maintenance activities and should not form part of the Capital Investment Plan. Further, the matter related to operationalization of O&M arrangement with BBMB is presently pending before the UT Administration for appropriate decision. Also, the issue regarding operationalization of MoU signed between PSTCL and CPDL is under consideration by the Standing Committee of the Northern Zonal Council and the decision is awaited. In view of the above, it is submitted that since these issues are presently under consideration of the competent authority, the Hon'ble Commission may await the outcome of the said process before taking a view on the same.

Petitioner's Response

The petitioner submitted that it is an admitted position that the assets associated with the BBMB sub-station form part of the BBMB Hydro-Electric Project and O&M of 220KV Ganguwal- Mohali Transmission line and 66 KV bays at 220KV G/S/Stn PSTCL, Mohali have not been transferred or vested in CPDL under the Chandigarh Electricity Reforms Transfer (First Amendment) Scheme, 2026. The inclusion of operation and maintenance schemes proposed in the Business Plan are intended to provide a comprehensive investment roadmap for meeting future transmission requirements and do not imply automatic approval of expenditure or capitalization by the Hon'ble Commission. The admissibility of expenditure and capitalization shall remain subject to separate regulatory scrutiny and approval in accordance with the applicable regulations.

Commission's View

The Commission has noted the submission of the Stakeholder and reply of the Petitioner.

2.2.10 Funding plan**Stakeholder's Comment**

The stakeholder submitted that the capital expenditure schemes shall be funded under debt equity ratio of 70:30 and further grant would be sought under PSDF fund. On perusal of the relevant guidelines of Ministry of Power and CERC (Power System Development Fund) Regulations, 2019, it is inferred that utilization of funds from PSDF is generally intended for specific works such as creation of necessary transmission systems of strategic importance for relieving congestion in Inter-State Transmission System (ISTS) and Intra-State Transmission Systems (InSTS) which are incidental to the ISTS, improvement of voltage profile in the Grid, projects for setting right discrepancies identified in protection audits on regular basis, renovation & modernization of transmission & distribution systems for relieving congestion. Therefore, eligibility of the proposed works for PSDF support would require examination by the competent authorities i.e. by the Nodal Agency or the Appraisal Committee under the PSDF framework.

Petitioner's Response

The petitioner submitted that the reference to PSDF in the Petition is only an indicative funding source and does not imply automatic entitlement or approval of such funding. Any proposal for availing financial assistance under PSDF may be considered and processed strictly in accordance with the prevailing Regulations, guidelines and eligibility criteria prescribed by the competent authorities. Necessary approvals, wherever required, shall be obtained separately from the competent authorities. Accordingly, the possibility of seeking PSDF support cannot be a ground for rejecting the proposed schemes at the Business Plan stage.

Commission's View

The Commission has noted the submission of the Stakeholder and reply of the Petitioner. Further relates to operationalization SLDC functions which shall be dealt in the SLDC Business Plan petition.

2.2.11 Utilization of Proposed Infrastructure**Stakeholder's Comment**

The stakeholder submitted that there is no technical justification, scope of work such as Substation Capacity, Bays / Incomers / equipment rating etc. provided for the construction of such new Grid Sub-stations in UT Chandigarh, including whether it is planned as a ring-main or radial network. Further, based on the load growth projections for FY 2025-26 to FY 2029-30 approved by the Hon'ble Commission in CPDL's Business Plan Order dated

21.10.2025, there is no requirement for a new Grid Sub-station at Sector-26 and Sector-34. Also, no downstream distribution network exists or has been proposed by CPDL in its Business Plan for evacuation of power from the proposed Sector-26 and Sector-34 GSS. Consequently, the proposed infrastructure would remain unutilized and, being radial in nature, would also not provide N-1 reliability. Accordingly, the proposal of STU for construction of this GSS shall be rejected by the Hon'ble Commission.

Petitioner's Response

The petitioner submitted that the proposed Grid Sub-Station at Sector-34 and Sector-26 have been identified considering future system requirements, network reliability, load diversification and long-term planning considerations, and cannot be assessed solely on the basis of CPDL's approved Business Plan. The whole work shall be executed after the approval of Hon'ble Commission.

Commission's View

The Commission has noted the submission of the Stakeholder and reply of the Petitioner.

2.2.12 Schemes proposed by STU Pertaining to Assets and Functions already transferred to CPDL

Stakeholder's Comment

The stakeholders submitted that several schemes proposed by STU related to assets and functions which already stand transferred to CPDL and being the distribution licensee these schemes/works are also covered under CPDL's approved Business Plan and scheme-wise DPR Petition filed before the Hon'ble Commission. The Transfer Scheme transferred not only the assets but also the associated functions relating to planning, design, financing, construction, maintenance and operation of the sub-transmission and distribution systems for supply of electricity to retail consumers in Union Territory of Chandigarh. Accordingly, STU cannot seek to undertake schemes relating to augmentation, strengthening or expansion of assets and systems already vested in CPDL under the Statutory Transfer Scheme.

Petitioner's Response

The petitioner submitted that the contention is incorrect and is based on subjective reading of the Transfer Scheme. While the Transfer Scheme transferred specified assets and associated functions to CPDL, it did not extinguish or curtail the statutory role and responsibilities of STU as specified under the Electricity Act, 2003. The schemes proposed by STU are intended to discharge its distinct statutory responsibilities relating to the planning, development and strengthening of the intra-state transmission network required for maintaining a reliable, secure and efficient power system as per Electricity Act 2003.

Commission's View

The submission of the Stakeholder and reply of the Petitioner is noted. This issue has already been dealt in Para 2.2.1 and needs no further explanation.

2.2.13 Asset Classification Based on Purpose, Not Voltage Level**Stakeholder's Comment**

The stakeholders submitted that the combined reading of Section 2(19) and Section 2(72) of the Electricity Act, 2003 read with Rule 4 of the Electricity Rules, 2005 makes it clear that the character of an electrical asset is determined by its primary purpose and usage and not merely by its operating voltage. Therefore, any line, sub-station or electrical plant primarily maintained for distribution and supply of electricity within the licensed area of a distribution licensee forms part of the distribution system irrespective of whether it operates at 11 kV, 66 kV or 220 kV.

Petitioner's Response

The petitioner submitted that while the purpose and usage of an electrical asset are relevant considerations, they cannot be the sole criteria for determining whether an asset forms part of the distribution system. The submission of stakeholder is only a partial interpretation of statutory provisions & doesn't fully appreciate the role and function entrusted to STU under Electricity Act, 2003. The Ministry of Power, Government of India, vide advisory dated 01.09.2021, recognized the need for bringing the 33 kV system under the State Transmission Utility for better planning, loss reduction, improved reliability and integrated network development. The advisory specifically recommended a phased transfer of 33 kV assets from DISCOMs to the STUs, thereby acknowledging that the classification of assets cannot be determined merely on the basis that they ultimately serve retail consumers. Further, the provisions of section 2(19), 2(72), 39 & 131 of Electricity Act, 2003 must be read harmoniously. Accordingly, the nature of a scheme must be assessed on the basis of its role in the integrated power system, including network planning, system reliability, ownership and statutory responsibility and not solely on its end-use within the licensed area of a distribution licensee.

Commission's View

The submission of the Stakeholder and reply of the Petitioner is noted. As per the Transfer Scheme the CPDL has been entrusted the function of distribution business and the Electricity Act 2003, authorises only a transmission licensee for construction of transmission or sub-transmission lines/elements/system.

2.2.14 Non-Alignment of STU Capital Plan with CPDL**Stakeholder's Comment**

The stakeholders submitted that the proposed Capital Investment Plan of STU is not aligned with the approved Capital Investment Plan of CPDL as required under Regulation 8.6(c) of Tariff Regulations, 2024 which specifically provides that "The Capital Investment Plan proposed by the Transmission Licensee shall be in conformity with the plans made by the Authority/Central/State Transmission Utility and with the Capital Investment Plan of the Distribution Licensee." The Petition does not demonstrate any coordination with the approved Business Plan and Capital Investment Plan of CPDL.

Petitioner's Response

The Petitioner submits that the Regulation 8.6(c) requires coordination and conformity between transmission and distribution planning, but it does not make STU's Capital Investment Plan dependent upon or subordinate to CPDL's approved Business Plan or Capital Investment Plan. The schemes proposed by STU have been formulated in discharge of its statutory responsibilities under Section 39 of the Electricity Act, 2003, considering system requirements, network reliability and future load growth. The existence of an approved Business Plan of CPDL cannot restrict or determine the scope of transmission planning within Chandigarh.

Commission's View

The Commission has noted of the submissions of the Stakeholder and the reply of the Petitioner. The Commission directs the STU to follow the regulations for future capital investment and should demonstrate the conformity of the STU capital expenditure as envisaged in the applicable regulations.

2.2.15 Proposed Raipur Kalan Scheme Already Vested with CPDL**Stakeholder's Comment**

The stakeholder submits that the proposed scheme is intended to supply electricity to consumers within CPDL's licensed area and therefore forms part of the distribution system in terms of Section 2(19) of the Electricity Act, 2003 read with Rule 4 of the Electricity Rules, 2005. The construction of the 66/11 kV Grid Sub-Station at Raipur Kalan had been stayed by the Hon'ble Punjab and Haryana High Court in 2016, which finally got vacated in July 2025. Subsequently, discussions involving all stakeholders, including STU, culminated in a decision to hand over the said sub-station to CPDL. Further, in terms of Schedule B-2 of the Chandigarh Electricity Reforms Transfer (First Amendment) Scheme, 2026, the functions and assets pertaining to the 66/11 kV Grid Sub-Station at Raipur Kalan stand transferred and vested in CPDL. Therefore, STU's submission of this scheme is merely creating duplicity, ultra-vires of the Transfer Scheme Amendment and must therefore be rejected. The CPDL has already submitted DPR for electrification of the 66/11 kV sub-station which is currently under consideration by the Hon'ble Commission. Early electrification of the said sub-station is critical in view of the applications seeking new connection and also for meeting CPDL's Universal Supply Obligations under the Electricity Act, 2003.

Petitioner's Response

The petitioner submits that the Hon'ble Commission, in its Order dated 04.06.2026 in Petition No. 162 of 2025, has already taken note that four schemes out of the 297 schemes pertain to works proposed by STU in its Business Plan and has specifically observed that the same shall be dealt with separately in the appropriate proceedings. Accordingly, the Hon'ble Commission consciously refrained from approving these schemes under CPDL's DPR Petition. Therefore, the issue of duplication does not arise, as the Hon'ble Commission has already recognized that the said schemes fall for consideration in STU's proceedings and not under CPDL's DPR Petition.

Commission's View

The submission of the Stakeholder and reply of the Petitioner is noted. The schemes proposed by the petitioner has been considered as detailed in Chapter 3 of this order.

2.2.16 BBMB Asset Ownership and Functions Remain Unresolved

Stakeholder's Comment

The stakeholder submits that as informed by the UT Administration during several discussions, these assets form part of the BBMB Hydro-Electric Project and the ownership is with BBMB under the Reorganization Act. Therefore, these Assets and functions associated with BBMB sub-station have not been transferred to CPDL under the Transfer Scheme Amendment, 2026 notified on 30.01.2026. The issues related to ownership, accountability and substantial delay in network restoration/augmentation has been highlighted by CPDL before various authorities including the UT Administration and the matter is currently pending for resolution. Hence, it is submitted that the Hon'ble Commission may await the decisions of the competent authorities in the pending process before taking a view on the proposed investments by STU.

Petitioner's Response

The petitioner submits that the submissions did not support the objection raised. It is an admitted position that the assets associated with the BBMB sub-station form part of the BBMB Hydro-Electric Project and have not been transferred or vested in CPDL under the Chandigarh Electricity Reforms Transfer (First Amendment) Scheme, 2026.

Commission's View

The submission of the Stakeholder and reply of the Petitioner is noted. Any decision in this issued by UT Administration at a later date shall be dealt subsequently appropriately as per the extent regulations.

Chapter 3. Business Plan for MYT Control Period FY 2025-26 to FY 2029-30

3.1 Background

The Commission has 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 financial years from FY 2025-26 to FY 2029-30.

Pursuant to the above, the Petitioner has filed the present Petition before the Commission for the Capital Investment Plan approval for the Control Period from FY 2025-26 to FY 2029-30.

As per Regulation 8.4 of the JERC (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2024, the Business Plan Petition filed for the Transmission Company shall include as follows:

*“8.5 The Business Plan filed by the **Transmission Licensee** shall inter-alia contain:*

- a) Projections for the growth of load in the transmission network.*
- b) (i) **Capital Investment Plan** for each Year of the Control Period commensurate with load growth, transmission loss reduction trajectory and quality improvement measures proposed in the Business Plan in accordance with Regulation 8.6;*
- (ii) The capital investment plan shall show separately, on-going projects that will spill into each year of the control period and new projects (along with justification) that will commence but may be completed within or beyond the control period.*

Provided that the Capital Investment Plan of the Transmission System of 66kV & above voltage level shall take into account schemes costing below the threshold limit as given below:

State/UT	Threshold Limit
Goa/Chandigarh/ Dadra & Nagar Haveli and Daman & Diu i.e., (DNHDD)	Rs. 50 Crore
Puducherry	Rs. 25 Crore

Provided further that the Capital Investment Plan of Transmission System of 66kV & above voltage level exceeding the threshold limit as mentioned in the above proviso shall be done through Tariff Based Competitive Bidding (TBCB).

- c) **Capital Structure** of each scheme proposed and the cost of financing (interest on debt and return on equity), terms of the existing loan agreements, etc.;*
- d) **Performance Targets** items such as transmission loss, availability of transmission system, transformer failure rate, and any other parameters for quality of supply for each year of the Control Period, consistent with the Capital Investment Plan proposed by the Transmission Licensee;*

- e) **Projections for number of employees** during each Year of the Control Period based on proposed recruitments and retirement;
- f) **Proposals in respect of income from Other Business** for each Year of the Control Period.

This chapter deals with the Capital Investment Plan for FY 2025-26 to FY 2029-30 for STU, Chandigarh. The Commission has studied and analysed each scheme as proposed by the Petitioner in the following paragraphs.

3.2 Approach for approval of Capital Investment Plan

The Petitioner has submitted the scheme-wise capital expenditure plan along with capitalization plan for each year of the control period from FY 2025-26 to FY 2029-30. The Commission has now carried out the approval of scheme-wise capital investment plan for each year of the Control Period from FY 2025-26 to FY 2029-30 in accordance with the principles laid down in JERC MYT Regulations, 2024.

3.3 Capital Investment Plan of STU, Chandigarh

Petitioner's Submission:

For improving the transmission network availability and to strengthen the overall transmission network, STU proposes massive Capital Expenditure in construction of new transmission lines and substation along with augmentation and R&M work in the Union Territory Chandigarh.

The capital expenditure is primarily for establishment of new substations along with associated transmission networks to take care of the existing and future load demand. In addition to above, the Capital Expenditure is required for following purposes:

- To reduce load on existing substation and transmission lines.
- To meet demand & load growth.
- To reduce the loading on connecting feeders and to maintain % voltage regulation and peak load with permissible limit.
- Due to erection of new sub stations, feeders gets bifurcated hence the length of the 66KV/11KV line and peak load of feeder reduces considerably, which results in reduction of Transmission losses.
- Some of the substation locations, where augmentation of sub stations / transmission line is not possible due to space constrain in switch yard/ control room to meet the existing and additional load demand, infrastructure is required to be developed.
- Reliable system availability.
- Strengthen the transmission network for system improvement like voltage profile, catering more power and additional reactive compensation.
- To enhance reliability and ensure redundancy new feeders proposed from PGCIL Hallomajra, U.T, Chandigarh.

- Proposed additional source will improve network stability by providing an alternate Supply, ensuring uninterrupted power in case of an outage.
- New GSS proposed to share/ deload the existing Grid Substations.

The detailed breakup of proposed capital expenditure during the control period FY 2025-26 to FY 2029-30 has been indicated below:

Table 6: Capital Expenditure as submitted by the Petitioner (Rs. Cr.)

Year wise Capital Expenditure							
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Providing 66 KV underground double CKT Transmission line by laying single core 1000 mm ² XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Raipur Kalan (New) U.T Chandigarh along with associated 2 Nos. 66 KV line bays.	25	-	10	15	-	-
2	Replacement/augmentation of 66 KV ACSR conductor from Dhulkote to BBMB, U.T, Chandigarh.	20	-	-	10	10	-
3	Providing 66 KV underground Transmission line by laying single core 1000 mm ² XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station (New) at Sector-34, U.T Chandigarh.	15	-	-	5	10	
4	Construction of 66/11 KV Grid Sub Station (New) at Sector - 34, U.T, Chandigarh.	12	-	-	4	8	-
5	Replacement/ augmentation of 2Nos. 66/11KV, 10/12.5 MVA power transformer with 20 MVA power transformer along with allied material like C&R Panel, 11 KV breakers, control cables & CT/PT at 66/11 KV	21.5	-	-	-	10	11.5

	G/S/Stn, BBMB, Phase-I, Chandigarh						
6	Providing 66 KV underground Transmission line by laying single core 1000 mm2 XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Sector-17, U.T Chandigarh.	18	-	-		6	12
7	Providing 66 KV underground Transmission line by laying single core 1000 mm2 XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Sector-47, Chd.	10	-	-	-	4	6
8	Construction of 66/11 KV GIS Sub Station at Diesel Power House, Sector -26, U.T, Chandigarh.	18	-	-	-	6	12
9	Providing 66 KV underground Transmission line by laying single core 1000 mm2 XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV GIS Grid Sub Station, Diesel Power House, Sector-26, U.T Chandigarh.	17	-	-	-	6	11
10	O&M charges of 66/11 KV G/S/Stn, BBMB, Phase-1, Chandigarh.	0.85	0.15	0.16	0.17	0.18	0.19
11	O&M charges of 220KV Ganguwal-Mohali Transmission line and 66 KV bays at 220KV G/S/Stn PSTCL, Mohali-1	0.99	0.18	0.19	0.2	0.21	0.21
	Total	158.34	0.33	10.35	34.37	60.39	52.9

It can be seen from the above table that the STU plans to invest Rs. 158.34 Crore in the Union Territory Chandigarh in various capital expenditure schemes during the MYT Control Period.

The scheme wise features of the proposed capital expenditure plans are outlined below:

Table 7: Summary of Year Wise Capital Expenditure Plan of STU for the MYT Control Period from FY 2025-26 to FY 2029-30 (In Rs. Crores)

Year wise Capital Expenditure							
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Capital Expenditure	158.34	0.33	10.35	34.37	60.39	52.9
	Total	158.34	0.33	10.35	34.37	60.39	52.9

Commission's Analysis:

The Commission observed that the Petitioner, i.e., the State Transmission Utility (STU), has been constituted by the Chandigarh Administration to undertake all the functions within the Union Territory of Chandigarh as provided under Sections 39 and 40 of the Electricity Act, 2003.

Accordingly, with a view to improving the availability and reliability of the transmission network and strengthening the overall transmission system, the STU has proposed substantial capital expenditure towards the construction of new transmission lines and substations, as well as augmentation and Renovation & Modernization (R&M) works in the Union Territory of Chandigarh. The proposed capital expenditure is primarily aimed at establishing new substations along with the associated transmission network to cater to the existing and projected future load demand.

In view of the above, the Commission observed that capital investment is necessary to meet the growing demand and load requirements, ensure uninterrupted power supply, maintain network stability of the existing grid substations.

Based on the Petitioner's submissions and the overall approach discussed herein, the scheme wise analysis of proposed capital expenditure plan by the Commission is as given in subsequent sections.

3.4 Providing 66 KV underground double ckt transmission line from 220/66 KV Gas Insulated Substation Hallomajra to Raipur kalan.**Petitioner's Submission:**

The Petitioner submits that the new 66/11 KV grid substation at Raipur Kalan has been constructed by erstwhile entity EWEDC and handed over to CPDL as per transfer schemes 2025. Presently there is no incoming feeder for the said 66 KV Grid Substation and said GSS remains un-operational since its commissioning.

The Petitioner further submits that, to energize Raipur Kalan GSS, it is proposed to provide 2 No. new 66 KV underground feeders emanating from 220 kV GIS GSS Hallo Majra (PGCIL) to

66 KV GSS Raipur Kalan along with construction of associated 2 nos. 66 kV Bays at Raipur kalan, Chandigarh.

Accordingly, the Petitioner proposes the said capital expenditure to ensure continuity of supply during outages and maintain N-1 contingency support. The revised capital expenditure w.r.t the schemes submitted by the petitioner is given below:

Table 8: Revised Capex schedule proposed by the Petitioner for Scheme

(Rs. Cr.)

Sr. No.	Project Name	Year wise Capital Expenditure						
		Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Providing 66 KV underground double CKT Transmission line by laying single core 1000 mm ² XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Raipur Kalan (New) U.T Chandigarh along with associated 2 Nos. 66 KV line bays.	25	27.78	-	27.78	-	-	-

Commission's Analysis:

The Commission has reviewed the revised estimates of the petitioner and notes that to enhance network reliability, operational flexibility and N-1 contingency support, the proposed capital expenditure is justified. Accordingly, the proposed CAPEX is approved as detailed below:

Table 9: Capex approved by the Commission for Scheme

(Rs. Cr.)

Sr. No.	Project Name	Year wise Capital Expenditure					
		Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Providing 66 KV underground double CKT Transmission line by laying single core 1000 mm ² XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Raipur Kalan (New) U.T Chandigarh along with associated 2 Nos. 66 KV line bays.	27.78	-	27.78	-	-	-

3.5 Replacement/Augmentation of 66 kV ACSR conductor from dhulkote to G/S/Stn, BBMB, Chandigarh

Petitioner's Submission:

The Petitioner submits that the 66 kV Dhulkote- Chandigarh Transmission line is a 45 km Double Circuit (D/C) line forming an important interconnection between 220 kV BBMB Dhulkote Sub-station and 66 kV BBMB Chandigarh Sub-Station. These two circuits were commissioned more than 50 years back. The 66 kV Grid Sub-Station BBMB Chandigarh was originally constructed under the Bhakra Left bank project for meeting the power requirement of Chandigarh and adjoining areas.

The 66 kV Dhulkote-Chandigarh as of the source feeding Chandigarh's transmission system. The existing conductor of the said circuit is outlived and completed its useful life leading to breakdown, hence required to be replaced/augmented.

Accordingly, the Petitioner proposes the said capital expenditure to ensure better load management during outages and maintain N-1 contingency support. The revised capital expenditure w.r.t the schemes submitted by the petitioner is given below:

Table 10: Revised Capex schedule proposed by the Petitioner for Scheme

(Rs. Cr.)

Sr. No.	Project Name	Year wise Capital Expenditure						
		Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Replacement/augmentation of 66 KV ACSR conductor from Dhulkote to BBMB, U.T, Chandigarh.	20	20	-	-	10	10	-

Commission's Analysis:

The Commission has reviewed the revised estimates of the petitioner and notes that to ensure uninterrupted and reliable power supply to essential and key end consumers by establishing network redundancy (N-1) at transmission level the proposed capital expenditure is justified. Accordingly, the proposed CAPEX is approved as detailed below:

Table 11: Capex approved by the Commission for Scheme

(Rs. Cr.)

Year wise Capital Expenditure							
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Replacement/augmentation of 66 KV ACSR conductor from Dhulkote to BBMB, U.T, Chandigarh.	20	-	-	10	10	-

3.6 Providing 66 kV underground transmission line by laying single core 1000 mm² XLPE cable from 220/66 kV Gas Insulated Sub Station (GIS) Hallomajra to 66/11 kV Grid Sub Station (New) at Sector-34, Chandigarh.

Petitioner's Submission:

The Petitioner submits that the existing 66/33/11 kV Grid Substation at Sector-34, constructed by the erstwhile entity EWEDC, was transferred and handed over to CPDL pursuant to the Transfer Scheme, 2025. The said Grid Substation is presently being fed from two sources, namely: (i) a 66 kV underground transmission line from the 66 kV GSS, Sector-32, which originates from the 66 kV GSS, Industrial Area, Phase-II, Chandigarh; and (ii) a 33 kV overhead line fed from the 66 kV GSS, Sector-52, Chandigarh. The Petitioner further submits that the existing Grid Substation at Sector-34 is presently operating at an optimum level. Considering the anticipated load growth in and around the Sector-34 area, there is a need to establish an additional 66 kV Grid Substation to cater to the projected demand and to strengthen the reliability of the distribution network.

The Petitioner has submitted that Sector-34 is a major commercial centre, while the adjoining Sector-35 is also a prominent commercial area, comprising five-star and other hotels, besides various other commercial establishments. Further, the surrounding areas, including Sectors 21, 22, 33, 34, 35 and 43, comprise significant residential and commercial loads. In view of the existing as well as anticipated load growth in these areas, it has become necessary to plan an additional Grid Substation at an appropriate load centre in the vicinity of Sector-34. To cater to the load of the proposed new 66 kV GSS at Sector-34, the Petitioner has proposed a 66 kV underground cable feeder emanating from the 220 kV Grid Substation, Hallomajra. The proposed arrangement is expected to provide additional transformation capacity and network support, thereby reducing the loading of the existing 66/33/11 kV GSS at Sector-34 and providing relief to other adjoining Grid Substations.

For energization of the proposed Grid Substation, the Petitioner has proposed the construction of one new 66 kV underground feeder from the 220 kV GIS GSS, Hallomajra (PGCIL), to the proposed new 66 kV GSS at Sector-34, along with the construction of the associated 66 kV bay at the proposed Grid Substation for termination of the feeder. The Petitioner has accordingly proposed the above augmentation/strengthening scheme with a view to meeting the anticipated load growth, improving system reliability, providing adequate network capacity and ensuring reliable supply to the existing and upcoming loads in the Sector-34 and adjoining areas.

The revised capital expenditure w.r.t the schemes submitted by the petitioner is given below:

Table 12: Revised Capex proposed by the petitioner for the scheme

(Rs. Cr.)

Year wise Capital Expenditure								
Sr. No.	Project Name	Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Providing 66 KV	15	27.01	-	-	27.01	-	-

		Year wise Capital Expenditure						
Sr. No.	Project Name	Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
	underground Transmission line by laying single core 1000 mm ² XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station (New) at Sector-34, U.T Chandigarh							

Commission's Analysis:

The Commission has considered the revised estimates made by the Petitioner regarding the requirement for establishment of a new 66 kV Grid Substation at Sector-34, along with the proposed 66 kV underground feeder from the 220 kV GIS GSS, Hallomajra (PGCIL) and the associated 66 kV bay for termination of the feeder.

The Commission is of the view that establishment of an additional 66 kV Grid Substation, is justified by the projected load growth and system studies, would strengthen the network, improve reliability of supply and provide adequate capacity to cater to the future load in the area.

Accordingly, the proposed CAPEX is approved as detailed below:

Table 13: Capex approved by the Commission for the Scheme

(Rs. Cr.)

Year wise Capital Expenditure								
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30	
1.	Providing 66 KV underground Transmission line by laying single core 1000 mm ² XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to	27.01	-	-	27.01	-	-	

Year wise Capital Expenditure							
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
	66/11 KV Grid Sub Station (New) at Sector-34, U.T Chandigarh						

3.7 Construction of 66/11 KV Grid Sub Station (New) at Sector -34, U.T, Chandigarh.

Petitioner's Submission:

The Petitioner submits that the existing 66/33/11 kV Grid Substation at Sector-34, constructed by the erstwhile entity EWEDC, was transferred and handed over to CPDL pursuant to the Transfer Scheme, 2025. The said Grid Substation is presently being fed from two sources, namely: (i) a 66 kV underground transmission line from the 66 kV GSS, Sector-32, which originates from the 66 kV GSS, Industrial Area, Phase-II, Chandigarh; and (ii) a 33 kV overhead line fed from the 66 kV GSS, Sector-52, Chandigarh. The Petitioner further submits that the existing Grid Substation at Sector-34 is presently operating at an optimum level. Considering the anticipated load growth in and around the Sector-34 area, there is a need to establish an additional 66 kV Grid Substation to cater to the projected demand and to strengthen the reliability of the distribution network.

The Petitioner has submitted that Sector-34 is a major commercial centre, while the adjoining Sector-35 is also a prominent commercial area, comprising five-star and other hotels, besides various other commercial establishments. Further, the surrounding areas, including Sectors 21, 22, 33, 34, 35 and 43, comprise significant residential and commercial loads. In view of the existing as well as anticipated load growth in these areas, it has become necessary to plan an additional Grid Substation at an appropriate load centre in the vicinity of Sector-34. To cater to the load of the proposed new 66 kV GSS at Sector-34, the Petitioner has proposed a 66 kV underground cable feeder emanating from the 220 kV Grid Substation, Hallomajra.

The proposed scheme aims to strengthen the intra-state transmission network by establishing a new 66 kV grid Substation. The addition of the new Grid Substation will enhance the transformation and power evacuation capacity, reduce loading on the existing network, improve system reliability and redundancy and meet the projected increase in electricity demand and future growth.

The Petitioner, vide submission dated 18.09.2026, has further submitted that the project cost of the said schemes is Rs. 14.00 crore. Accordingly, the revised capital expenditure with respect to the schemes submitted by the Petitioner is given below:

Table 14: Revised Capex proposed by the Petitioner for the Scheme

(Rs. Cr.)

Year wise Capital Expenditure								
Sr. No.	Project Name	Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Construction of 66/11 KV Grid Sub Station (New) at Sector -34, U.T, Chandigarh.	12.00	14.00	-	-	14.00	-	-

Commission's Analysis:

The Commission has considered the revised estimates made by the Petitioner regarding the requirement for establishment of a new 66 kV Grid Substation at Sector-34. The Commission is of the view that establishment of an additional 66 kV Grid Substation is justified by the projected load growth and system studies, would strengthen the network, improve reliability of supply and provide adequate capacity to cater to the future load in the area.

Accordingly, the proposed CAPEX is approved as detailed below:

Table 15: Capex approved by the Commission for the Scheme

(Rs. Cr.)

Year wise Capital Expenditure							
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Construction of 66/11 KV Grid Sub Station (New) at Sector -34, U.T, Chandigarh.	14.00	-	-	14.00	-	-

3.8 Replacement/Augmentation of 2 no. 66/11 kV, 10/12.5 MVA Power Transformer with 20 MVA power Transformer along with allied material like C&R panel, 11 kV breakers, control cables & CT/PT at 66/11 KV G/S/Stn, BBMB, Phase-I, Chandigarh.

Petitioner's Submission:

The Petitioner submits that the present 66/33 kV & 66/11 kV, Grid Sub station BBMB, Industrial Area, Phase-I, Chandigarh is equipped with following assets of power transformers of UT Chandigarh:

1. 66/33 kV, 20 MVA PTR-02 Nos.
2. 66/11 kV, 10/12.5 MVA PTR-01 Nos.
3. 66/11 kV, 16/20 MVA PTR-01 Nos.

Which is being fed from 3 No. 66 kV feeding source. These 3 no. 66 kV feeding sources for 66 kV, BBMB, GSS, Industrial Area Ph-I, Chandigarh are coming from 220/66 kV GSS Kishangarh-1 ckt & 66 kV GSS Dhulkote-2 ckt.

The Replacement of existing power transformers along with its allied equipment like cables, breakers, control cables different sizes, CTs, PTs, Lightning Arrestors, C& R Panels, Circuit Breakers, Isolators, yard equipment structures etc. & including civil foundation work for yard equipment etc. are required to be replaced/augment being old aged and outlived/completed its useful life.

The Petitioner further submits that the said Grid substation caters to the major load of industrial area Phase-I & II, water works, the tribune and residential/commercial area of sector 19,27,28,30 etc. Chandigarh. The Operation and maintenance of said substation is carried out by the Bhakra Beas management Board authorities. The said GSS has not been transferred to CPDL as per Transfer Schemes being having shared assets.

The Proposed scheme aims to ensuring continuity of supply during outages, improved load management and power transfer capability between substations, improved voltage profile and system performance and N-1 contingency support. The revised capital expenditure w.r.t the scheme submitted by the Petitioner is given below:

Table 16: Revised Capex proposed by the Petitioner for the Scheme

(Rs. Cr.)

Year wise Capital Expenditure								
Sr. No.	Project Name	Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Replacement/ augmentation of 2 No. 66/11KV, 10/12.5 MVA power transformer with 20 MVA power transformer along with allied material like C&R Panel, 11 KV breakers, control cables & CT/PT at 66/11 KV G/S/Stn, BBMB, Phase-I, Chandigarh.	21.50	28.00	-	-	-	14.00	14.00

Commission's Analysis:

The Commission has considered the revised estimates of the Petitioner regarding the Replacement/Augmentation of 2 no. 66/11 kV, 10/12.5 MVA Power Transformer with 20 MVA power Transformer. The commission is of the view that the said Replacement/Augmentation is justified by the projected load growth and system studies, would strengthen the network, improve reliability of supply and provide adequate capacity to cater to the future load in the area.

Accordingly, the proposed CAPEX is approved as detailed below:

Table 17: Capex approved by the Commission for the Scheme

(Rs. Cr.)

Year wise Capital Expenditure							
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Replacement/ augmentation of 2 No. 66/11KV, 10/12.5 MVA power transformer with 20	28.00	-	-	-	14.00	14.00

Year wise Capital Expenditure							
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
	MVA power transformer along with allied material like C&R Panel, 11 KV breakers, control cables & CT/PT at 66/11 KV G/S/Stn, BBMB, Phase-I, Chandigarh.						

3.9 Providing 66 kV underground Transmission line by laying single core 1000 sq. mm. XLPE cable from 220 kV GIS Grid substation, Hallomajra (PGCIL) to 66-33/11 kV Grid substation Sector-17, Chandigarh.

Petitioner's Submission:

The Petitioner submits that the 66/11 kV Grid Sub station at sector 17 has capacity of 01 Nos. 66-33/11 kV 16/20 MVA and 01 Nos. 33/11 kV 10/12.5 MVA power Transformers which is being fed by 02 Nos. 33 kV feeders, 01 Nos. from 66/33 kV Grid Sun- Station Sector-52, Chandigarh and 01 Nos. 66/33 kV Grid Sub- Station Sector-18, Chandigarh.

The Petitioner further submits that to strengthen the distribution network and to cater the upcoming load of EV- charging station of Chandigarh Transport Undertaking (CTU) at Sector-17, enhance/upgradation of 33/11 kV grid to 66 kV level and ensure reliable power supply in Sector-17 area which serves mainly commercial load located in the surrounding sectors i.e sector-17, Sector-22, and load for EV charging station at Bus stand sector-17, it is proposed to lay a new 66 kV feeder from 220 kV GSS Hallomajra (PGCIL) to 66 kV GSS Sector-17, Chandigarh, for which 10 ckt-KM, 1*1000 sq. mm. 66 kV underground cable with spare cable run. The bay extension at 66 KV GSS Sector-17 is also required to connect above mentioned new feeder from 220 kV GSS Hallo Majra (PGCIL).

The proposed scheme will further support future load growth, improve system reliability and voltage performance, and enhance the overall resilience of the 66 kV network and enabling N-1 contingency and redundancy at 66 kV GSS Sector-17. The Petitioner, vide submission dated 18.09.2026, has further submitted that the project cost of the said schemes is Rs. 34.00 crore. Accordingly, the revised capital expenditure with respect to the schemes submitted by the Petitioner is given below:

Table 18: Revised Capex proposed by the Petitioner for the Scheme

(Rs. Cr.)

Year wise Capital Expenditure								
Sr. No.	Project Name	Original Submis sion	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Providing 66 KV underground Transmission	18.00	34.00	-	-	-	34.00	-

		Year wise Capital Expenditure						
Sr. No.	Project Name	Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
	line by laying single core 1000 mm2 XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Sector-17, U.T Chandigarh.							

Commission's Analysis:

The Commission has considered the revised estimates of the Petitioner for providing 66 kV underground transmission line by laying single core 1000 mm2 XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Sector-17, U.T Chandigarh. The commission is of the view that providing additional feed to the 66-33//11 kV GSS Sector 17 will also facilitate flexible load transfer during outages and reduce dependency on the existing feeding sources from Sector 18 and Sector-52. The investment to cater future load growth, improve system reliability and enhance the overall resilience of the 66 kV network is justified.

Accordingly, the proposed CAPEX is approved as detailed below:

Table 19: Capex approved by the Commission for the Scheme

(Rs. Cr.)

Year wise Capital Expenditure								
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30	
1.	Providing 66 KV underground Transmission line by laying single core 1000 mm2 XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Sector-17, U.T Chandigarh.	34.00	-	-	-	34.00		

3.10 Providing 66 kV underground Transmission line by laying single core 1000 sq. mm. XLPE cable from 220 kV GIS Grid substation, Hallomajra (PGCIL) to 66/11 kV Grid substation Sector-47, Chandigarh.

Petitioner's Submission:

The Petitioner submits that the 66/11 kV Grid sub station at Sector 47 has capacity of 2 no. 66/11 kV 16/20 MVA Power Transformer which is fed by 2 nos. 66 kV feeders. These 2 nos. 66 kV feeding sources for 66 kV GSS Sector-47 are coming from 66 kV GSS Industrial Area Phase -2 and 66 kV GSS Sector-52.

The Petitioner further submits that to strengthen the distribution network and ensure reliable power supply in the Sector-47 area which serves mainly residential, govt. offices and commercial load located in the surrounding sectors i.e. Sector-47, Sector-48, Sector-49, Ssector-50, village Bair Majra, it is proposed to develop a new 66 kV feeder from 220 kV GSS Hallo Majra (PGCIL) to 66 kV GSS Sector-47, for which 5 ckt-km, 1*1000 sq. mm. 66 kV underground cable will be laid. The bay extension at 66 kV GSS Sector-47 is also required to connect the above new feeder from 220 kV Hallo Majra (PGCIL).

The Proposed EHV network expansion will enhance operational flexibility and ensure N-1 contingency & redundancy at 66 kV GSS Sector-47. This arrangement will facilitate to transfer the load demand of GSS Sector 47 to 220 kV GSS Hallo Majra reliving feeding sources of Mohali. The revised capital expenditure w.r.t the scheme submitted by the petitioner is given below:

Table 20: Revised Capex proposed by the Petitioner for the Scheme

(Rs. Cr.)

Sr. No.	Project Name	Year wise Capital Expenditure						
		Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Providing 66 KV underground Transmission line by laying single core 1000 mm2 XLPE cable from 220 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Sector-47, U.T Chandigarh.	10	18.66	-	-	-	18.66	-

Commission's Analysis:

The Commission has considered the revised estimates of the Petitioner for providing 66 kV underground transmission line by laying single core 1000 mm2 XLPE cable from 220 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Sector-47, U.T Chandigarh. The commission is of the view that providing additional feed to the 66 kV GSS Sector 47, which serves residential, government offices and commercial loads in Sector-47 and the surrounding areas including Sector-48, Sector-49, Sector-50 and village Bair Majra. will strengthen the existing network by providing an additional reliable sources and enabling N-1 contingency and redundancy at 66 kV GSS Sector-47.

The proposed scheme will also facilitate flexible load transfer during outages and reduce dependency on the existing feeding sources from Industrial Area Phase-2 and Sector-52. The

investment to cater future load growth, improve system reliability and enhance the overall resilience of the 66 kV network is justified.

Accordingly, the proposed CAPEX is approved as detailed below:

Table 21: Capex approved by the Commission for the Scheme

(Rs. Cr.)

Year wise Capital Expenditure							
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Providing 66 KV underground Transmission line by laying single core 1000 mm ² XLPE cable from 220 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Sector-47, U.T Chandigarh.	18.66	-	-	-	18.66	-

3.11 Construction of 66/11 kV GIS Sub Station at Diesel Power House, Sector-26, U.T. Chandigarh.

Petitioner's Submission:

The Petitioner submits that the electrical load of Chandigarh is continuously increasing due to growth in residential, commercial, institutional, transportation and industrial activities. The Sector-26 occupies a strategically important location in the north-eastern/eastern part of the city. The area includes significant commercial and wholesale activities such as the Grain, Fruits & Vegetables Market, Timber Market and Goods Carrier/Transport areas, besides residential settlement and institutional/commercial establishment.

In view of the above, there is a need to establish an EHV substation near the load centre at Diesel Power House, Sector-26 so that the load can be suitably distributed amongst the existing and proposed grid sub stations. The existing area of Diesel Power House building where the grid sub station is proposed have space constraint to install AIS sub-station, thus Gas Insulated sub station is proposed being a load centre and will reduce dependence on longer 11 kV feeders and heavily loaded existing 66 kV substation located in vicinity i.e Industrial Area Phase-I, BBMB and Sector-18 U.T Chandigarh.

The Petitioner further submits that the proposal is also consistent with the present STU Chandigarh capital investment programme, which specifically includes construction of a new 66/11 kV GIS substation at Diesel Power House, Sector-26, Chandigarh and a dedicated 66 kV underground transmission connection from the 220/66 Kv GIS Hallo Majra.

The proposed scheme aims to strengthen the intra-state transmission network by establishing a new 66 kV Grid Substation. The addition of the new grid substation will enhance the transformation and power evacuation capacity, reduce loading on the existing network, improve system reliability and redundancy and meet the projected increase in electricity demand and future load growth. The revised capital expenditure w.r.t the scheme submitted by the petitioner is given below:

Table 22: Revised Capex proposed by the Petitioner for the Scheme

(Rs. Cr.)

Sr. No.	Project Name	Year wise Capital Expenditure						
		Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Construction of 66/11 kV GIS Sub Station at Diesel Power House, Sector-26, U.T. Chandigarh	18	28.73	-	-	-	28.73	-

Commission's Analysis:

The Commission has considered the revised estimates of the Petitioner for Construction of 66/11 kV GIS Sub Station at Diesel Power House, Sector-26, U.T. Chandigarh. The Commission is of the view that the investment will facilitate flexible load transfer during outages and maintenance, reduce loading and network constraints, improve voltage profile and ensure reliable and uninterrupted power supply to key consumers. The investment to considering the long term capacity, reliability, security of the transmission network, better load management during outages and emergency conditions the proposed addition in 66 kV network is justified.

Accordingly, the proposed CAPEX is approved as detailed below:

Table 23: Capex approved by the Commission for the Scheme

(Rs. Cr.)

Year wise Capital Expenditure							
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Construction of 66/11 kV GIS Sub Station at Diesel Power House, Sector-26, U.T. Chandigarh	28.73	-	-	-	28.73	-

3.12 Providing 66 kV underground Transmission line by laying single core 1000 sq. mm. XLPE cable from 220 kV GIS Grid substation, Hallomajra (PGCIL) to 66/11 kV GIS Grid substation, Diesel Power House, Sector-26, Chandigarh.

Petitioner's Submission:

The Petitioner submits that the electrical load of Chandigarh is continuously increasing due to growth in residential, commercial, institutional, transportation and industrial activities.

The Sector-26 occupies a strategically important location in the north-eastern/eastern part of the city. The area includes significant commercial and wholesale activities such as the Grain, Fruits & Vegetables Market, Timber Market and Goods Carrier/Transport areas, besides residential settlement and institutional/commercial establishment.

In view of the above, there is a need to establish an EHV substation near the load centre at Diesel Power House, Sector-26 so that the load can be suitably distributed amongst the existing and proposed grid sub stations. The existing area of Diesel Power House building where the grid sub station is proposed have space constraint to install AIS sub-station, thus Gas Insulated sub station is proposed being a load centre and will reduce dependence on longer 11 kV feeders and heavily loaded existing 66 kV substation located in vicinity i.e Industrial Area Phase-I, BBMB and Sector-18 U.T Chandigarh.

The Petitioner further submits that the proposed 66 kV underground transmission line will provide the required transmission connectivity from the 220/66 kV GIS Grid sub station, Hallo Majra (PGCIL), to the proposed grid sub station at diesel Power House, Sector-26. The scheme will strengthen the intra state transmission network and ensure reliable and uninterrupted power supply to the consumers proposed to be served from the new grid sub station.

The revised capital expenditure w.r.t the scheme submitted by the petitioner is given below:

Table 24: Revised Capex proposed by the Petitioner for the Scheme

(Rs. Cr.)

Sr. No.	Project Name	Year wise Capital Expenditure						
		Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Providing 66 kV underground Transmission line by laying single core 1000 sq. mm. XLPE cable from 220 kV GIS Grid substation, Hallomajra (PGCIL) to 66/11 kV GIS Grid substation, Diesel Power House, Sector-26, Chandigarh	17	22.86	-	-	-	11.43	11.43

Commission's Analysis:

The Commission has considered the revised estimates of the Petitioner for providing 66 kV underground transmission line by laying single core 1000 mm² XLPE cable from 220 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Sector-26, U.T Chandigarh. The Commission is of the view that the proposed 66 kV transmission connectivity is required to energize the 66/11 kV GIS Grid sub station Sector-26. The proposed investment to strengthen the 66 kV intra state transmission network, ensure reliable and uninterrupted

power supply, provide N-1 contingency and improve system reliability and enhance the overall resilience of the 66 kV network is justified.

Accordingly, the proposed CAPEX is approved as detailed below:

Table 25: Capex approved by the Commission for the Scheme

(Rs. Cr.)

Year wise Capital Expenditure							
Sr. No.	Project Name	Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1.	Providing 66 kV underground Transmission line by laying single core 1000 sq. mm. XLPE cable from 220 kV GIS Grid substation, Hallomajra (PGCIL) to 66/11 kV GIS Grid substation, Diesel Power House, Sector-26, Chandigarh	22.86	-	-	-	11.43	11.43

3.13 O&M charges of 66/11 kV G/S/Stn, BBMB, Phase-1, Chandigarh.

Petitioner's Submission:

The petitioner submits that the proposed amount pertains to operation and maintenance (O&M) expenditure relating to the existing transmission assets of BBMB Transmission line and associated facilities. The inclusion of this amount in the below table is only for indicative planning purposes and does not imply capitalization of the expenditure.

The petitioner further submits that, no asset creation or capitalization is proposed against this amount. The expenditure shall be claimed only as part of the Annual Revenue Requirement (ARR) in accordance with the applicable JERC (Multi Year Tariff) Regulations and shall be subject to prudence check by the Hon'ble Commission.

The capital expenditure w.r.t the scheme as proposed by the petitioner is give below:

Table 26: Capex proposed by the Petitioner for the Scheme

(Rs. Cr.)

Year wise Capital Expenditure								
Sr. No.	Project Name	Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	O&M charges of 66/11 kV G/S/Stn, BBMB, Phase-1, Chandigarh.	0.85	0.85	0.15	0.16	0.17	0.18	0.19

Commission's Analysis:

The Commission finds that the petitioner has also submitted O&M Expenses in the instant Business Plan. In fact, as per the regulatory provision as provided in the JERC MYT Tariff Regulations 2024, O&M Expenses are part of Annual Revenue Requirement (ARR). Hence, in the light of the foregoing regulatory provisions, the Commission has taken a considered view not to accord approval to the proposed scheme under the current submission. Accordingly, it is advised that the said expense shall not form part of the Business Plan and can be considered as part of the MYT Transmission Tariff Petition, in accordance with the applicable regulatory provisions.

3.14 O&M charges of 220 kV Ganguwal-Mohali Transmission line and 66 kV bays at 220 Kv G/S/Stn PSTCL, Mohali-1**Petitioner's Submission:**

The petitioner submits that the proposed amount pertains to operation and maintenance (O&M) expenditure relating to the existing transmission assets of 220 kV Ganguwal-Mohali Transmission line and 66 kV bays at 220 Kv G/S/Stn PSTCL, Mohali-1. The inclusion of this amount in the below table is only for indicative planning purposes and does not imply capitalization of the expenditure.

The petitioner further submits that, no asset creation or capitalization is proposed against this amount. The expenditure shall be claimed only as part of the Annual Revenue Requirement (ARR) in accordance with the applicable JERC (Multi Year Tariff) Regulations and shall be subject to prudence check by the Hon'ble Commission.

The capital expenditure w.r.t the scheme as proposed by the petitioner is give below:

Table 27: Capex proposed by the Petitioner for the Scheme

(Rs. Cr.)

Sr. No.	Project Name	Year wise Capital Expenditure						
		Original Submission	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	O&M charges of 220 kV Ganguwal-Mohali Transmission line and 66 kV bays at 220 Kv G/S/Stn PSTCL, Mohali-1	0.99	0.99	0.18	0.19	0.20	0.21	0.21

Commission's Analysis:

The Commission finds that the petitioner has also submitted O&M Expenses in the instant Business Plan. In fact, as per the regulatory provision as provided in the JERC MYT Tariff Regulations 2024, O&M Expenses are part of Annual Revenue Requirement (ARR). Hence, in the light of the foregoing regulatory provisions, the Commission has taken a considered view not to accord approval to the proposed scheme under the current submission. Accordingly, it is advised that the said expense shall not form part of the Business Plan and can be

considered as part of the MYT Transmission Tariff Petition, in accordance with the applicable regulatory provisions.

3.15 Capitalization proposed by STU, Chandigarh

Petitioner's Submission:

The detailed breakup of revised capitalization proposed during the control period FY 2025-26 to FY 2029-30 has been indicated below:

Table 28: Proposed revised Capitalization of the STU for the MYT Control Period

Year wise Capitalization							
Sr. No.	Project Name	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Providing 66 KV underground double CKT Transmission line by laying single core 1000 mm2 XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Raipur Kalan (New) U.T Chandigarh along with associated 2 Nos. 66 KV line bays.	27.78	-	-	5.00	8.00	10.00
2	Replacement/augmentation of 66 KV ACSR conductor from Dhulkote to BBMB, U.T, Chandigarh	20.00	-	-	-	-	10.00
3	Providing 66 KV underground Transmission line by laying single core 1000 mm2 XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station (New) at Sec34, U.T Chandigarh.	27.01	-	-	-	10.00	12.00
4	Construction of 66/11 KV Grid Sub Station (New) at Sector -34, U.T, Chandigarh.	14.00	-	-	-	3.50	6.50

5	Replacement/ augmentation of 2 No. 66/11KV, 10/12.5 MVA power transformer with 20 MVA power transformer along with allied material like C&R Panel, 11 KV breakers, control cables & CT/PT at 66/11 KV G/S/Stn, BBMB, Phase-I, Chandigarh.	28.00	-	-	5.00	10.00	9.00
6	Providing 66 KV underground Transmission line by laying single core 1000 mm ² XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Sector-17, U.T Chandigarh.	34.00	-	-	-	12.50	11.00
7	Providing 66 KV underground Transmission line by laying single core 1000 mm ² XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV Grid Sub Station Sector-47, U.T Chd.	18.66	-	-	-	6.50	8.00
8	Construction of 66/11 KV GIS Sub Station at Diesel Power House, Sector -26, U.T, Chandigarh.	28.73	-	-	-	11.50	12.00
9	Providing 66 KV underground Transmission line by laying single core 1000 mm ² XLPE cable from 220/66 KV Gas Insulated Substation (GIS) Hallomajra to 66/11 KV GIS Grid Sub Station, Diesel Power House, Sector-26, U.T Chandigarh.	22.86	-	-	-	8.00	11.00
	Total	221.04	0.00	0.00	10.00	70.00	89.50

The summary of year wise capitalization is as under:-

Table 29: Summary of Year Wise Capitalization Plan (In Rs. Crores)

Year wise Capitalization							
Sr. No.	Project Name	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Capitalization	221.04	0.00	0.00	10.00	70.00	89.50
	Total	221.04	0.00	0.00	10.00	70.00	89.50

The balance ($221.04 - 169.50 = \text{Rs.}51.54$ crore) capitalization will be made in the upcoming financial years.

Commission's Analysis:

The Commission has observed that the Scheme no. 10 & 11 are O&M Charges for Grid Substations which will be part of MYT Transmission Tariff Petition and is not part of Business Plan.

Accordingly, the Commission has approved the below capitalization plan for 4th MYT Control Period and the same will be subject to Truing-up. The details of approved capitalization are given in the table below:

Table 30: Summary of Year Wise Capitalization Plan approved by the Commission

(Rs. Cr.)

Year wise Capitalization							
Sr. No.	Project Name	Revised Project Cost	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Capitalization	221.04	0.00	0.00	10.00	70.00	89.50
	Total	221.04	0.00	0.00	10.00	70.00	89.50

3.16 Consolidated Capital Expenditure & Capatalisation for the Control Period

Based on the component-wise approval in aforesaid paragraphs of this Chapter, the Commission has approved overall consolidated CAPEX for the Control Period as per table below:

Table 31: Consolidated Capex approved by the Commission for the Schemes

(Rs. Cr.)

S r. N o.	Particular s	FY 2025-26			FY 2026-27			FY 2027-28			FY 2028-29			FY 2029-30		
		Petitio ner origin al Submi ssion	Petitio ner revise d submi ssion	Appro ved by Commi ssion	Petitio ner origin al Submi ssion	Petitio ner revise d submi ssion	Appro ved by Commi ssion	Petitio ner origin al Submi ssion	Petitio ner revise d submi ssion	Appro ved by Commi ssion	Petitio ner origin al Submi ssion	Petitio ner revise d submi ssion	Appro ved by Commi ssion	Petitio ner origin al Submi ssion	Petitio ner revise d submi ssion	Appro ved by Commi ssion
1	Capital Expendi ture	0.33	0.33	0.00	10.35	28.13	27.78	34.37	51.38	51.01	60.39	117.2 1	116.82	52.90	25.83	25.43
2	Capitali zation	0.00	0.00	0.00	5.00	0.00	0.00	22.00	10.00	10.00	34.00	70.00	70.00	55.00	89.50	89.50

The above projects cost is on estimated basis and the final cost shall be determined through competitive bidding process. The Commission further clarifies that the approval accorded in the present order is subject to prudence check during the true-up of the respective financial year in accordance with Regulation 8.6 of the Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2024. Wherever applicable, the schemes shall conform to JERC Regulations as amended from time to time. The said approval of the Commission is subject to the following conditions:

- If any part of the schemes shall be funded through Budget/grant received from Govt./any other agency it would be treated in accordance with the MYT Regulations.
- The Petitioner shall seek the revised approval of the commission, if actual cost is discovered to be in excess of the approved cost of the schemes along with reason.
- All works shall be carried out in compliance with the Standards/Rules/Regulations/Acts. Further, the works shall be executed by adopting best industries practices duly keeping in view the aesthetics in case of all overhead works.
- The Petitioner shall also submit the completion report indicating the actual cost incurred in the implementation of the schemes. The final cost and quantity will be subject to verification by way of prudence check/truing up at the time of final approval/capitalization.
- The Petitioner shall submit the Electrical inspector's certificate/Report after compliance with the objection/suggestions, wherever applicable. The works shall be commissioned only after obtaining the requisite statutory certificates, including Electrical Inspector Certificate.
- The Statutory Auditor's certificate for the full and final actual cost disbursed for execution of work.
- The decapitalization details as proposed in line with the applicable Regulations.

3.17 Funding Plan for proposed Capex

Petitioner's Submission

The funding of the capital expenditure schemes as detailed above shall be done through own funds and by availing loans. The debt equity ratio of 70:30 shall be considered for financing the capital expenditure schemes.

Table 32: Revised funding Plan for the Control Period FY 2025-26 to FY 2029-30

(Rs. Cr.)

Funding Plan						
Sr. No.	Source of Funds	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
A	Total Capitalisation	0.00	0.00	10.00	70.00	89.50
B	Debt %	70%	70%	70%	70%	70%
C	Equity %	30%	30%	30%	30%	30%
D	Normative debt	0.00	0.00	7.00	49.00	62.25
E	Equity	0.00	0.00	3.00	21.00	26.85

Note:

The Power System Development Fund (PSDF) is a critical financial mechanism in India designed to strengthen the nation's power grid infrastructure, enhance security, and relieve transmission congestion. It provides grants to state-owned utilities for a range of eligible projects.

After approval of Schemes from the competent authority of Chandigarh Administration, the case may be forwarded to the Nodal Agency – National Despatch Centre (NLDC) for approval of maximum possible grant from the PSDF fund.

Commission's Analysis:

On the basis of the detailed analysis of the cost parameters of the CAPEX, as shown above, the Petitioner can only consider equity up to 30% of the capital cost and the balance in excess of 30% shall be treated as normative debt as per provision 27.2 of the JERC MYT Regulations:

“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”

Based on the analysis of proposed funding for each of the schemes and the MYT Regulations stated above, the approved funding plan is given in the table below:

Table 33: Approved Funding Plan for Control Period FY 2025-26 to FY 2029-30

(Rs. Cr.)

Funding Plan						
Sr. No.	Source of Funds	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
A	Total Capitalisation (In Rs. Cr.)	0.00	0.00	10.00	70.00	89.50
B	Debt %	70%	70%	70%	70%	70%
C	Equity %	30%	30%	30%	30%	30%
D	Normative debt (In Rs. Cr.) (B*A)	0.00	0.00	7.00	49.00	62.65
E	Equity (In Rs. Cr.) (C*A)	0.00	0.00	3.00	21.00	26.85

Chapter 4. Performance Parameters for Control Period

4.1 Background

The determination of Performance Parameters have been done in accordance with the Joint Electricity Regulatory Commission for the State of Goa and Union territories (generation, transmission and distribution Multiyear tariff) Regulations, 2024.

4.2 Proposed Capacity Addition for MYT Control Period

Petitioner's Submission:

The Petitioner has projected the cumulative capacity addition to the tune of 60 MVA during the MYT Control Period. Capacity Addition proposed during each year of the Control Period is tabulated as under:

Table 34: Proposed Capacity Addition during the MYT Control Period(In MVA)

Proposed Capacity Addition						
Sr. No.	Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Capacity Addition	-	-	12.5	20	27.5

Commission's Analysis:

The Commission observes that the Petitioner has projected cumulative capacity addition to the tune of 60 MVA during the Control Period, however, there does not seem to have any consultation amongst the stakeholders/users.

The Commission has accorded the approval of the CAPEX as submitted by Petitioner subject to Truing-up and other relevant provision of MYT regulations, 2024.

The following table provides the capacity addition as approved by the Commission:

Table 35: Capacity Addition approved by Commission (In MVA)

Proposed Capacity Addition						
Sr. No.	Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
1	Capacity Addition	-	-	12.5	20	27.5

4.3 Manpower Planning for Control Period

Petitioner's Submission:

The STU is notified on dt-31.01.2025 and 15 No. of employees of various categories are retained from EWEDC to handle the day-to-day activities of STU, but only 13 No. employees are presently working in STU.

Due to privatization process four number trusts are formed for disbursing the terminal benefits to the employees transferred to the CPDL. The Superintending engineer-cum-STU is a member convenor of these trusts and responsible to maintain the trust accounts in all respects. Therefore, some additional manpower is needed to maintain these trusts.

However, projection of manpower is based on the proposed recalling/recruitments and retirement. Projection of manpower for the control period is as under:-

Table 36: Projections of No. of Employees during the MYT Control Period

Particulars	Year Wise				
	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
Total Opening Strength		Projections of Manpower (New Posts/ Retirement) for STU and Trust(s) shall be submitted to Hon'ble Commission subsequently.			
a. STU	15				
b. Trust	0				
Total	15				

Commission's Analysis:

The Commission observed that the employee cost shall be a component of future STU charges, accordingly, the Commission provisionally approves the existing Manpower plan as submitted by the Petitioner for the Control Period.

Further, the Commission directs the Petitioner to prepare and file the man power requirement along with the MYT Tariff petition.

4.4 Capacity Building plan for Control Period

Petitioner's Submission:

The STU Chandigarh comes in existence as on 31.01.2025 by retaining only 15 Nos. employees of various categories. However, more staff is required to handle day-to-day functions of emerging STU.

It is to mention here that all the employees were working in the distribution network before privatization, therefore, the training is necessary to all the employees of STU Chandigarh at various outstation institutions (like-NRLDC, NPTI etc.) for smooth functioning of the STU Chandigarh. According, proposed training / capacity building for employees of STU Chandigarh during the MYT Control Period FY 2025-26 to FY 2029-30 is as under:

Table 37: Proposed Capacity Building Plan during the MYT Control Period

Sr. No.	Module	No. of employees	Training Period	Training Institutions	Remarks
1.	System Planning / Construction of projects/ Regulatory & Commercial Training	15	At least four weeks training in a financial year by each employee.	Outstation institutions	The training period may be increased

The details of number of employees for capacity building for MYT control period is as tabulated below:

Table 38: Proposed Capacity Building plan for the MYT Control Period

		(No of Employees)					
		Proposed Capacity Building					
Sr. No.	Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30	
1.	Capacity Building	15	Projection of manpower w.r.t. Capacity Building shall be submitted to Hon'ble Commission subsequently.				

Commission's Analysis:

The Commission agrees that training is essential for upgradation of skills of officers and staff to keep pace with latest technological development. Accordingly, the Commission provisionally approves the proposed Capacity Building plan as submitted by the Petitioner for the Control Period.

Further, the Commission directs the Petitioner to submit the Capacity Building plan along with the MYT Tariff petition.

4.5 Transmission Loss Trajectory

Petitioner's Submission:

The projected transmission loss trajectory for the MYT Control Period FY 2025-26 to FY 2029-30 is provided in the table given below:

Table 39: Proposed Transmission Loss Trajectory

Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
	Projected	Projected	Projected	Projected	Projected
Transmission Loss	5.80%	5.80%	5.60%	5.40%	5.20%

Commission's Analysis:

The Commission observed that STU has not provided any analysis of historical trend of transmission losses and/or the assumption or basis for proposing such loss trajectory for FY 25-26 to FY 29-30. Further, it may be noted that all assets in Chandigarh have been transferred to CPDL as part of 'Distribution System' as per transfer scheme.

Accordingly, the Commission is not inclined to approve the loss trajectory as availability of data pertaining to losses in the shared and transmission network not transferred to distribution licensee as per transfer scheme until the availability of new transmission system network for STU is made.

4.6 Transmission System Availability

Petitioner's Submission:

The projected Transmission System Availability for the MYT Control Period FY 2025-26 to FY 2029-30 is provided in the table given below:

Table 40: Transmission System Availability as proposed by petitioner

Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
	Projected	Projected	Projected	Projected	Projected
Proposed Transmission System Availability	94.20%	94.20%	94.40%	94.60%	94.80%

Commission's Analysis:

The Commission observed that STU has submitted the transmission system availability of 94.20% to 94.80% for the control period from FY 2025-26 to FY 2029-30, which is neither supported by any logic nor computation.

Further, the clause 53.1 of Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2024 provides as follows:

“53.1 The norms of operations for a Transmission Licensee shall be applicable as specified below:

(A) Normative Annual Transmission System Availability Factor (NATAF):

(a) For recovery of Annual Fixed Cost, NATAF shall be 98% for AC Transmission system;

*(b) For Incentive, NATAF for AC Transmission system shall be 98.50%;
Provided that no Incentive shall be payable for availability beyond 99.75%;
.....”*

Accordingly, the Transmission System availability for all lines maintained/constructed by STU during the MYT control period FY 2025-26 to FY 2029-30 as approved by the Commission shall be as under:

Table 41: Transmission System Availability as approved by Commission

Particulars	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30
	Projected	Projected	Projected	Projected	Projected
Proposed Transmission System Availability	98.00%	98.00%	98.00%	98.00%	98.00%

Annexure 1: List of Stakeholders who attended the public hearing**Table 42: List of Stakeholders**

Sr. No.	Name of Person (Mr./Ms.)
1	Ajit Singh Gulati
2	Arun Verma
3	Ashok Kumar
4	Ashwini Verma
5	Brajesh Kumar Singh
6	Dinesh Gupta
7	Er. Harpreet Singh
8	Gopal Dutt Joshi
9	Komal
10	Mangat Rai
11	Mohammad Shahnaz Gorsî
12	Naveen Manglani - Chamber of Chandigarh Industries
13	Neeraj Chandna
14	Nitish Aggarwal
15	Raghubir Goyal
16	Rakesh Aggarwal
17	Raman Kumar
18	Ramesh Sharma
19	Sahil Kumar
20	Sanjeev Chadha
21	Satya dev
22	Shalu Jangra
23	S.K. Nayar
24	Sucha Singh
25	Vijay
26	Narinder Sharma
27	Neha Khandelwal
28	Neelam Kumari
29	Er. Mahipal
30	Tejpal Singh
31	Virender
32	Vivek Sharma