THE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION

LUCKNOW

Petition No. 2383 of 2026

QUORUM

Hon'ble Shri Arvind Kumar, Chairman

Hon'ble Shri Sanjay Kumar Singh, Member

Hon'ble Shri Griesh Kumar Vaish, Member (Law)

IN THE MATTER OF

Approval for implementation of 24 nos. Transmission scheme of which 10 nos. in Deposit, 12 nos. in RTM and 02 nos. in TBCB considered in TWC of 2nd, 3rd & 4th Quarter in FY 2025-26 with an estimated cost of Rs. 4,239.50 Crore of which Rs. 1,888.08 Crore in RTM mode in terms of Regulation 27.3 of Uttar Pradesh Electricity Regulatory Commission (Multi-Year Tariff for Transmission) Regulations, 2025.

AND

IN THE MATTER OF

Uttar Pradesh Power Transmission Corporation Limited

Through its Director, Having its registered office at: Shakti Bhawan,

14- Ashok Marg, Lucknow, Uttar Pradesh-226001 ..... **Petitioner**

THE FOLLOWING WAS PRESENT

1. Sh. Rajesh Kumar, Director, UPPTCL
2. Sh. Satyedra Kumar, CE, UPPTCL
3. Sh. Deepak Gupta, EE, UPPTCL
4. Sh. Saurabh Yadav, AE, UPPTCL

ORDER

(DATE OF HEARING: 28.07.2026)

1. The instant Petition has been filed by UPPTCL seeking approval for the capital expenditure of twenty-four (24) transmission schemes that are above 20 Crore. These schemes comprise of ten schemes under the Deposit mode, twelve under the RTM, and two under the TBCB mode, which were considered in the Transmission Works Committee (TWC) meeting held during the second, third and fourth quarter of FY 2025-26. The total estimated cost of these schemes is Rs. 4,239.50 Crore, out of which Rs. 1,888.08 Crore pertains to the RTM mode, in accordance with Regulation 27.3 of the UPERC (Multi-Year Tariff for Distribution and Transmission) Regulations, 2025 and its amendments. The prayers of the Petitioner are as follows:

   (a) Approve the Capital Investment of Rs 1,888.08 Cr. in RTM mode, as part of investment plan for FY 2025-26 (for projects above Rs. 20 Cr.), considered by Transmission Work Committee meetings held in 2nd, 3rd & 4th Quarter of FY 2025-26.

   (b) Allow the Petitioner to add/change/alter/modify this application at a future date.

   (c) Issue any other relief, order or direction which the Hon'ble Commission may deem fit.

Brief Submissions of the Petitioner

2. The Petitioner submitted that the Commission has notified the Uttar Pradesh Electricity Regulatory Commission (Multi Year Tariff for Transmission) Regulations, 2025 and its amendment thereof. The Regulation 27.3 of the said Regulations provides that the Transmission Licensee is required to undertake prior approval of the Commission on quarterly basis for all capital expenditure projects of 220kV & above and other capital expenditure of value exceeding Rs. 20 Cr.

3. The Petitioner has submitted its Capital Expenditure from Q2 to Q4 of FY 2025-26, wherein a total capital investment of Rs. 4,728.13 Crore has been proposed. The summary of the proposed capital expenditure is shown in the Table below:

S. No.	Capex	Proposed/ Considered Expenditure in 2nd, 3rd & 4th Qtr. of FY 2025-26 (in Rs. Cr.)
1	New Projects	1,712.23
2	Augmentation/ System Strengthening	545.06
3	Deposit Works	986.78
4	TBCB	1,483.56*
	Total	**4,728.13**

Revised Cost of TBCB Schemes (including adjustment towards revised RoW Compensation and Contingency Provisions)

4. The Petitioner has submitted that during FY 2025-26 from 01.07.2025 to 31.03.2026, seven (07) meetings of TWC had been conducted wherein the transmission works, as per requirement of the Intra-State transmission network, had been approved, as shown in the Table below:

TWC	Approved Works	Amount (In Rs. Cr.)
2nd TWC Dated 21.07.2025 3rd TWC Dated 18.09.2025 4th TWC Dated 29.09.2025 5th TWC Dated 19.11.2025 6th TWC Dated 12.12.2025 7th TWC Dated 22.01.2026 8th TWC Dated 24.03.2026	New works	1,712.23
	System strengthening & Augmentation	545.06
	Deposit works	986.78
	TBCB Works	1,483.56*
	Total	**4,728.13**

Revised Cost for TBCB claimed including the change due to revised ROW compensation and contingency provisions.

5. The Petitioner has provided the details of the projects approved above Rs. 20 Crore, in RTM mode, as shown in the Table below:

S. No.	Name of Element	Cost (Rs. in Cr.)	Approvals			
			TWC (with Date)	Board of Directors	Appraisal Committee	ETF & CEA
1	132/33 kV 2x40 MVA Unchahar (Raebareli) S/s and Associated Lines.	65.04	3rd FY 25-26 Dt. 18.09.2025	Meeting Dt. 06.10.2025 21.04.2026	Meeting Dt. 13.04.2026 Minutes-II Dt. 11.05.2026	Meeting Dt. 27.04.2026 Minutes Dt. 05.05.2026
2	Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) S/s from 4x63 to 2x100+2x63 MVA.	22.83				-
3	Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) from 3x160 to 4x160 MVA.	24.69				-
4	Capacity Augmentation at	32.31				-

S. No.	Name of Element	Cost (Rs. in Cr.)	Approvals			
			TWC (with Date)	Board of Directors	Appraisal Committee	ETF & CEA
	400/220/132/33 KV Noida Sector-148 (Gautam Buddh Nagar) Sub-station from 2x160 MVA to 3x160 MVA.					
5	LILO of 220 kV Vrindavan (220)-Chhata (220) Line at 400 kV S/s Mant (Mathura) and Other Associated works.	32.23				-
6	132/33 kV 2x63 MVA AIS suzru (Muzaffarnagar City) S/s and Associated Lines.	78.82	4th FY 25-26 Dt. 29.09.2025	Meeting Dt. 06.10.2025 21.04.2026	Meeting Dt. 13.04.2026 Minutes-I Dt. 21.04.2026	Meeting Dt. 27.04.2026 Minutes Dt. 05.05.2026
7	Capacity Augmentation at 400/220 kV Agra S/s from 2x500+1x315 MVA to 3x500 MVA.	46.48	5th FY 25-26 Dt. 19.11.2025	Meeting Dt. 29.01.2026 21.04.2026	Meeting Dt. 13.04.2026 Minutes-II Dt. 11.05.2026	-
8	Replacement of 63 MVAR Bus Reactor with 125 MVAR Bus Reactor at 400/220/132 kV Orai S/s.	22.83				-
9	Up-gradation of 132/33 kV (1x63+2x40) MVA Salempur (Deoria) to 220 kV Voltage (GIS) 2x160 MVA and Associated Lines.	129.06	6th FY 25-26 Dt. 12.12.2025	Meeting Dt. 29.01.2026 21.04.2026	Meeting Dt. 13.04.2026 Minutes-I Dt. 21.04.2026	Meeting Dt. 27.04.2026 Minutes Dt. 05.05.2026
10	132/33 kV 2x40 MVA Narayanpur (Deoria) S/s and Associated Line and Bay.	54.75				
11	132/33 kV 2x40 MVA Jhansi-II S/s and Associated Lines.	63.13	7th FY 25-26 Dt. 22.01.2026	Meeting Dt. 22.01.2026 21.04.2026		
12	765/400 kV 4x1500 MVA AIS Mirzapur Pooling S/s and Associated Bays *(CEA Minutes Dt. 19.09.2025)*.	1,315.91	8th FY 25-26 Dt. 24.03.2026	Meeting Dt. 25.03.2026 21.04.2026		
Total (RTM)		**1,888.08**				

6. The Petitioner has provided the details of the schemes (for projects above Rs.

20 Cr.) approved in the TWC, under TBCB mode as shown in the Table below:

S. No.	Name of Element	Cost (Rs. in Cr.)	Approvals			
			TWC (with Date)	Board of Directors	Appraisal Committee	ETF & CEA
1	765 kV Bara-Mirzapur Pooling S/s DC Line- 107 km *(CEA Minutes Dt. 19.09.2025)*	942.51	8th FY 25-26 Dt. 24.03.2026	Meeting Dt. 25.03.2026 21.04.2026	Meeting Dt. 13.04.2026 Minutes-I Dt. 21.04.2026	Meeting Dt. 27.04.2026 Minutes Dt. 05.05.2026
2	400 kV Mirzapur Pooling S/s (765)-Mirzapur Thermal Energy (Quad Moose) DC Line- 18.5 km *(CEA Minutes Dt. 19.09.2025)*	141.13				
	400 kV Mirzapur Pooling S/s (765)-Sahupuri (Quad Moose) DC Line- 68 km *(CEA Minutes Dt. 19.09.2025)*	399.92				
Total (TBCB)		**1483.56**				

7. The details of schemes (for projects above Rs. 20 Cr.) approved in these TWCs under deposit head are shown in the Table below:

S. No.	Name of Element	Cost (Rs. in Cr.)	Approvals	
			TWC (with Date)	Board of Directors
1	132/33 kV 2x40 MVA Murtazanagar (Unnao) S/s and Associated Line.	65.61	2nd FY 25-26 Dt. 21.07.2025	Meeting Dt. 17.06.2025
2	400 kV GIS Switching S/s and Associated Line for providing connection to M/s Hindalco.	272.69	3rd FY 25-26 Dt. 18.09.2025	Meeting Dt. 06.10.2025
3	132 kV Bahraich (220)- Matera TSS SC Line and Strengthening of 132 kV Main Bus and 132 kV 'Bay' at 220 kV Bahraich S/s for Matera Railway TSS.	31.60		
4	132 kV Agra South (400)- TSS Bhandai 3-Phase DC Line and 02 numbers of 132 kV Bay.	30.65		
5	132 kV 3-Phase DC Line and Bay from the 132 kV Mankapur S/s to Supply Power to Maskanwa TSS.	20.73	6th FY 25-26 Dt. 12.12.2025	Meeting Dt. 29.01.2026
6	220/33 kV 4x60 MVA Saraswati Hi-Tech City (Prayagraj) GIS S/s and Associated Lines.	238.69	7th FY 25-26 Dt. 22.01.2026	Meeting Dt. 22.01.2026
7	220 kV SC Line and Bay from 400/220 kV Metro Depot S/s to meet 141 MVA Load of M/s Avaada Electron Ltd.	84.19		
8	220 kV SC Line and 'Bay' from 765/400/220 kV Jahangirpur (WUPPTCL) Greater Noida S/s to meet 160 MVA Load of M/s SAEL Industrial Ltd.	45.29		
9	220 kV SC Line and Bay from 765/400/220 kV Jahangirpur (WUPPTCL) Greater Noida S/s to meet 47 MVA Load of M/s CESC Green Power Ltd.	51.17		
10	132 kV 3-Phase DC Line and Bay from 220/132 kV Kirawali S/s to provide power supply to Farah TSS.	27.24		
Total (Deposit)		**867.86**		

8. The Petitioner submitted that in the Appraisal Committee meeting held on 13.04.2026, the project cost estimates earlier approved by the TWC and the Board of Directors (BoD) were revised considering changes in amended Right of Way (RoW) compensation rates approved by Government of Uttar Pradesh (GoUP) vide G.O. No. 226/24-पी-3-2026, ऊर्जा अनुभाग-3, dated 18.05.2026 and the revised contingency charges as per the new guidelines determined by the Project Formulation and Appraisal Division (PFAD), GoUP.

9. The Petitioner further submitted that the revised RoW compensation rates are expected to change/increase the actual cost of execution of the Deposit Schemes. Accordingly, the Petitioner requested the Commission to approve the Deposit Schemes with suitable provision for accommodating the increase in project cost arising on account of such policy changes at the time of execution, as the additional expenditure would be prudent, unavoidable, and beyond the control of the Petitioner.

10. The Petitioner submitted that, as per the revised RoW compensation, the compensation payable for acquisition of transmission line corridors has been linked to the reference market value of the land and varies depending upon the nature of land utilization. The applicable compensation rate for the tower base area is provided in the Table below:

S. No.	Component	Applicability	Compensation Rate
1	Tower Base Area	Area enclosed by the outer legs of the tower foundation, including an additional 1-metre margin	200% of the reference market value of land

11. The Petitioner further submitted that compensation for the transmission corridor is payable at the rate of 30% of the reference market value of land in rural areas, 45% in Municipalities and Nagar Panchayats, and 60% in Municipal Corporations and Metropolitan Areas. According to the Petitioner, implementation of the revised RoW compensation framework is expected to increase the cost of development of transmission projects and necessitate corresponding revisions in project cost estimates.

S. No.	Land/Area Category	Compensation Rate
1	Rural Areas	30% of the reference market value of land
2	Municipalities & Nagar Panchayats	45% of the reference market value of land
3	Municipal Corporations & Metropolitan Areas	60% of the reference market value of land

12. The Petitioner also submitted that PFAD, vide order dated 13.02.2026, has prescribed revised norms regarding admissibility of contingency expenditure, as detailed in the Table below:

S. No.	Project Cost	Contingency Expenditure
1	Up to Rs. 25 Crore	1.00% of the project cost
2	Above Rs. 25 Crore and up to Rs. 50 Crore	0.50% of the project cost
3	Above Rs. 50 Crore and up to Rs. 100 Crore	0.25% of the project cost
4	Above Rs. 100 Crore	Maximum Rs. 50 lakh

13. The Commission scrutinized the Petition and observed certain data gaps requiring further clarification. Accordingly, queries were communicated to the Petitioner vide letter dated 29.05.2026. In response, the Petitioner furnished its submissions vide letter dated 05.06.2026. The details of the queries raised by the Commission and the responses submitted by the Petitioner are summarized below:

A. General

Query No.1: The provisions of the UPERC MYT Transmission Regulations, 2025 and amendments thereof mandate prior approval of Capital Expenditure (Capex) plans. However, the Petitioner had sought approval of Capex pertaining to the 2nd, 3rd and 4th quarters of FY 2025-26 through the instant Petition. Accordingly, the Petitioner was directed to furnish reasons for the delay in submission of the Capex approval proposal and explain the non-adherence to the requirement of obtaining timely prior approval under the applicable Regulations.

Response submitted by Petitioner: The Petitioner submitted that the schemes proposed in the instant Petition were considered by the Appraisal Committee in its meeting held on 13.04.2026. The minutes of the Appraisal Committee were issued in two parts, namely on 21.04.2026 and 11.05.2026. Subsequently, the Petitioner filed the instant investment approval Petition vide letter dated 13.05.2026. The Petitioner submitted that the Petition was filed immediately after completion of the requisite approval process and, therefore, adhering to the requirement of timely submission as per the directions issued by the Commission.The Petitioner has furnished the approval timeline of the schemes under RTM mode, as shown in the Table below:

S. No.	Name of Element	Cost (Rs. in Cr.)	Approvals			
			TWC (with Date)	Board of Directors	Appraisal Committee	ETF
1	132/33 kV 2x40 MVA Unchahar (Raebareli) S/s and Associated Lines	65.04	3rd FY 25-26 Dt. 18.09.2025	Minutes Dt. 06.10.2025	Minutes-I Dt. 13.04.2026	Minutes Dt. 27.04.2026
2	Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) S/s from 4x63 to 2x100+2x63 MVA	22.83	3rd FY 25-26 Dt. 18.09.2025	Minutes Dt. 06.10.2025	Minutes-II Dt. 13.04.2026	-
3	Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) from 3x160 to 4x160 MVA	24.69	3rd FY 25-26 Dt. 18.09.2025	Minutes Dt. 06.10.2025	Minutes-II Dt. 13.04.2026	-
4	Capacity Augmentation at 400/220/132/33 KV Noida Sector-148 (Gautam Buddh Nagar) Sub-station from 2x160 MVA to 3x160 MVA	32.31	3rd FY 25-26 Dt. 18.09.2025	Minutes Dt. 06.10.2025	Minutes-II Dt. 13.04.2026	-
5	LILO of 220 kV Vrindavan (220)- Chhata (220) Line at 400 kV S/s Mant (Mathura) and Other Associated works	32.23	3rd FY 25-26 Dt. 18.09.2025	Minutes Dt. 06.10.2025	Minutes-II Dt. 13.04.2026	-
6	132/33 kV 2x63 MVA AIS Suzru (Muzaffarnagar City) S/s and Associated Lines	78.82	4th FY 25-26 Dt. 29.09.2025	Minutes Dt. 06.10.2025	Minutes-I Dt. 13.04.2026	Minutes Dt. 27.04.2026
7	Capacity Augmentation at 400/220 kV Agra S/s from 2x500+1x315 MVA to 3x500 MVA	46.48	5th FY 25-26 Dt. 19.11.2025	Minutes Dt. 29.01.2026	Minutes-II Dt. 13.04.2026	-
8	Replacement of 63 MVAR Bus Reactor with 125 MVAR Bus Reactor at 400/220/132 kV Orai S/s	22.83	5th FY 25-26 Dt. 19.11.2025	Minutes Dt. 29.01.2026	Minutes-II Dt. 13.04.2026	-
9	Up-gradation of 132/33 kV (1x63+2x40) MVA Salempur (Deoria) to 220 kV Voltage (GIS) 2x160 MVA and Associated Lines	129.06	6th FY 25-26 Dt. 12.12.2025	Minutes Dt. 29.01.2026	Minutes-I Dt. 13.04.2026	Minutes Dt. 27.04.2026
10	132/33 kV 2x40 MVA Narayanpur (Deoria) S/s and Associated Line and Bay	54.75	6th FY 25-26 Dt. 12.12.2025	Minutes Dt. 29.01.2026	Minutes-I Dt. 13.04.2026	Minutes Dt. 27.04.2026
11	132/33 kV 2x40 MVA Jhansi-II S/s and Associated Lines	63.13	7th FY 25-26 Dt. 22.01.2026	Minutes Dt. 22.01.2026	Minutes-I Dt. 13.04.2026	Minutes Dt. 27.04.2026
12	765/400 kV 4x1500 MVA AIS Mirzapur Pooling S/s and Associated Bays	1,315.91	8th FY 25-26 Dt. 24.03.2026	Minutes Dt. 25.03.2026	Minutes-I Dt. 13.04.2026	Minutes Dt. 27.04.2026
Total (RTM)		**1,888.08**				

Query No.2: It was observed that under paragraph 1.2.1 of the instant Petition, the Petitioner has referred to the MYT for Transmission and

Distribution Regulations, 2019. However, approval of the present schemes shall be governed by the provisions of the MYT Transmission Regulations 2025 and amendment thereof. Accordingly, the Petitioner was directed to rectify the discrepancy.

Response submitted by Petitioner: The Petitioner submitted that reference to the MYT for Transmission and Distribution Regulations, 2019 under Paragraph 1.2.1 of the Petition was due to an inadvertent error. The Petitioner submitted that the provisions of the UPERC MYT Transmission Regulations, 2025 are applicable to the present Petition and requested the Commission to consider the correct regulations on record and read paragraph 1.2.1 as incorporating the *MYT Transmission Regulations, 2025* instead of the *MYT Regulations, 2019*.

Query No.3: The Petitioner, under paragraph 2.2, had provided the detailed break-up of Capital Expenditure (Capex) for FY 2025-26 amounting to Rs. 5,299.01 Crore. However, in the ARR for FY 2025-26, the Petitioner had considered Capex of Rs. 4,264.18 Crore. Further, during APR of FY 2025-26, the Petitioner had considered Capex of Rs. 4,795.07 Crore. Accordingly, the Petitioner was directed to explain the variation among these figures.

Response submitted by Petitioner: The Petitioner submitted that the actual Capex for FY 2025-26 is Rs. 5,299.01 Crore and the same was approved by TWC and BoD of the Petitioner. Whereas the Capex considered by the petitioner in ARR of FY 2025-26 was Rs. 4,264.18 Crore and APR of FY 2025-26 was Rs. 4,7956.07 Crore, respectively.

The Petitioner submitted that in Petition no. 2166 of 2024 for ARR of FY 2025-26, the Capex considered was the estimated Budget, based upon the expected expenditure to be made towards the ongoing projects or schemes and those towards the new projects to be under taken during the respective financial year. Further the Deposit portion of Capex was considered same as the actual addition during the FY 2023-24 (True-up) as summarized below:

Particular	Capex (Rs in Cr)
UPPTCL(RTM)	1,743.89
GEC-II	1,896.29
Deposit	624
Total	**4,264.18**

The Petitioner further submitted that in Petition No. 2320 of 2025 (APR for FY 2025-26), the Capex of Rs. 4,795.07 Crore was estimated based on the expected expenditure on ongoing and proposed schemes, while the Deposit Works component was considered on the basis of actual addition during the True-up of FY 2024-25, as summarized below:

Particular	Capex (Rs in Cr)
UPPTCL(RTM)	1,859.05
GEC-II	1,896.29
Deposit	1,039.73
Total	**4,795.07**

B. RTM Schemes

Scheme 2: Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) S/s from 4x63 to 2x100+2x63 MVA.

Query No. 4: With respect to above scheme the Petitioner had proposed capacity augmentation at the 220/132/33 kV Noida Sector-20 substation from 4×63 MVA to 2×100 + 2×63 MVA, citing future load growth and compliance with N-1 reliability criteria. In this regard, it was observed that the proposed capacity augmentation appears to have been assessed based on existing/near-term loading conditions. The existing installed capacity of the substation was 252 MVA, which was proposed to be enhanced to 326 MVA. The peak load intimated was 215 MVA. However, considering that the load was expected to increase in future and by the time of implementation of the proposed augmentation, the augmented system may not remain compliant with the N-1 reliability criteria. Accordingly, the Petitioner was directed to clarify and substantiate whether the proposed configuration would continue to satisfy the N-1 reliability criteria under projected future load scenarios, along with supporting load projections and assumptions.

Response submitted by Petitioner: The Petitioner submitted that the proposed augmentation of transformation capacity at 220/132/33 kV Noida Sector-20 Substation had been planned considering the prevailing loading pattern, projected load growth, and network requirements in the area. The Petitioner submitted that the maximum load recorded at the substation was 160 MVA on 24.05.2026 at 22:29 hours against the existing installed capacity of 252 MVA (4×63 MVA).

The Petitioner further submitted that the 132/33 kV Noida Sector-115 Substation (2×63 MVA), presently under construction and expected to be commissioned by 30.06.2026, shall cater to a portion of the load presently being served from Noida Sector-20, thereby relieving loading on the existing transformers.

The Petitioner also submitted that the area is supported by nearby substations, namely 132/33 kV Noida Sector-63, Sector-66 and Sector-67, which provide operational flexibility for load sharing and contingency management.

Accordingly, the Petitioner submitted that the proposed augmentation from 252 MVA to 326 MVA (2×100 MVA + 2×63 MVA), together with the commissioning of Noida Sector-115 Substation and availability of adjacent substations for load transfer, shall be adequate to meet the projected demand growth and maintain compliance with the N-1 reliability criterion during the planning horizon.

Scheme 3:- Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) from 3x160 to 4x160 MVA.

Query No. 5: With respect to above scheme the Petitioner had proposed capacity augmentation at the 220/132/33 kV Noida Sector-20 substation from 3×160 MVA to 4×160 MVA, citing future load growth and compliance with N-1 reliability criteria. In this regard, it was observed that the proposed capacity augmentation appears to have been assessed based on existing/near-term loading conditions. The existing installed capacity of the substation was 480 MVA, which was proposed to be enhanced to 640 MVA. The existing connected load and peak load intimated are 693 MVA and 420 MVA. However, considering the high level of connected load, anticipated future demand growth, it was apprehended that by the time of commissioning, the augmented system may not remain compliant with the N-1 reliability criteria. Accordingly, the Petitioner was directed to clarify and substantiate whether the proposed configuration would continue to satisfy the N-1 reliability criteria under projected future load scenarios, along with supporting load projections and assumptions.

Response submitted by Petitioner: The Petitioner submitted that the proposed augmentation of transformation capacity at 220/132/33 kV Noida Sector-20 Substation from 3×160 MVA to 4×160 MVA had been planned considering the prevailing loading pattern, anticipated load growth, and

network requirements in the area. It was submitted that the 132/33 kV Noida Sector-62 Substation, which was earlier being fed from 220/132 kV Noida Sector-20 Substation, had been upgraded to 220 kV level with 2×160 MVA transformation capacity and was commissioned in April 2026. Consequent upon such up-gradation, approximately 80 MVA load at the 220/132 kV level had been relieved from Noida Sector-20 Substation.

The Petitioner further submitted that the maximum load recorded at 220/132/33 kV Noida Sector-20 Substation was 270 MVA on 24.05.2026 at 22:29 hours, corresponding to the State peak demand of 31,825 MW, which was significantly lower than the existing transformation capacity of 480 MVA. In view of the load relief achieved through the commissioning of 220 kV Noida Sector-62 Substation and considering the projected growth in demand in the Noida area, the proposed augmentation to 640 MVA (4×160 MVA) was considered adequate to meet future load requirements while maintaining system reliability and compliance with the N-1 planning criterion during the planning horizon.

Scheme 4:- Capacity Augmentation at 400/220/132/33 KV Noida Sector-148 (Gautam Buddh Nagar) S/s from 2x160 to 3x160 MVA.

Query No. 6: With respect to above scheme the Petitioner had proposed capacity augmentation at the 400/220/132/33 kV Noida Sector-148 substation. However, it was observed that the peak load catered by the substation has not been furnished in the Petition. Accordingly, the Petitioner was directed to provide details of the existing peak load catered by the substation, along with supporting data.

Response submitted by Petitioner: The Petitioner submitted that the peak load catered by the 400/220/132/33 kV Noida Sector-148 Substation at the 220/132 kV level was reported as 190 MVA against the existing installed transformation capacity of 2×160 MVA (320 MVA).

The following loads are fed by 400kV Sector 148, Noida at 132kV level:

1. M/s Oppo Mobiles India (P) Ltd. (25 MVA)
2. Noida Metro Rail Corporation (06 MVA)
3. M/s STT Global Data Centre (100 MVA)
4. 132/33kV 2x623 MVA Transformers (126 MVA)

Accordingly, the connected load at 132kV level has reached to 257 MVA therefore, considering the existing loading level and the anticipated growth in demand in the area, the proposed augmentation from 2×160 MVA to 3×160 MVA had been envisaged to ensure adequate transformation capacity and maintain reliable system operation in accordance with the planning requirements.

Scheme 5:- LILO of 220 kV Vrindavan (220)- Chhata (220) Line at 400 kV Mant (Mathura) S/s and Other Associated works.

Query No. 7: With respect to above scheme the Petitioner had proposed LILO of the 220 kV Vrindavan–Chhata line at the 400 kV Mant substation for reliability improvement. In this regard, the Petitioner was directed to furnish details of the existing sources of supply to 220 kV Vrindavan and 220 kV Chhata substations, including the number of incoming feeders, their capacity, and present loading, to assess the necessity of providing an additional source through the proposed LILO scheme.

Response submitted by Petitioner: The Petitioner submitted that the originally 220 kV Chhata Substation was being fed through a 220 kV D/C transmission line from 400 kV Mant (Mathura) Substation. Subsequently, 220 kV Vrindavan Substation was established by LILO of one circuit of the 220 kV D/C Mant–Chhata line. Presently, the network configuration comprises (i) 220 kV S/C Mant (400 kV)– Chhata line, (ii) 220 kV S/C Mant (400 kV)– Vrindavan line, and (iii) 220 kV S/C Chhata– Vrindavan line.

It was submitted that under the existing configuration, outage of either the 220 kV Mant–Chhata line or the 220 kV Mant– Vrindavan line results in non-compliance with the N-1 reliability criterion and adversely affects system reliability in the area. Accordingly, the proposed LILO of the 220 kV Chhata–Vrindavan S/C line at 400 kV Mant (Mathura) Substation has been envisaged to provide an additional source of supply to both substations and ensure compliance with the N-1 planning criterion. Upon implementation of the scheme, both 220 kV Chhata and 220 kV Vrindavan Substations shall have enhanced network redundancy and improved reliability under contingency conditions.

Scheme 7:- Capacity Augmentation at 400/220 kV Agra S/s from 2x500+1x315 MVA to 3x500 MVA.

Query No. 8: With respect to above scheme the Petitioner has proposed capacity augmentation at the 400/220 kV Agra substation from 2×500 + 1×315 MVA to 3×500 MVA, citing future load growth and compliance with N-1 reliability criteria. In this regard, it is observed that the proposed capacity augmentation appears to have been assessed based on existing/near-term loading conditions. The present installed capacity of the substation is 1,315 MVA, which is proposed to be enhanced to 1,500 MVA. The existing connected load and peak load intimated are 1,970 MVA and 950 MVA. However, considering the high level of connected load, anticipated future demand growth, it is apprehended that by the time of commissioning, the augmented system may not remain compliant with the N-1 reliability criteria. Accordingly, the Petitioner is hereby directed to clarify and substantiate whether the proposed configuration would continue to satisfy the N-1 reliability criteria under projected future load scenarios, along with supporting load projections and assumptions.

Response submitted by Petitioner: The Petitioner submitted that the proposed augmentation at 400/220 kV Agra Substation involves replacement of the existing 1×315 MVA ICT with 1×500 MVA ICT, thereby enhancing the transformation capacity from 2×500 MVA+1×315 MVA (1315 MVA) to 3×500 MVA (1500 MVA). It was submitted that at present there was no available bay/space at the substation for installation of a fourth ICT and, therefore, replacement of the existing 315 MVA ICT was the only feasible option for increasing the transformation capacity at this location.

The Petitioner further submitted that additional capacity augmentation in the Agra area had also being undertaken through the Central Transmission Utility (CTU), which has planned installation of an additional 500 MVA ICT at 400 kV Agra (PG) Substation. Further, as part of the Five-Year Rolling Plan, a 220 kV voltage level is proposed to be created at 765/400 kV Agra (Fatehabad) Substation (Agra-II) during FY 2028-29, which shall provide an additional source of transformation capacity and facilitate load sharing in the region.

Accordingly, the proposed augmentation at 400/220 kV Agra Substation,

together with the planned system strengthening works by CTU and creation of Agra-II, is expected to adequately cater to the projected demand growth and support compliance with the N-1 planning criterion in the Agra area.

Scheme 9:- Up-gradation of 132/33 kV (1x63+2x40) MVA Salempur (Deoria) to 220 kV Voltage (GIS) 2x160 MVA and Associated Lines.

Query No. 9: With respect to above scheme the Petitioner had proposed up-gradation of the existing 132/33 kV Salempur substation to 220 kV level, citing overloading at the 220/132 kV Deoria substation. In this regard, the Petitioner was directed to furnish details of the existing peak load catered by the 220/132 kV Deoria substation, to substantiate the claim of saturation and the necessity for the proposed augmentation.

Response submitted by Petitioner: The Petitioner submitted that the existing 220/132 kV Deoria Substation was equipped with 1×100 MVA and 2×160 MVA ICTs and caters to the load of 132/33 kV Deoria (1×63 MVA + 2×40 MVA), Salempur (1×63 MVA + 2×40 MVA), Rudrapur (1×63 MVA + 1×40 MVA), and Purnachhapar (2×40 MVA) substations. The maximum loading observed on the 220/132 kV transformation system at Deoria Substation was approximately 305 MVA.

The Petitioner further submitted that the proposed upgradation of 132/33 kV Salempur Substation to 220 kV level with 2×160 MVA transformation capacity has been envisaged to relieve the loading on 220/132 kV Deoria Substation by shifting approximately 125 MVA load presently being catered through Deoria. The proposed scheme would not only reduce the loading on the existing ICTs at Deoria but would also strengthen the transmission network in the area, improve system reliability, and facilitate accommodation of future load growth while maintaining compliance with the applicable planning criteria.

Scheme 12:- 765/400 kV4x1500 MVA AIS Mirzapur Pooling S/s and Associated Bays.

Query No. 10: With respect to above scheme the Petitioner had proposed the construction of 765/400 kV 4×1500 MVA Mirzapur Pooling Substation for evacuation of power from upcoming thermal and PSP generation projects. In this regard, the Petitioner was directed to furnish the detailed evacuation system planned for the proposed and upcoming generation projects, including

transmission network configuration, connectivity with existing grid, voltage-wise power flow, and adequacy of the proposed evacuation system. The Petitioner was also directed to provide scheme-wise details of transmission lines, bays, and substations envisaged for evacuation under the proposed arrangement.

Response submitted by Petitioner: The Petitioner submitted that the proposed 765/400 kV, 4×1500 MVA Mirzapur Pooling Substation had been envisaged as a key transmission node for evacuation of power from upcoming thermal generation projects, viz. Obra-D (2×800 MW), Anpara-E (2×800 MW), Meja-II (3×800 MW), as well as proposed Pumped Storage Projects (PSPs) aggregating about 2,750 MW in Sonbhadra and 900 MW PSP along with 600 MW Floating Solar Project at Rihand Dam. The proposed pooling station shall be interconnected with the existing State and Inter-State transmission network through multiple 765 kV and 400 kV transmission corridors, thereby providing adequate evacuation capacity, operational flexibility, and system reliability.

The detailed transmission system envisaged for evacuation of power from the aforesaid generation projects, including associated substations, transmission lines, bays, network configuration, and connectivity with the existing grid, has been furnished as below:

Details of Transmission System Planned for Evacuation of Power from Upcoming Thermal, PSP and Floating Solar Projects

S. No.	Generation Project / Capacity	Transmission System Proposed
A	**Evacuation of 5,600 MW Thermal Generation (Obra-D: 2×800 MW, Anpara-E: 2×800 MW and Meja-II: 3×800 MW)**	
A.1	Mirzapur-II Transmission Hub	Establishment of 2×1500 MVA, 765/400 kV Mirzapur-II Substation along with 330 MVAR Bus Reactor at 765 kV level and 125 MVAR Bus Reactor at 400 kV level.
A.2	Associated 765 kV Transmission Lines	(i) Anpara-E – Anpara-D 765 kV S/C Line (10 km) (ii) Anpara-E – Obra-D 765 kV S/C Line (35 km) (iii) Meja-II – Bara 765 kV S/C Line (30 km) (iv) Anpara-E – Mirzapur-II 765 kV S/C Line (83 km) (v) Obra-D – Mirzapur-II 765 kV S/C Line (65 km) (vi) Meja-II – Mirzapur-II 765 kV S/C Line (77 km)
A.3	Associated 400 kV Transmission Lines	Bara – Chitrakoot 400 kV D/C Line (50 km)
A.4	Sultanpur Road Hub	Establishment of 3×1500 MVA, 765/400 kV Sultanpur Road Substation along with associated reactors.
A.5	Associated Connectivity	(i) Mirzapur-II – Sultanpur Road 765 kV D/C Line (275 km) (ii) LILO of Lucknow PG–Mohanlalganj 400 kV Line

S. No.	Generation Project / Capacity	Transmission System Proposed
		(iii) LILO of Mohanlalganj–Sultanpur 400 kV Line
A.6	Barabanki Substation	Establishment of 2×500 MVA, 400/220 kV Barabanki Substation with associated 400 kV and 220 kV connectivity.
A.7	Sitapur Substation	Establishment of 2×500 MVA, 400/220 kV Sitapur Substation with associated 400 kV and 220 kV connectivity including Sitapur–Kanduni and Sitapur– Nighasan corridors.
A.8	Mirzapur Substation	Upgradation of existing 220 kV Mirzapur Substation to 400 kV level with 2×500 MVA ICTs and associated transmission lines connecting Mirzapur, Mirzapur-II and Sahupuri.
B	**Evacuation of 900 MW PSP and 600 MW Floating Solar Project at Rihand Dam**	
B.1	Pipri Substation	Upgradation of existing 132 kV Pipri Substation to 400 kV level with 2×500 MVA (400/220 kV) and 2×160 MVA (220/132 kV) ICTs.
B.2	Associated Connectivity	(i) LILO of Anpara A&B – Obra B 400 kV Line at Pipri (ii) Upgradation of Obra-B – Pipri 132 kV Line to 220 kV level with HTLS conductor.
C	**Evacuation of 2,750 MW PSP Capacity in Sonbhadra**	
C.1	Mirzapur Pooling Station	Establishment of 4×1500 MVA, 765/400 kV Mirzapur Pooling Substation with 330 MVAR Bus Reactor at 765 kV level and 125 MVAR Bus Reactor at 400 kV level.
C.2	Associated 765 kV Connectivity	Bara – Mirzapur Pooling Station 765 kV D/C Line (110 km).
C.3	Associated 400 kV Connectivity	Mirzapur Pooling Station – Sahupuri 400 kV D/C Line (65 km), interconnected with the existing Varanasi–Bihar Sharif corridor.

The above transmission system comprising 765 kV, 400 kV and 220 kV substations and transmission lines has been planned to provide adequate evacuation capacity for approximately 9,850 MW of up-coming thermal, pumped storage and floating solar generation projects. The proposed Mirzapur Pooling Substation forms an integral part of the overall evacuation plan and was designed to facilitate reliable evacuation of power from the upcoming generation projects.

C. TBCB Schemes

Scheme 2:- 400 kV Mirzapur Pooling S/s (765)- Mirzapur Thermal Energy (Quad Moose) DC Line- 18.50 km & 400kV Mirzapur Pooling (765)- Sahupuri (Quad Moose) DC Line- 68 km.

Query No. 11: With respect to above scheme the Petitioner had proposed construction of 400 kV D/C transmission lines with Quad Moose conductor configuration for evacuation of power, as against the option of providing two independent single-circuit transmission lines. It was noted that while the proposed Quad Moose D/C configuration enhances power transfer capability,

two independent single-circuit lines offer superior system reliability and redundancy under contingency conditions, particularly by mitigating the risk of common tower failures. Accordingly, the Petitioner was directed to provide the details of any alternative evacuation arrangement(s) that is being planned to meet out such eventuality.

Response submitted by Petitioner: The Petitioner submitted that to mitigate the impact of transmission line outages, including contingencies arising from common tower failures. In addition to the proposed 400 kV D/C Mirzapur Pooling Station (765 kV) – Mirzapur Thermal Energy line, an alternative evacuation path shall be available through the proposed 400 kV Mirzapur Substation, which has been envisaged to be established through up-gradation of the existing 220 kV Mirzapur Substation.

Accordingly, one circuit of the proposed 400 kV D/C Mirzapur Thermal Energy – Mirzapur Pooling Station (765 kV) line shall be looped-in and looped-out (LILO) at the proposed 400 kV Mirzapur Substation (*by Up-grading existing 220kV S/s Mirzapur*) from the Mirzapur Thermal end. This arrangement shall provide an additional evacuation route and operational flexibility under contingency conditions, thereby enhancing the reliability and security of the evacuation system and reducing the risk associated with common tower outages.

D. Others

Query No. 12: Provide status/action taken and list of available backup transformers of various capacities of 132 kV and above substations along with the status utilization of adequate arrangement of spares/conductor/insulator etc. to carry out day to day maintenance /emergency breakdown in order to have timely replacement in event of any exigencies.

Response submitted by Petitioner: The Petitioner submitted that the Transformers of various ratting connected to Discom end are available in all zones for early replacement to minimize contingency time. Further, 07 number of Transformers are available as Rolling Stocks.

S. No.	Rating of Transformer	Qty.	Availability Location
1	60 MVA, 220/33 kV	01	220 kV S/s CG City, Lucknow
2	63 MVA, 132/33 kV	01	220 kV S/s Sikandra, Agra

S. No.	Rating of Transformer	Qty.	Availability Location
		01	132 kV S/s Surajpur, Gr. Noida
		01	220 kV S/s Barahua, Gorakhpur
3	40 MVA, 132/33 kV	01	220 kV S/s Dunara, Jhansi
		01	132 kV S/s Kasia, Kushinagar
		01	132 kV S/s Najibabad, Dhampur

14. Subsequently, the Commission heard the matter on 28.07.2026. During the hearing, Sh. Satyendra Kumar, CE, UPPTCL, submitted that in terms of Regulation 27.3 of the UPERC (MYT for Transmission) Regulations, 2025 and its amendments thereof, UPPTCL is required to obtain prior approval of the Commission on a quarterly basis for all capital expenditure schemes exceeding Rs. 20 Crore. Accordingly, UPPTCL has filed the instant Petition seeking approval of twelve (12) schemes of Rs. 1,888.08 Crore under the RTM mode, two (02) schemes of Rs. 1,483.56 Crore under the TBCB mode, and ten (10) schemes of Rs. 867.86 Crore under the Deposit mode.

15. During the course of the hearing, the Commission enquired whether the Petitioner wished to highlight any specific issue arising in the Petition. In response, Sh. Satyendra Kumar, CE, UPPTCL, submitted that the Petitioner has sought approval of a revised project cost in respect of the TBCB scheme, namely "Construction of 400/220 kV, 3×500 MVA GIS Sector-28, YEIDA Substation". He submitted that the scheme had earlier been included in the Capex approval petition for Q1 of FY 2025-26, wherein the project cost had been revised from Rs. 428.30 Crore to Rs. 629.34 Crore. However, at the time of filing of the said petition, approval of the Appraisal Committee was awaited.

16. He further submitted that the Appraisal Committee, in its meeting held on 13.04.2026, and the ETF, in its meeting held on 27.04.2026, approved the scheme at a revised cost of Rs. 653.53 Crore as against Rs. 629.34 Crore approved earlier by the Board of Directors. The increase in project cost was primarily attributable to the revision in Right of Way (RoW) compensation rates and contingency provisions, resulting in an additional cost impact of Rs. 24.19 Crore.

17. He further submitted that although the revised cost was included in the present Petition, the additional amount was inadvertently mentioned as Rs. 46.19 Crore instead of Rs. 24.19 Crore. He submitted that, while approving the Capex for Q1 of FY 2025-26, the Commission had considered the amount of Rs. 46.19

Crore and accordingly approved the project cost at approximately Rs. 675.53 Crore. He further submitted that the amount of Rs. 46.19 Crore already included the impact of revised RoW compensation and contingency provisions considered at the earlier stage and, therefore, the approved project cost may be revised to Rs. 653.53 Crore.

18. After considering the submissions made by the Petitioner, the Commission directed the Petitioner to place on record, by way of an affidavit, the detailed break-up of the revised project cost. In response, the Petitioner submitted that the requisite affidavit would be filed.

Approval of Revised Capital expenditure for Scheme "400/220 kV, 3×500 MVA GIS Sector-28, YEIDA Substation in 1st Quarter for FY 2025-26

Petitioner submission

19. The Petitioner, in compliance with the directions of the Commission issued during the hearing dated 28.07.2026, filed an affidavit placing on record the sequence of events relating to the 400/220 kV, 3×500 MVA GIS Sector-28, YEIDA Substation Scheme and submitted that the scheme was originally approved by the ETF on 20.04.2023 and by the Council of Ministers on 30.06.2023 at an estimated cost of Rs. 428.30 Crore. Subsequently, owing to a revised connectivity plan approved by the CEA on 29.08.2023, the Board of Directors approved the revised project cost of Rs. 629.34 Crore on 17.06.2025 and thereafter approved the revised cost of Rs. 653.53 Crore on 21.04.2026.

20. The Petitioner further submitted that, while seeking investment approval in the Petition for the 1st Quarter of FY 2025-26, the scheme cost was revised from Rs. 428.30 Crore to Rs. 629.34 Crore and, at the time of filing of the said Petition, the approvals of the Appraisal Committee and ETF were still awaited.

21. The Petitioner submitted that the project cost of Rs. 629.34 Crore already included provisional provisions of Rs. 11.30 Crore towards RoW/Land and Crop Compensation and Rs. 13.76 Crore towards Contingency, aggregating to Rs. 25.06 Crore. The Petitioner further submitted that these provisional amounts were subsequently placed before the Appraisal Committee and ETF for revision in accordance with the applicable RoW compensation policy and contingency norms.

22. The Petitioner submitted that the Appraisal Committee, in its meeting dated 13.04.2026, and the ETF, in its meeting dated 27.04.2026, revised the RoW compensation to Rs. 45.19 Crore and contingency to Rs. 1.00 Crore in substitution of the provisional provisions already included in the estimate and not in addition thereto. The Petitioner submitted that, consequent upon such revision, the Appraisal Committee, ETF and the Board of Directors approved the revised project cost of Rs. 653.53 Crore.

23. In support of its contention, the Petitioner furnished the following summary of the approved project cost:

400/220kV, 3x500MVA GIS Sub-station, Sector-28, YEIDA, Gautam Budh Nagar (inc. 125 MVAr Bus Reactor) (Rs. in Cr.)

S. No.	Particulars	Rate	Original Cost	Revised Cost
1	Project Cost (with GST)	–	308.08	308.08
2	Transporting, Loading, Unloading, T&P, T&C	4%	12.32	12.32
3	Price Escalation (for 2 years)	3%	18.48	18.48
4	Contingency as per Original Guideline	3%	9.24	–
5	Contingency as per Revised Guideline (capped for projects above Rs. 100 Cr.)	–	–	0.50
Sub-total			**348.13**	**339.39**
6	IDC @ 5% on 70% of Sub-total (for 2 years)	3.5%	24.37	23.76
Sub-total			**372.50**	**363.15**
7	Administrative & Establishment Charges	7%	26.07	25.42
Total Cost of Sub-station			**398.57**	**388.57**

400kV Aligarh (PG) – YEIDA Sector-28 D/C Transmission Line (Quad Moose), 42 km (Rs. in Cr.)

S. No.	Particulars	Rate	Original Cost	Revised Cost
1	Project Cost (with GST)	–	150.64	150.64
2	Price Escalation (for 2 years)	3%	4.52	4.52
3	Contingency as per Original Guideline	3%	4.52	–
4	Contingency as per Revised Guideline (capped for projects above Rs. 100 Cr.)	–	–	0.50
5	RoW Compensation – Original	7.5%	11.30	–
6	RoW Compensation – Revised (as per new policy)	30%	–	45.19
7	Expected Expenditure for obtaining NOC from various Departments	Lump sum	2.00	2.00
Sub-total			**172.98**	**202.85**
8	IDC @ 5% on 70% of Sub-total (for 2 years)	3.5%	12.11	14.20
Sub-total			**185.08**	**217.05**
9	Administrative & Establishment Charges	7%	12.96	15.19
Total Cost of Line			**198.04**	**232.24**

Summary of Total Cost of the Scheme (Rs. in Cr.)

Particulars	Original Cost	Revised Cost
Total Cost of Sub-station (Table 1)	398.57	388.57
Total Cost of Line (Table 2)	198.04	232.24
Sub-total (Sub-station + Line)	**596.61**	**620.81**
Add: Cost of 02 nos. 400kV Bays at 765kV Aligarh (PG)	32.72	32.72
Total Cost of Scheme	**629.34**	**653.53**

Note: Figures have been rounded off to two decimal places; minor variations in sub-totals and totals, if any, are on account of such rounding.

24. The Petitioner submitted that the above cost break-up is also corroborated by the minutes of the ETF meeting held on 27.04.2026 and that the net increase in the project cost is Rs. 24.19 Crore, representing the impact of the revised RoW compensation and contingency provisions together with consequential adjustments in IDC and related components.

25. The Petitioner further submitted that the revised project cost of Rs. 653.53 Crore reflects an increase of only Rs. 24.19 Crore over the earlier approved cost of Rs. 629.34 Crore, and not an increase of Rs. 46.19 Crore. The Petitioner submitted that the amount of Rs. 46.19 Crore comprised revised provisions which replaced the provisional amounts already embedded in the estimate of Rs. 629.34 Crore.

26. The Petitioner also submitted that, in the Petition filed for the 2nd, 3rd and 4th Quarter of FY 2025-26, an inadvertent drafting error occurred whereby the additional approval sought was mentioned as Rs. 247.23 Crore instead of Rs. 225.23 Crore. The Petitioner clarified that the correct additional approval sought, corresponding to the revised project cost of Rs. 653.53 Crore was Rs. 225.23 Crore.

27. The Petitioner further submitted that, while passing the Order dated 22.06.2026 in Petition No. 2350 of 2026, the amount of Rs. 46.19 Crore came to be added over and above the project cost of Rs. 629.34 Crore, without adjusting the provisional amount of Rs. 25.06 Crore already embedded in the estimate, resulting in the project cost being reflected as Rs. 675.53 Crore instead of Rs. 653.53 Crore.

Commission's view

28. The Commission has examined the submissions made by the Petitioner regarding the cost break-up approved by the Appraisal Committee, ETF and

Board of Directors, as well as the information's available on the records. The Commission observes that revised project cost of Rs. 653.53 Crore includes the additional impact of increased ROW cost of Rs. 46.19 Crore. However, the Petitioner has submitted the revised cost of project at Rs. 653.53 Crore & has also mentioned separately revised ROW cost of Rs. 46.19 Crore, which was inadvertently added as total cost of the project to Rs. 675.53 Crore in Order dated 22.06.2026 in Petition no. 2350 of 2026. Considering the same, the Commission hereby revised the Cost of Scheme "400/220 kV, 3×500 MVA GIS Sector-28, YEIDA Substation" from 675.53 Crore to Rs. 653.53 Crore.

Amendment in 1st Quarter Capex Approval for FY 2025-26

Petitioner submission

29. The Petitioner, vide affidavit dated 13.08.2026, submitted that the impact of the revised project costs approved by the Appraisal & Evaluation Committee on 13.04.2026, the Board of Directors on 21.04.2026 and the ETF on 27.04.2026, amounting to Rs. 40.43 Crore, had been shown in the Petition on account of revised ROW compensation and contingency provisions separate consolidated entry in the summary of investment plan for FY 2025-26. The Petitioner submitted that the revised cost of individual schemes ought to be reflected under their respective expenditure heads instead of being shown as a separate line item.

30. The Petitioner further submitted that the revised project cost of the 400/220 kV, 3×500 MVA GIS Sector-28, YEIDA Substation Scheme forms part of the capital expenditure approved for the 1st Quarter of FY 2025-26 and that the correct additional approval sought for the said scheme is Rs. 24.19 Crore. Accordingly, the Petitioner proposed amendment of the summary of investment plan for FY 2025-26, while submitting that the total capital expenditure for FY 2025-26 remains unchanged at Rs. 5,299.01 Crore.

Commission's view

31. The Commission has examined the submissions made by the Petitioner, the affidavits filed on record, the approvals accorded by the Appraisal Committee, Board of Directors and ETF, and the information available on record. The Commission observes that the impact of revision in project costs approved subsequently by the Appraisal Committee, Board of Directors and ETF on

account of revised ROW compensation and contingency provisions is required to be reflected under the respective expenditure heads. The Commission further observes that the revised cost of the YEIDA Scheme pertains to the capital expenditure approved for the 1st Quarter of FY 2025-26. Accordingly, the capital expenditure approved for the 1st Quarter of FY 2025-26 stands modified as shown in the Table below:

S. No.	Particulars	The Commission Approved Expenditure for 1st Quarter of FY 2025-26 Vider Order dated 22.06.2026 in Petition No. 2350 of 2026	Revised Expenditure in 1st Quarter of FY 2025-26
1	New Projects	193.85	-
2	Augmentation/ System Strengthening		193.85
3	Deposit	151.80	151.80
4	TBCB	201.04	225.23**
		46.19*	
Total		**592.88**	**570.88**

Additional cost claimed towards ROW Compensation, approved by the Appraisal Committee and ETF vide meetings dated 13.04.2026 and 27.04.2026.
***** Revised Cost of TBCB Schemes (including adjustment towards revised RoW Compensation and Contingency Provisions)***

Approval of Capital Expenditure Schemes Considered in the 2nd, 3rd and 4th Quarters of FY 2025-26

32. Further, the Commission, after hearing the submissions of the Petitioner and examining the material available on record, proceeds to set out its scheme-wise observations as detailed below: -

Schemes to be implemented under RTM:

Scheme 1: 132/33 kV 2x40 MVA Unchahar (Raebareliy) S/s and Associated Lines.

Petitioner submission

(a) Presently, the electricity supply in the Unchahar area of Raebareli district is presently being met through 132 kV Amawan (1×63 MVA + 1×40 MVA) and 132 kV Salon (2×40 MVA) substations. Further, the load of Unchahar Tehsil is being catered through 33 kV Unchahar Tehsil (2×5 MVA) and 33 kV Unchahar Rural (2×5 MVA + 1×10 MVA) substations.

(b) Further, the 33 kV Unchahar Tehsil substation is fed from the 132 kV Amawan substation through a 60 km long 33 kV feeder. The 33 kV Unchahar Rural substation is fed by a 45 km long 33 kV feeder from 132

kV Amawan and also by a 35 km long feeder from 132 kV Salon.

(c) Due to the increasing electricity load demand in the rural areas of Unchahar tehsil, and in order to improve voltage by reducing the feeder length through feeder shifting, as well as to reduce overloading at the 132 kV Amawan substation, the construction of a new 132 kV Unchahar (Raebareliy) substation has been proposed as shown in the Table below:

S. No	Name of scheme	MVA/Ckm	Cost (In Rs. Cr.)
1	132/33 kV 2x40 MVA Unchahar (Raebareliy) S/s	2x40 MVA	39.63
2	132 kV Sirsira (400)- Unchahar Double Circuit Line- 26.61 km	2x26.61	19.53
3	132 kV bays at 400/220/132 kV Sirsira S/s- 2 nos.	2 nos.	1.15
4	Shifting of existing 33/11 kV Itaura Buzurg S/s and related Lines	-	2.07
		Total Cost	**62.38**
Revised Project Cost on account of revised RoW Compensation rates & Contingency rates by Project Formulation and Appraisal Division, Govt. of UP			**65.04**

(d) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure, expected timeline for completion, and estimated IRR, as summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Tendering Stage
2	Expected Date of Completion	12 months from LoI (Estimated COD: 31.12.2027)
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	13.07%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors, Appraisal Committee, ETF & CEA.

(b) The Commission observes that the proposed construction of the new 132/33 kV, 2×40 MVA Unchahar (Raebareli) Substation and associated lines is necessitated to cater the increasing electricity demand in the rural areas of Unchahar Tehsil. The scheme is expected to improve the voltage profile by reducing feeder lengths through feeder shifting and also alleviate loading on the existing 132 kV Amawan Substation.

(c) The Commission notes that the scheme forms part of the Rolling Transmission Plan approved by the Commission vide Order dated 28.10.2025 for the period FY 2025-26 to FY 2029-30.

(d) In this regard, Regulation 7.1 of UPERC (Modalities of Tariff Determination) Regulations, 2023 provides as follows:

"7.1 Tariff for all other intra-State transmission projects not covered under Regulation 6.1, being part of the STU Transmission Plan, shall be determined in accordance with RTM framework under Section 62 of the Act."

From the above, it is observed that intra-State transmission projects which are not covered under Regulation 6.1 shall be covered under Regulation 7.1 and will be governed under RTM framework. Accordingly, this project being of 132 kV voltage level is not covered under Regulation 6.1 and hence shall be considered under RTM.

(e) Based on the load projections, network requirements, system studies, and cost estimates submitted by the Petitioner, the Commission is of the view that the proposed construction of the 132/33 kV Unchahar Substation along with associated transmission infrastructure is required for strengthening the transmission network, improving voltage profile, and ensuring reliable power supply in the area.

(f) Further, the Commission undertook the prudence check of the IRR calculation and observes that the IRR of the scheme is 12.00%, which is higher than 9.15%, being the last approved rate of interest on loan as per the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the Commission approves the scheme under the RTM framework at the revised estimated project cost of Rs. 65.04 Crore.

Scheme 2: Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) S/s from 4x63 to 2x100+2x63 MVA.

Petitioner submission

(a) Presently, the installed transformation capacity at the 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) Substation is 4×63 MVA (252 MVA) against which the peak load recorded is 215 MVA, corresponding to

approximately 85% loading of the installed capacity.

(b) Considering the overloading of the 22/132/33 kV Noida sec-20 S/s and to comply with the N-1 reliability criteria, capacity augmentation from 4×63 MVA to 2×100 + 2×63 MVA has been proposed.

(c) The existing transformers (2x63 MVA) proposed to be decommissioned shall be retained as rolling stock and utilized for future system requirements, wherever required.

S. No.	Name of Scheme	MVA / Ckm	Cost (In Rs. Cr.)
1	Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) S/s from 4x63 to 2x100+2x63 MVA	2x100+2x63 MV	23.26
		Total Cost	**23.26**
Revised Project Cost on account of revised Contingency rates by Project Formulation and Appraisal Division, Govt. of UP			**22.83**

(d) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure, expected timeline for completion, and estimated IRR, as summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Tender Floated
2	Expected Date of Completion	18 months from LOI (Estimated COD: 30.06.2028)
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	17.13%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors & Appraisal Committee for the proposed scheme.

(b) The Commission observes that the existing installed transformation capacity at the 220/132/33 kV Noida Sector-20 Substation is 252 MVA and the peak load of the substation has been reported as 215 MVA, indicating high loading of the existing transformation capacity.

(c) The Commission further observes that the proposed augmentation of transformation capacity from 4×63 MVA to 2×100 MVA + 2×63 MVA has been envisaged to cater to the increasing load demand in the area and to

ensure compliance with the N-1 reliability criterion.

(d) The Commission also notes the submission of the Petitioner that the decommissioned 63 MVA transformers shall be retained as rolling stock and may be utilized to meet future system requirements. The Commission is of the view that such retention would provide operational flexibility and optimize utilization of existing assets.

(e) The Commission is of the view that augmentation of the transformation capacity from 252 MVA to 326 MVA shall enhance the reliability of supply, improve operational flexibility, and strengthen the network to cater to the projected increase in demand in the Gautam Buddh Nagar area.

(f) In this regard, Regulation 7.2 of UPERC (Modalities of Tariff Determination) Regulations, 2023, read along with UPERC (MYT for Transmission) Regulation, 2025 (as amended) provides that augmentation and strengthening works that are part of STU transmission plan is to be carried out by the respective developer under RTM. The relevant extract of the same is reproduced as below:

> *"7.2 Implementation of augmentation/ strengthening works (excluding O&M works) at the intra-State transmission substation and/or line, being part of the STU Transmission Plan, shall be carried out by the respective developer in accordance with the provisions under Section 62 of the Act read with UPERC (Multi Year Tariff for Distribution and Transmission) Regulations 2019, as amended from time to time, for which the STU shall obtain prior approval of the Commission on case-to-case basis."*

As per above, the Scheme is considered for implementation under RTM mode.

(g) Based on the Petitioner's cost estimates, load justification, and system requirement, the Commission finds that the proposed augmentation to be necessary for maintaining system reliability and ensuring adequate transformation capacity in the area.

(h) Further, the Commission undertook the prudence check of the IRR calculation and observes that the IRR of the scheme is 16.11%, which is higher than 9.15%, being the last approved rate of interest on loan as per the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the Commission approves the scheme at the revised estimated project cost of

Rs. 22.83 Crore under the RTM framework.

Scheme 3: Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) from 3x160 to 4x160 MVA.

Petitioner submission

(a) Presently, the installed transformation capacity at the 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) Substation is 3×160 MVA (480 MVA) against which the peak load recorded is 420 MVA corresponding to approximately 87% of the installed capacity. The connected load of the substation is 693 MVA.

(b) Considering future load growth and the N-1 reliability criteria, for capacity augmentation from 3×160 MVA to 4×160 MVA, including the construction of associated bays, a 220 kV bus coupler bay, shifting of a total of 3 numbers of 132 kV line bays, and extension of the 220 kV and 132 kV bus bar.

S. No.	Name of Scheme	MVA / Ckm	Cost (In Rs. Cr.)
1	Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) S/s from 3x160 to 4x160 MVA	1x160 MVA	25.16
		Total Cost	**25.16**
Revised Project Cost on account of revised Contingency rates by Project Formulation and Appraisal Division, Govt. of UP			**24.69**

(c) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure, expected timeline for completion, and estimated IRR, as summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Tender Floated
2	Expected Date of Completion	18 months from LOI (Estimated COD: 30.06.2028)
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	28.39%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors & Appraisal Committee for the proposed scheme.

(b) The Commission observes that the existing transformation capacity at the 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) Substation is 480 MVA, whereas the peak load has been reported as 420 MVA, indicating high utilization of the existing transformation capacity. The Commission also notes that the connected load of the substation is 693 MVA.

(c) The Commission further observes that the proposed augmentation from 3×160 MVA to 4×160 MVA, along with the associated bay works and bus bar extensions, has been proposed to cater to future load growth and to maintain compliance with the N-1 reliability criterion.

(d) The Commission is of the view that the proposed augmentation shall increase the transformation capacity from 480 MVA to 640 MVA, thereby enhancing system reliability, operational flexibility and adequacy of power supply in the Gautam Buddh Nagar area.

(e) In this regard, Regulation 7.2 of UPERC (Modalities of Tariff Determination) Regulations, 2023, read along with UPERC (MYT for Transmission) Regulation, 2025 (as amended) provides that augmentation and strengthening works that are part of STU transmission plan is to be carried out by the respective developer under RTM. The relevant extract of the same is reproduced as below:

> *"7.2 Implementation of augmentation/ strengthening works (excluding O&M works) at the intra-State transmission substation and/or line, being part of the STU Transmission Plan, shall be carried out by the respective developer in accordance with the provisions under Section 62 of the Act read with UPERC (Multi Year Tariff for Distribution and Transmission) Regulations 2019, as amended from time to time, for which the STU shall obtain prior approval of the Commission on case-to-case basis."*

As per above, the Scheme is considered for implementation under RTM mode.

(f) Based on the Petitioner's cost estimates, load justification, and system requirement, the Commission finds that the proposed augmentation to be necessary for maintaining system reliability and ensuring adequate transformation capacity in the area.

(g) Further, the Commission undertook the prudence check of the IRR calculation and observes that the IRR of the scheme is 25.84%, which is

higher than 9.15%, being the last approved rate of interest on loan as per the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the Commission approves the scheme at the revised estimated project cost of Rs. 24.69 Crore under the RTM framework.

Scheme 4: Capacity Augmentation at 400/220/132/33 KV Noida Sector-148 (Gautam Buddh Nagar) S/s from 2x160 to 3x160 MVA.

Petitioner submission

(a) The Petitioner submitted that the existing transformation capacity at the 220/132 kV level of the 400/220/132/33 kV Sector-148 (Gautam Buddh Nagar) Substation is 2×160 MVA.

(b) The Petitioner further submitted that augmentation work at the 400 kV level from 2×500 MVA to 3×500 MVA is under progress. It was submitted that electrical loads of 25 MVA of Oppo Mobile and 6 MVA of Noida Metro Rail Corporation are presently connected at the 132 kV level. Further, an additional load of 100 MVA of Urvashi Infratech Pvt. Ltd. Data Centre is being connected at the 132 kV level. The Petitioner also submitted that the work for installation of 2×63 MVA transformers at the 132/33 kV level was completed in March 2026.

(c) The Petitioner submitted that against the present peak load of 190 MVA, the connected load at the substation is expected to increase to 257 MVA, which would result in violation of the N-1 reliability criterion.

(d) In view of the above, the Petitioner proposed augmentation of the transformation capacity at the 220/132 kV level from 2×160 MVA to 3×160 MVA, along with associated bay works.

S. No.	Name of Scheme	MVA / Ckm	Cost (In Rs. Cr.)
1	Capacity Augmentation at 400/220/132/33 KV Noida Sector-148 (Gautam Buddh Nagar) S/s from 2x160 to 3x160 MVA	1x160 MVA	32.91
		Total Cost	**32.91**
Revised Project Cost on account of revised Contingency rates by Project Formulation and Appraisal Division, Govt. of UP			**32.31**

(e) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure, expected timeline for completion, and estimated IRR, as

summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Tendering Stage
2	Expected Date of Completion	18 months from LOI (Estimated COD: 30.06.2028)
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	23.75%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors & Appraisal Committee for the proposed scheme.

(b) The Commission observes that the existing transformation capacity at the 220/132 kV level of the 400/220/132/33 kV Sector-148 (Gautam Buddh Nagar) Substation is 2×160 MVA. The Commission further notes that augmentation at the 400 kV level from 2×500 MVA to 3×500 MVA is under progress. The Commission also notes that loads of 25 MVA of Oppo Mobile and 6 MVA of Noida Metro Rail Corporation are presently connected at the 132 kV level, while an additional load of 100 MVA of Urvashi Infratech Pvt. Ltd. Data Centre is proposed to be connected at the 132 kV level.

(c) The Commission further observes that the present peak load at the substation is 190 MVA and the connected load is expected to increase to 257 MVA. The Commission is of the view that the projected increase in load would result in non-compliance with the N-1 reliability criterion under the existing transformation capacity of 2×160 MVA.

(d) Accordingly, the proposed augmentation of transformation capacity at the 220/132 kV level from 2×160 MVA to 3×160 MVA, along with associated bay works, has been envisaged to cater to the anticipated load growth and maintain the required system reliability.

(e) The Commission is of the view that the proposed augmentation shall increase the transformation capacity at the 220/132 kV level from 320 MVA to 480 MVA, thereby enhancing operational flexibility, strengthening the transmission network and ensuring reliable power supply in the Gautam Buddh Nagar area.

(f) In this regard, Regulation 7.2 of UPERC (Modalities of Tariff Determination) Regulations, 2023, read along with UPERC (MYT for Transmission) Regulation, 2025 (as amended) provides that augmentation and strengthening works that are part of STU transmission plan is to be carried out by the respective developer under RTM. The relevant extract of the same is reproduced as below:

> *"7.2 Implementation of augmentation/ strengthening works (excluding O&M works) at the intra-State transmission substation and/or line, being part of the STU Transmission Plan, shall be carried out by the respective developer in accordance with the provisions under Section 62 of the Act read with UPERC (Multi Year Tariff for Distribution and Transmission) Regulations 2019, as amended from time to time, for which the STU shall obtain prior approval of the Commission on case-to-case basis."*

As per above, the Scheme is considered for implementation under RTM mode.

(g) Based on the Petitioner's cost estimates, load justification, and system requirement, the Commission finds that the proposed augmentation to be necessary for maintaining system reliability and ensuring adequate transformation capacity in the area.

(h) Further, the Commission undertook the prudence check of the IRR calculation and observes that the IRR of the scheme is 21.81%, which is higher than 9.15%, being the last approved rate of interest on loan as per the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the Commission approves the scheme at the revised estimated project cost of Rs. 32.31 Crore under the RTM framework.

Scheme 5: LILO of 220 kV Vrindavan (220)- Chhata (220) Line at 400 kV Mant (Mathura) S/s and Other Associated works.

Petitioner submission

(a) The Petitioner submitted that in order to increase reliability and system strengthening at 220 kV S/s Vrindavan and 220 kV S/s Chhata, construction of a secondary source from 400 kV S/s Manth is proposed by constructing a LILO of existing 220 kV Chhata-Vrindavan line (ACSR Zebra Conductor).

S. No.	Name of Scheme	MVA / Ckm	Cost (In Rs. Cr.)
1	Extension of 220 kV Main Bus-1, Bus-2, and Transfer Bus at the 400 kV Manth S/s along with 02 nos. 220 kV bays at 400 kV Manth S/s.	-	4.78
2	LILO (Line in Line Out) of the 220 kV Chhata– Vrindavan SC Line at the 400 kV Manth S/s	21.86	23.37
		Total Cost	**28.15**
Revised Project Cost on account of revised Contingency rates by Project Formulation and Appraisal Division, Govt. of UP			**32.23**

(b) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure, expected timeline for completion, and estimated IRR, as summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Tender Floated
2	Expected Date of Completion	18 months from LOI (Estimated COD: 30.06.2028)
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	17.34%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors & Appraisal Committee for the proposed scheme.

(b) The Commission observes that the proposed scheme involves LILO of the existing 220 kV Chhata–Vrindavan transmission line at the 400 kV Mant (Mathura) Substation, along with extension of the 220 kV Main Bus-1, Main Bus-2 and Transfer Bus and construction of two 220 kV bays at the 400 kV Mant Substation. The Commission further notes that the scheme has been proposed to provide a secondary source of power supply to the 220 kV Vrindavan and 220 kV Chhata Substations, thereby enhancing system reliability and strengthening the transmission network in the area.

(c) In this regard, Regulation 6.1(c) of the UPERC (Modalities of Tariff Determination) Regulations, 2023 provides that small schemes such as LILO lines, whether for the purpose of a city bypass or otherwise, entailing a cost not exceeding Rs. 100 Crore, shall be covered under the RTM framework under Section 62 of the Act, subject to prior approval of the

Commission.

(d) In this regard, Regulation 6.1 (c) of UPERC (Modalities of Tariff Determination) Regulations, 2023 provides as follows:

"6.1 (c) Small schemes such as LILO lines, whether for the purpose of a city bypass or otherwise, and entailing a cost not exceeding Rs. 100 Crores. However, after completion of project, if it is found that the capital cost incurred has exceeded the ceiling limit of Rs 100 Crores, then such excess amount shall not be passed under Regulated Tariff and shall be borne by the transmission licensee through its own reserve/cost."

(e) In the instant case, the proposed scheme involves LILO of the existing 220 kV Chhata–Vrindavan transmission line and the revised estimated project cost is Rs. 32.23 Crore. Accordingly, the scheme falls within the scope of Regulation 6.1(c) and shall be considered for implementation under the RTM framework.

(f) Based on the network requirements, system strengthening needs and cost estimates submitted by the Petitioner, the Commission is of the view that the proposed LILO arrangement shall provide an additional source of supply to the 220 kV Vrindavan and Chhata Substations, improve operational flexibility and enhance the reliability and security of the transmission system in the area.

(g) Further, the Commission undertook a prudence check of the IRR calculation and observes that the IRR of the scheme is 16.29%, which is higher than the rate of interest on loan considered by the Commission in the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the Commission approves the scheme at the revised estimated project cost of Rs. 32.23 Crore under the RTM framework.

Scheme 6: 132/33 kV 2x63 MVA AIS Suzru (Muzaffarnagar City) S/s and Associated Lin.

Petitioner submission

(a) The Petitioner submitted that the 132 kV Bhopa Road Substation (3×63 MVA) and the 220 kV Nara Substation (1×200 MVA + 1×160 MVA + 2×63 MVA + 2×40 MVA), which presently cater to the load demand of Muzaffarnagar city, are operating at peak loads of 139 MVA (73% loading)

and 150 MVA at the 132 kV level (72.8% loading), respectively. The Petitioner further submitted that electricity demand in the area is expected to increase in future. The Petitioner also submitted that augmentation works at the 132 kV Bhopa Road Substation and the 220 kV Nara Substation are planned.

(b) The Petitioner submitted that considering the loading of the existing substations and the anticipated growth in electricity demand in Muzaffarnagar city, construction of a new 132/33 kV, 2×63 MVA Suzru Substation along with associated transmission infrastructure has been proposed to ensure reliable power supply in the area.

(c) The Petitioner further submitted that upon commissioning of the proposed 132/33 kV Suzru Substation, the existing 33 kV substations at Numaish Camp (2×10 MVA), APDRP (2×10 MVA), Mahavir Chowk (2×10 MVA), and Suzru (2×10 MVA) shall receive a second reliable source of power supply from the proposed substation.

(d) The Petitioner also submitted that the proposed scheme would strengthen the transmission network of Muzaffarnagar city.

S. No.	Name of Scheme	MVA / Ckm	Cost (In Rs. Cr.)
1	132/33 kV 2x63 MVA AIS Suzru (Muzaffarnagar City) S/s	2x63 MVA	36.29
2	LILO (O/H + U/G) of the 132 kV Nara (220)– Baghra Line at Suzru S/s.	2x5.5	37.67
		Total Cost	**73.96**
Revised Project Cost on account of revised RoW Compensation rates & revised Contingency rates by Project Formulation and Appraisal Division, Govt. of UP			**78.82**

(e) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure, expected timeline for completion, and estimated IRR, as summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Tender Floated
2	Expected Date of Completion	12 months from LOI (Estimated COD: 31.12.2027)
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	15.68%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors, Appraisal Committee, ETF and CEA for the proposed scheme.

(b) The Commission observes that the existing load demand of Muzaffarnagar city is presently being catered through the 132 kV Bhopa Road Substation and the 220 kV Nara Substation. The Commission further notes the Petitioner's submission that electricity demand in the area is expected to increase significantly in future, and augmentation works at both the aforesaid substations have also been planned.

(c) The Commission further observes that the proposed construction of a new 132/33 kV, 2×63 MVA AIS Suzru Substation along with LILO of the 132 kV Nara (220)-Baghra Line has been envisaged to meet the growing demand in Muzaffarnagar city and strengthen the transmission network in the area.

(d) The Commission notes that upon commissioning of the proposed substation, the existing 33 kV Numaish Camp, APDRP, Mahavir Chowk and Suzru Substations shall receive an additional reliable source of power supply. The Commission is of the view that the scheme shall improve supply reliability, operational flexibility and overall system security in the area.

(e) The Commission further observes that the proposed scheme shall strengthen the transmission system of Muzaffarnagar city and facilitate reliable power supply to meet future load growth.

(f) In this regard, Regulation 7.1 of UPERC (Modalities of Tariff Determination) Regulations, 2023 provides as follows:

"7.1 Tariff for all other intra-State transmission projects not covered under Regulation 6.1, being part of the STU Transmission Plan, shall be determined in accordance with RTM framework under Section 62 of the Act."

From the above, it is observed that intra-State transmission projects which are not covered under Regulation 6.1 shall be covered under

Regulation 7.1 and will be governed under RTM framework. Accordingly, this project being of 132 kV voltage level is not covered under Regulation 6.1 and hence shall be considered under RTM.

(h) Based on the system requirements, network strengthening needs and cost estimates submitted by the Petitioner, the Commission finds the proposed scheme necessary for enhancing reliability and ensuring a secure power and adequate power supply in Muzaffarnagar city.

(i) Further, the Commission undertook a prudence check of the IRR calculation and observes that the IRR of the scheme is 14.21%, which is higher than the rate of interest on loan considered by the Commission in the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the Commission approves the scheme at the revised estimated project cost of Rs. 78.82 Crore under the RTM framework.

Scheme 7: Capacity Augmentation at 400/220 kV Agra S/s from 2x500+1x315 MVA to 3x500 MVA.

Petitioner submission

(a) The Petitioner submitted that the existing capacity at the 400/220 kV Agra substation is 2x500+1x315 MVA (with a peak load of 950 MVA i.e 72.5%), and the connected load is 1,970 MVA.

(b) The 400kV Agra presently feeds 220kV Agra (1x100+2x160) MVA, 220kV Mitai (2x200) MVA, 220kV Gokul (2x160 MVA), 220kV Shasabad (2x160 MVA) and 220kV IOCL (30 MVA) substations.

(c) The load demand of IOCL is expected to increase up to 42 MVA and an additional 40 MVA load of U.P. Metro Rail Corporation is also proposed.

(d) The Petitioner submitted that, considering future load growth and N-1 contingency requirements, augmentation of the transformation capacity from 2×500 MVA + 1×315 MVA to 3×500 MVA has been proposed. The scheme includes installation of a new 500 MVA transformer along with high-capacity current transformers (CTs) in the 220 kV bay. The Petitioner further submitted that the decommissioned 315 MVA transformer shall be retained in rolling stock.

(e) The Petitioner further submitted that conversion of the 220 kV side bus conductor from single moose conductor to double moose conductor has been proposed. The Petitioner also submitted that construction of a fire wall between the transformer and the existing 400 kV Unnao bay line reactor has been proposed due to insufficient clearance between them at the substation.

S. No.	Name of Scheme	MVA / Ckm	Cost (In Rs. Cr.)
1	Capacity Augmentation at 400/220 kV Agra S/s from 2x500+1x315 to 3x500 MVA	1x500 MVA	47.37
		Total Cost	**47.37**
Revised Project Cost on account of revised Contingency rates by Project Formulation and Appraisal Division, Govt. of UP			**46.48**

(f) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure, expected timeline for completion, and estimated IRR, as summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Tender Under process
2	Expected Date of Completion	24 months from LOI (Estimated COD: 31.10.2028)
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	20.37%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors & Appraisal Committee for the proposed scheme.

(b) The Commission observes that the existing transformation capacity at the 400/220 kV Agra Substation is 2×500 MVA + 1×315 MVA and the peak load has been reported as 950 MVA, while the connected load of the substation is 1,970 MVA.

(c) The Commission further observes that the substation caters to several downstream substations and that additional loads, including the proposed increase in demand of IOCL and the proposed load of U.P. Metro Rail Corporation, are expected to increase the loading on the system.

(d) The Commission notes that the proposed augmentation from 2×500 MVA + 1×315 MVA to 3×500 MVA, along with associated system strengthening works, has been envisaged considering future load growth and N-1 contingency requirements.

(e) The Commission also notes the submission of the Petitioner that the decommissioned 315 MVA transformer shall be retained as rolling stock for future utilization, thereby facilitating optimum utilization of assets.

(f) The Commission further observes that conversion of the 220 kV side bus conductor from single moose conductor to double moose conductor and construction of the fire wall are proposed for strengthening the existing infrastructure and improving operational safety at the substation.

(g) In this regard, Regulation 7.2 of UPERC (Modalities of Tariff Determination) Regulations, 2023, read along with UPERC (MYT for Transmission) Regulation, 2025 (as amended) provides that augmentation and strengthening works that are part of STU transmission plan is to be carried out by the respective developer under RTM. The relevant extract of the same is reproduced as below:

"7.2 Implementation of augmentation/ strengthening works (excluding O&M works) at the intra-State transmission substation and/or line, being part of the STU Transmission Plan, shall be carried out by the respective developer in accordance with the provisions under Section 62 of the Act read with UPERC (Multi Year Tariff for Distribution and Transmission) Regulations 2019, as amended from time to time, for which the STU shall obtain prior approval of the Commission on case-to-case basis."

As per above, the Scheme is considered for implementation under RTM mode.

(h) Based on the system requirements, network strengthening needs and cost estimates submitted by the Petitioner, the Commission finds proposed scheme necessary for maintaining system reliability and ensuring adequate transformation capacity to meet the future demand in the area.

(i) Further, the Commission undertook a prudence check of the IRR calculation and observes that the IRR of the scheme is 18.84%, which is higher than the rate of interest on loan considered by the Commission in the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the

Commission approves the scheme at the revised estimated project cost of Rs. 46.48 Crore under the RTM framework.

Scheme 8: Replacement of 63 MVAR Bus Reactor with 125 MVAR Bus Reactor at 400/220/132 kV Orai S/s.

Petitioner submission

(a) The Petitioner submitted that presently the power supply of the 400/220 kV Orai substation is being maintained through the following lines:

- 400 kV Orai–Mainpuri (765) double circuit line,
- 400 kV Orai–Paricha double circuit line,
- 400 kV Orai – Orai PGCIL (765) double circuit line, and
- 400 kV Orai –Banda double circuit line.

(b) The Petitioner further submitted that during periods of solar power generation, about 190 MW of generation takes place at the 132 kV level of the 400/220 kV Orai Substation, resulting in the voltage at the 400 kV bus rising above 420 kV.

(c) A 63 MVAR Bus Reactor is installed at the 400 kV Orai Substation, on which an average loading of 67 MVAR and a maximum loading of 69 MVAR has been recorded. The Petitioner further submitted that due to increase in CO_2 and CO levels and adverse Dissolved Gas Analysis (DGA) values of the reactor oil, overheating issues are being observed.

(d) The Petitioner submitted that, considering the above circumstances, replacement of the existing 63 MVAR Bus Reactor installed at the 400 kV level of the 400/220/132 kV Orai Substation with a 125 MVAR Bus Reactor has been proposed.

S. No.	Name of Scheme	MVA / Ckm	Cost (In Rs. Cr.)
1	Replacement of 63 MVAR Bus Reactor with 125 MVAR Bus Reactor at 400/220/132 kV Orai S/s	1x125 MVA	23.23
		Total Cost	**23.23**
Revised Project Cost on account of revised Contingency rates by Project Formulation and Appraisal Division, Govt. of UP			**22.83**

(e) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure, expected timeline for completion, and estimated IRR, as

summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Tender Floated
2	Expected Date of Completion	24 months from LOI (Estimated COD: 31.10.2028)
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	17.57%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors and Appraisal Committee for the proposed scheme.

(b) The Commission observes that the 400/220 kV Orai Substation is connected through multiple 400 kV transmission lines and that substantial solar generation is being injected at the 132 kV level of the substation. The Commission further notes the Petitioner's submission that the voltage at the 400 kV bus rises above 420 kV during periods of high solar generation.

(c) The Commission further observes that the existing 63 MVAR Bus Reactor is operating beyond its rated capacity, with average and maximum loading reported at 67 MVAR and 69 MVAR, respectively. The Commission also notes the Petitioner's submission regarding increase in CO_2 and CO levels and adverse DGA values indicating overheating issues in the existing reactor.

(d) The Commission is of the view that replacement of the existing 63 MVAR Bus Reactor with a 125 MVAR Bus Reactor would assist in voltage regulation and enhance operational reliability of the substation under the prevailing network conditions.

(e) In this regard, Regulation 7.2 of UPERC (Modalities of Tariff Determination) Regulations, 2023, read along with UPERC (MYT for Transmission) Regulation, 2025 (as amended) provides that augmentation and strengthening works that are part of STU transmission plan is to be carried out by the respective developer under RTM. The relevant extract of the same is reproduced as below:

"7.2 Implementation of augmentation/ strengthening works

(excluding O&M works) at the intra-State transmission substation and/or line, being part of the STU Transmission Plan, shall be carried out by the respective developer in accordance with the provisions under Section 62 of the Act read with UPERC (Multi Year Tariff for Distribution and Transmission) Regulations 2019, as amended from time to time, for which the STU shall obtain prior approval of the Commission on case-to-case basis."

As per above, the Scheme is considered for implementation under RTM mode.

(f) Based on the system requirements, network strengthening needs and cost estimates submitted by the Petitioner, the Commission finds the proposed scheme necessary for ensuring reliable operation of the substation and maintaining system stability.

(g) Further, the Commission undertook a prudence check of the IRR calculation and observes that the IRR of the scheme is 16.06%, which is higher than the rate of interest on loan considered by the Commission in the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the Commission approves the scheme at the revised estimated project cost of Rs. 22.83 Crore under the RTM framework.

Scheme 9: Up-gradation of 132/33 kV (1x63+2x40) MVA Salempur (Deoria) to 220 kV Voltage (GIS) 2x160 MVA and Associated Lines.

Petitioner submission

(a) The Petitioner submitted that the power supply of Deoria district is presently being maintained through 132 kV S/s Deoria (1x63+2x40 MVA), 132 kV S/s Salempur (1x63+2x40 MVA), 132 kV S/s Puranachhapar (2x40 MVA) and 132 kV S/s Rudrapur (1x63+1x40 MVA) substations.

(b) The Petitioner further submitted that the principal source for the aforesaid substations is the 220/132 kV Deoria Substation (2×160 MVA + 1×100 MVA), which is presently operating at a peak load of 305 MVA (72.5% loading)

(c) In order to reduce the overloading on the 220/132 kV Deoria Substation and 132 kV Salempur Substation, and to provide source for the proposed 132 kV Bhatpar Rani (2×40 MVA) and 132 kV Barhaj (2×40 MVA) Substations, upgradation of the existing 132 kV Salempur Substation to

the 220 kV voltage level has been considered necessary.

(d) Accordingly, the upgradation of the existing 132/33 kV (1×63 MVA + 2×40 MVA) Salempur (Deoria) Substation to 220 kV Voltage (GIS) 2×160 MVA along with associated lines has been proposed.

S. No.	Name of Scheme	MVA / Ckm	Cost (In Rs. Cr.)
1	Up-gradation of the existing 132/33 kV Salempur (Deoria) S/s to 220 kV Voltage GIS 2×160 MVA	2x160 MVA	117.15
2	LILO (Line in Line Out) of the 220 kV Rasra- Deoria Line at the proposed 220 kV Salempur S/s	2x3.3 km	13.23
		Total Cost	**130.38**
Revised Project Cost on account of revised RoW Compensation rates & revised Contingency rates by Project Formulation and Appraisal Division, Govt. of UP			**129.06**

(e) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure, expected timeline for completion, and estimated IRR, as summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Tendering Stage
2	Expected Date of Completion	18 months from LOI (Estimated COD: 30.06.2028)
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	14.34%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors, Appraisal Committee, ETF and CEA for the proposed scheme.

(b) The Commission observes that the existing 220/132 kV Deoria Substation is the principal source for a number of 132 kV substations in the district and is operating at a peak load of 305 MVA. The Commission further notes the Petitioner's submission regarding the requirement of providing source to the proposed 132 kV Bhatpar Rani and 132 kV Barhaj Substations.

(c) The Commission further observes that the proposed upgradation of the existing 132/33 kV Salempur Substation to 220 kV GIS level with 2×160 MVA transformation capacity, along with LILO of the 220 kV Rasra-Deoria Line, has been envisaged to strengthen the transmission network in the area and improve power supply arrangements in Deoria district.

(d) The Commission is of the view that the proposed scheme shall enhance transformation capacity, improve operational flexibility, reduce loading on the existing source substations and facilitate reliable power supply to the existing as well as future load centres in the area.

(e) In this regard, Regulation 7.2 of UPERC (Modalities of Tariff Determination) Regulations, 2023, read along with UPERC (MYT for Transmission) Regulation, 2025 (as amended) provides that augmentation and strengthening works that are part of STU transmission plan is to be carried out by the respective developer under RTM. The relevant extract of the same is reproduced as below:

> *"7.2 Implementation of augmentation/ strengthening works (excluding O&M works) at the intra-State transmission substation and/or line, being part of the STU Transmission Plan, shall be carried out by the respective developer in accordance with the provisions under Section 62 of the Act read with UPERC (Multi Year Tariff for Distribution and Transmission) Regulations 2019, as amended from time to time, for which the STU shall obtain prior approval of the Commission on case-to-case basis."*

As per above, the Scheme is considered for implementation under RTM mode.

(j) Based on the system requirements, network strengthening needs and cost estimates submitted by the Petitioner, the Commission finds the proposed scheme necessary for enhancing system reliability and ensuring adequate transmission capacity in the area.

(k) Further, the Commission undertook a prudence check of the IRR calculation and observes that the IRR of the scheme is 12.67%, which is higher than the rate of interest on loan considered by the Commission in the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the Commission approves the scheme at the revised estimated project cost of Rs. 129.06 Crore under the RTM framework.

Scheme 10: 132/33 kV 2x40 MVA Narayanpur (Deoria) S/s and Associated Line and Bay.

Petitioner submission

(a) The Petitioner submitted that the 132 kV Kasia Substation (3×63 MVA)

and the 132 kV Puranachhapar Substation (2×40 MVA) are operating at peak loads of 136 MVA (72% loading) and 54 MVA (67.5% loading), respectively

(b) The Petitioner submitted that the 33 kV Baghochghat (1×5 MVA + 1×10 MVA) and Mahuadih (2×5 MVA) Substations are presently being fed from the 132 kV Kasia Substation through feeders of 43 km and 45 km, respectively. Additionally, the 33 kV substation Pathardeva (2x5 MVA) is being fed from the 132 kV substation Puranachhapar, Deoria, through a feeder length of 38 km.

(c) The Petitoner submitted that due to the long length of these 33 kV feeders, issues such as low voltage and frequent breakdowns are being experienced in the area.

(d) The Petitioner further submitted that, upon construction of the proposed 132/33 kV (2×40 MVA) Narayanpur (Deoria) Substation and connecting the 33 kV feeders to it, the length of the 33 kV Baghochghat shall reduce from 43 km to 8 km, the 33 kV Mahuadih feeder from 45 km to 13 km, and the 33 kV Pathardeva feeder from 38 km to 24 km.

(e) The Petitioner submitted that the proposed scheme would also reduce overloading on the 132 kV substations Kasia and Puranachhapar. The Petitioner further submitted that PuVVNL, Varanasi has included the construction of new 33 kV lines for connectivity of the 33 kV Baghochghat, Pathardeva and Mahuadih Substations with the proposed 132 kV Narayanpur Substation in its Business Plan for FY 2025-26.

S. No.	Name of Scheme	MVA / Ckm	Cost (In Rs. Cr.)
1	132/33 kV 2x40 MVA Narayanpur (Deoria) S/s	2x40 MVA	40.25
2	LILO (Line in Line Out) of the 132 kV Deoria (220)- Kasia Line at the proposed 132 kV Narayanpur S/s	2x16.20 km	13.10
	Execution of 11 kV Line Splitting Work (cost to be determined based on field estimates)	-	0.05
		Total Cost	**53.40**
Revised Project Cost on account of revised RoW Compensation rates & revised Contingency rates by Project Formulation and Appraisal Division, Govt. of UP			**54.75**

(f) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure, expected timeline for completion, and estimated IRR, as

summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Pre-Tendering Process
2	Expected Date of Completion	12 months from LOI (Estimated COD: 31.12.2027)
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	13.66%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors, Appraisal Committee, ETF and CEA for the proposed scheme.

(b) The Commission observes that the 132 kV Kasia Substation (3×63 MVA) and the 132 kV Puranachhapar Substation (2×40 MVA) are presently operating at peak loads of 136 MVA (72% loading) and 54 MVA (67.5% loading), respectively. The Commission further notes that the 33 kV Baghochghat, Mahuadih and Pathardeva Substations are being fed through long 33 kV feeders from the existing source substations.

(c) The Commission further observes that due to the long feeder lengths, issues relating to low voltage and frequent breakdowns are being experienced in the area. The proposed construction of the 132/33 kV, 2×40 MVA Narayanpur (Deoria) Substation, along with LILO of the 132 kV Deoria (220)-Kasia Line, has been envisaged to address these issues and strengthen the transmission network in the area.

(d) The Commission notes that, upon commissioning of the proposed substation, the feeder length of 33 kV Baghochghat, Mahuadih and Pathardeva feeders shall be substantially reduced. The Commission is of the view that the proposed scheme shall improve voltage profile, enhance reliability of supply and reduce loading on the existing 132 kV Kasia and Puranachhapar Substations.

(e) The Commission further notes the Petitioner's submission that construction of the associated 33 kV lines for connectivity of Baghochghat, Pathardeva and Mahuadih Substations to the proposed Narayanpur Substation has been included by PuVVNL, Varanasi in its Business Plan for FY 2025-26.

(f) In this regard, Regulation 7.1 of UPERC (Modalities of Tariff Determination) Regulations, 2023 provides as follows:

"7.1 Tariff for all other intra-State transmission projects not covered under Regulation 6.1, being part of the STU Transmission Plan, shall be determined in accordance with RTM framework under Section 62 of the Act."

From the above, it is observed that intra-State transmission projects which are not covered under Regulation 6.1 shall be covered under Regulation 7.1 and will be governed under RTM framework. Accordingly, this project being of 132 kV voltage level is not covered under Regulation 6.1 and hence shall be considered under RTM.

(l) Based on the system requirements, network strengthening needs and cost estimates submitted by the Petitioner, the Commission finds the proposed scheme necessary for improving voltage regulation, enhancing reliability of supply and ensuring adequate transmission infrastructure in the area.

(m) Further, the Commission undertook a prudence check of the IRR calculation and observes that the IRR of the scheme is 12.33%, which is higher than the rate of interest on loan considered by the Commission in the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the Commission approves the scheme at the revised estimated project cost of Rs. 54.75 Crore under the RTM framework.

Scheme 11: 132/33 kV 2x40 MVA Jhansi-II S/s and Associated Lines.

Petitioner submission

(a) The Petitioner submitted that power supply in Jhansi district is presently being maintained through the 220/132/33 kV Dunara Substation (2×100 MVA + 3×40 MVA) and the 132 kV Hansari Substation (3×63 MVA)

(b) Considering the upcoming residential colonies in Jhansi city and the anticipated increase in electricity demand in the future, there is a requirement for construction of a 132/33 kV Jhansi Substation to ensure uninterrupted power supply.

(c) The Petitioner submitted that construction of a 132/33 kV, 2×40 MVA

Jhansi-II Substation along with LILO of the 132 kV Paricha (400)-Dunara Line132kV at Jhansi-II S/s has been proposed. The Petitioner further submitted that upon construction of the proposed substation, loading on the existing 132 kV Hansari Substation shall be reduced

(d) The Petitioner submitted that the existing 33 kV substations under the distribution unit, such as Sutigil, Unnao Gate, Munnalal Powerhouse, Sipri, Medical, and the approved substations under the distribution sector such as Awas Vikas Yojana, Radhe-Radhe, Anshal City, Athaudna, and Betwa Vihar, etc., shall be fed from this proposed substation.

S. No.	Name of Scheme	MVA / CKm	Cost (In Rs. Cr.)
1	132/33 kV 2x40 MVA Jhansi-II S/s (Double Main and Transfer Bus scheme).	2x40 MVA	38.42
2	LILO of 132 kV Paricha (400)- Dunara Line at 132 kV Jhansi-II S/s	2x28 km	21.82
		Total Cost	**60.24**
Revised Project Cost on account of revised RoW Compensation rates & revised Contingency rates by Project Formulation and Appraisal Division, Govt. of UP			**63.13**

(e) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure, expected timeline for completion, and estimated IRR, as summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Pre-Tendering Process
2	Expected Date of Completion	12 months from LOI (Estimated COD: 31.12.2027)
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	13.66%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors, Appraisal Committee, ETF and CEA for the proposed scheme.

(b) The Commission observes that the proposed construction of the 132/33 kV, 2×40 MVA Jhansi-II Substation, along with LILO of the 132 kV Paricha (400)-Dunara Line, has been envisaged to strengthen the transmission network and cater to future load growth in the area.

(c) The Commission notes that the proposed scheme is expected to reduce loading on the existing 132 kV Hansari Substation and facilitate power supply to existing as well as planned 33 kV substations in Jhansi city.

(d) The Commission is of the view that the proposed scheme shall enhance system reliability, improve operational flexibility and ensure adequate transmission infrastructure for meeting the growing demand in the area.

(e) In this regard, Regulation 7.1 of UPERC (Modalities of Tariff Determination) Regulations, 2023 provides as follows:

"7.1 Tariff for all other intra-State transmission projects not covered under Regulation 6.1, being part of the STU Transmission Plan, shall be determined in accordance with RTM framework under Section 62 of the Act."

From the above, it is observed that intra-State transmission projects which are not covered under Regulation 6.1 shall be covered under Regulation 7.1 and will be governed under RTM framework. Accordingly, this project being of 132 kV voltage level is not covered under Regulation 6.1 and hence shall be considered under RTM.

(f) Based on the system requirements, network strengthening needs and cost estimates submitted by the Petitioner, the Commission finds the proposed scheme necessary for enhancing reliability and ensuring a secure power supply arrangement in the area.

(n) Further, the Commission undertook a prudence check of the IRR calculation and observes that the IRR of the scheme is 12.46%, which is higher than the rate of interest on loan considered by the Commission in the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the Commission approves the scheme at the revised estimated project cost of Rs. 63.13 Crore under the RTM framework.

Scheme 12: 765/400 kV4x1500 MVA AIS Mirzapur Pooling S/s and Associated Bays.

Petitioner submission

(a) The Petitioner submitted that power evacuation is required for the

upcoming thermal and Pumped Storage Projects (PSPs) in the region. The Petitioner submitted that as per the Power Supply Agreements (PSAs) executed by UPPCL:

- Mirzapur Thermal Energy (1600 MW)- likely COD: March 2029 (PSA Dt. 16.05.2025)
- PSP (JSW) (1500 MW)- likely COD: September 2029 (PSA Dt. 30.04.2025)
- Adani Saur Urja Ltd. (1250 MW)- likely COD: March 2030 (PSA Dt. 23.04.2025)

(b) The Petitioner further submitted that the proposed scheme has also been planned considering upcoming generating stations such as:

- 3x800 MW Meja-II
- 2x800 MW Anpara-E
- 2x800 MW Obra-D

(c) The Petitioner submitted that the scheme is proposed to be implemented under the RTM mode, subject to approval of the Commission.

(d) The Petitioner submitted that the 765 kV Mirzapur Pooling Substation shall be connected to the 765 kV Bara Substation through a 765 kV Double Circuit transmission line and, for this purpose, two 765 kV bays shall be constructed at the 765 kV Bara Substation.

(e) The Petitioner submitted that construction of a 765/400 kV, 4×1500 MVA Mirzapur Pooling Substation through AIS configuration has been proposed, including;

- 330 MVAr, 765 kV Bus Reactor
- 125 MVAr, 400 kV Bus Reactor
- 02 nos. of 765 kV Bays at the 765 kV Bara Substation.

(f) The Petitioner further submitted that the proposed 765 kV Mirzapur Pooling Substation is of strategic importance as it is intended to facilitate evacuation of power from upcoming PSPs and IPPs. Accordingly, the Petitioner requested that the scheme be allowed under the RTM framework in terms of Regulation 6.1(a) of the UPERC (Modalities of Tariff Determination) Regulations, 2023.

(g) The Petitioner submitted that, as per the Government of Uttar Pradesh letter dated 18.05.2026, the State Government shall provide 20% equity investment under Green Energy Corridor-III (GEC-III). Further, in the event the project is not approved under GEC-III within the stipulated timeline, the State Government shall provide 30% equity investment, and the project shall be financed on a 70:30 debt-equity basis.

Interim Plan

(h) The Petitioner further submitted that it has informed CEA that M/s Mirzapur Thermal Energy (UP) Pvt. Ltd. (MTEUPPL) had sought connectivity with the Petitioner at the 400 kV level for its 2×800 MW thermal power project. The transmission system for connecting MTEUPPL Thermal Power Project (2x800 MW) was agreed at 765kV Mirzapur Pooling Station which was finalization of GEC-III evacuation scheme. The Petitioner submitted that, in case of delay in implementation of the proposed 765 kV Mirzapur Pooling Substation, it has proposed direct connectivity of the thermal project with the existing 400 kV Sahupuri Substation.

(i) The Petitioner further submitted that CEA has informed that the proposed arrangement shall be reviewed based on the actual SCOD of the thermal project, implementation timeline of Mirzapur Pooling Substation and prevailing grid conditions.

(j) The Petitioner also submitted that it has been advised to approach CEA/RPC at least a year prior to commissioning of the thermal project and to undertake augmentation of the intra-State transmission system associated with the Mirzapur Pooling Substation scheme.

S. No.	Name of Scheme	MVA / Ckm	Cost (In Rs. Cr.)
1	Construction of 765/400 kV 4×1500 MVA Mirzapur Pooling Substation through AIS (Air Insulated Substation) scheme, including: • 330 MVAr, 765 kV bus reactor • 125 MVAr, 400 kV bus reactor • 02 Nos. of 765 kV bays at the 765 kV Bara Substation	4x1500 MVA	1,315.91
		Total Cost	**1,315.91**

(k) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing

structure, expected timeline for completion, and estimated IRR, as summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Tender Floated
2	Expected Date of Completion	36 months from LOI
3	Source of Financing	State Government Equity- 30% Loan (PFC/REC)- 70%
4	Internal Rate of Return (IRR)	63.84%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of the TWC, Board of Directors, Appraisal Committee, ETF and CEA and GoUP for the proposed scheme.

(b) The Commission observes that the proposed scheme has been planned for evacuation of power from upcoming thermal generating stations, Pumped Storage Projects (PSPs) and renewable energy projects in the region, including Mirzapur Thermal Energy (1600 MW), JSW PSP (1500 MW), Adani Saur Urja Ltd. (1250 MW), Meja-II, Anpara-E and Obra-D.

(c) The Commission further observes that the proposed 765/400 kV, 4×1500 MVA Mirzapur Pooling Substation, along with associated reactors and bays at the 765 kV Bara Substation, is intended to serve as a major pooling and evacuation node for the upcoming generation capacity in the State.

(d) The Commission notes the submission of the Petitioner that the proposed Mirzapur Pooling Substation is of importance for evacuation of power from upcoming PSPs and IPPs and has been proposed for implementation under the RTM framework.

(e) The Commission further notes that, as per the Government of Uttar Pradesh letter dated 18.05.2026, the State Government has proposed equity participation in the project under Green Energy Corridor-III (GEC-III) and has also indicated provision of equity support in case the scheme is not approved under GEC-III within the stipulated timeline.

(f) In this regards, Regulation 6.1 of the UPERC (Modalities of Tariff Determination) Regulations, 2023 provides that all new greenfield intra-State transmission projects of 220 kV & above voltage level, being part of the STU Transmission Plan, shall be implemented through Tariff Based

Competitive Bidding (TBCB) in accordance with the guidelines issued under Section 63 of the Act and any deviation from the guidelines should have prior approval of the Commission. The tariff of such intra-State transmission projects shall be discovered under Section 63 of the Act. However, the proviso to Regulation 6.1(a) provides that Intra-State transmission projects of strategic importance or works required for catering to an urgent situation, where proposal of such importance or urgency is supported by the recommendation of the State Government, shall be covered under the RTM framework under Section 62 of the Act, subject to prior approval of the Commission.

(g) The Commission observes that the proposed scheme is a new greenfield 765 kV transmission project and forms part of the planned evacuation system for upcoming generation projects in the State. The Commission further notes that the Petitioner has claimed the project to be of importance and that the proposal is supported by the State Government through its communication dated 18.05.2026. Considering the significance of the proposed pooling station for evacuation of power from upcoming thermal, hydro and renewable energy projects, strengthening of the intra-State transmission network, and the support extended by the State Government, the Commission is satisfied that the scheme should be considered under the proviso to Regulation 6.1(a) of the UPERC (Modalities of Tariff Determination) Regulations, 2023. Accordingly, the Commission allows the scheme to be implemented under the RTM framework.

(h) Based on the generation evacuation requirement, network planning considerations, system strengthening needs and cost estimates submitted by the Petitioner, the Commission finds the proposed scheme necessary for ensuring adequate transmission infrastructure and reliable evacuation of power from the upcoming generation projects.

(i) Further, the Commission undertook a prudence check of the IRR calculation and observes that the IRR of the scheme is 29.91%, which is higher than the rate of interest on loan considered by the Commission in the Tariff Order dated 15.04.2026 for FY 2026-27. Accordingly, the Commission approves the scheme at the estimated project cost of Rs.

1,315.91 Crore under the RTM framework.

Schemes to be implemented under TBCB Mode:

Scheme 1: 765 kV Bara- Mirzapur Pooling S/s DC Line- 107 km.

Petitioner submission

(a) The Petitioner submitted 765 kV Bara- Mirzapur Pooling S/s DC transmission line has been proposed to provide 3500 MW power supply for evacuation and charging requirements of under construction pumped storage projects:

- JSW Neo Energy Pvt. Ltd., Kandhaura, Robertsganj- 1,500 MW
- Adani Saur Urja Ltd., Panwara, Robertsganj- 1,250 MW

S. No.	Name of work	MVA / CKm	Cost (In Rs. Cr.)
1	765 kV Bara- Mirzapur Pooling S/s DC Line- 107 km	2x107 km	942.51
Total Cost			**942.51**

(b) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure and expected timeline for completion, as summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Under Pre-Tender Stage
2	Expected Date of Completion	36 months from LOI
3	Source of Financing	TBCB Developer- 100%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors, Appraisal Committee and ETF for the proposed scheme.

(b) The Commission notes that the proposed 765 kV Bara-Mirzapur Pooling Station Double Circuit Transmission Line (107 km) is intended to facilitate evacuation and charging requirements of the upcoming Pumped Storage Projects in the Mirzapur-Sonbhadra region, i.e. JSW Neo Energy Pvt. Ltd. (1,500 MW) and Adani Saur Urja Ltd. (1,250 MW), and forms part of the transmission system planned for integration of upcoming generation projects in the region. Further the commission also notes that there is a provision for Lilo at Meja TPS for evacuation of power from Meja TPP.

(c) The Commission is of the view that the proposed transmission line is an essential element of the generation evacuation network and shall strengthen the State transmission system by providing adequate transmission capacity for evacuation of power from the upcoming generation projects.

(d) Further, as per Regulation 6.1 of UPERC (Modalities of Tariff Determination) Regulations 2023, all new greenfield intra-State transmission projects of 220 kV and above voltage level need to be implemented through TBCB. Accordingly, schemes having an estimated cost of Rs. 942.51 Crore is approved under TBCB mode in accordance with UPERC (Modalities of Tariff Determination) Regulations 2023.

Scheme 2: 400 kV Mirzapur Pooling S/s (765)- Mirzapur Thermal Energy (Quad Moose) DC Line- 18.50 km & 400kV Mirzapur Pooling (765)- Sahupuri (Quad Moose) DC Line- 68 km.

Petitioner submission

(a) The Petitioner submitted that for Power evacuation of under construction Mirzapur thermal energy 2x800 MW.

(b) The Petitioner submitted that the proposed scheme has been planned for evacuation of power from the under-construction Mirzapur Thermal Energy Project (2×800 MW) in Mirzapur district, Uttar Pradesh. Mirzapur Thermal Energy is developing a 2×800 MW thermal power project in Mirzapur district, Uttar Pradesh. As per the PSA with UPPCL, the generated power share is to be delivered to UPPCL from the generator bus bar.

(c) The Petitioner submitted that the scheme comprises construction of the following transmission lines:

- 400 kV Mirzapur Pooling Substation (765) – Mirzapur Thermal Energy (Quad Moose) D/C Line (18.5 km)
- 400 kV Mirzapur Pooling Substation (765) – Sahupuri (Quad Moose) D/C Line (68 km) (up to the LILO point of 400 kV Varanasi PG (765) – Bihar Sharif D/C line)

S. No.	Name of work	MVA / Km	Revised Cost (In Rs. Cr.)
1	400 kV Mirzapur Pooling S/s (765)- Mirzapur Thermal Energy (Quad Moose) DC Line- 18.5 km	2x18.5 km	141.13
2	400 kV Mirzapur Pooling Substation (765)- Sahupuri (Quad Moose) DC Line (up to the LILO Point of 400 kV Varanasi PG (765) – Bihar Sharif DC Line)- 68 km	2x68 km	399.92
Total Cost			**541.05**

(d) The Petitioner has further submitted the implementation details of the proposed scheme, including the present status, proposed financing structure and expected timeline for completion, as summarized in the Table below:

S. No	Particulars	Details
1	Present Status	Under Pre-Tender Stage
2	Expected Date of Completion	36 months from LOI
3	Source of Financing	TBCB Developer- 100%

Commission's view

(a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors, Appraisal Committee and ETF for the proposed scheme.

(b) The Commission observes that the proposed scheme comprises construction of the 400 kV Mirzapur Pooling Substation (765)-Mirzapur Thermal Energy (Quad Moose) Double Circuit Line (18.5 km) and the 400 kV Mirzapur Pooling Substation (765)-Sahupuri (Quad Moose) Double Circuit Line (68 km).

(c) The Commission further notes that the proposed transmission lines have been planned for evacuation of power from the 2×800 MW Mirzapur Thermal Energy Project being developed in Mirzapur district, Uttar Pradesh. The Commission also notes that, as per the Power Supply Agreement executed with UPPCL, the power generated from the project is to be delivered to UPPCL from the generator bus bar.

(d) The Commission is of the view that the proposed transmission system forms an integral part of the transmission infrastructure required for evacuation of power from the upcoming thermal generating station and

for its integration with the State transmission network.

(e) Further, as per Regulation 6.1 of UPERC (Modalities of Tariff Determination) Regulations 2023, all new greenfield intra-State transmission projects of 220 kV and above voltage level need to be implemented through TBCB. Accordingly, schemes having an estimated cost of Rs. 541.05 Crore is approved under TBCB mode in accordance with UPERC (Modalities of Tariff Determination) Regulations 2023.

Schemes to be implemented under Deposit Mode:

33. For the ten (10) schemes proposed under the Deposit Mode, namely;

1) 132/33 kV 2x40 MVA Murtazanagar (Unnao) S/s and Associated Line.
2) 400 kV GIS Switching S/s and Associated Line for providing connection to M/s Hindalco.
3) 132 kV Bahraich (220)- Matera TSS SC Line and Strengthening of 132 kV Main Bus and 132 kV 'Bay' at 220 kV Bahraich S/s for Matera Railway TSS.
4) 132 kV Agra South (400)- TSS Bhandai 3-Phase DC Line and 02 numbers of 132 kV Bay.
5) 132 kV 3-Phase DC Line and Bay from the 132 kV Mankapur S/s to Supply Power to Maskanwa TSS.
6) 220/33 kV 4x60 MVA Saraswati Hi-Tech City (Prayagraj) GIS S/s and Associated Lines.
7) 220 kV SC Line and Bay from 400/220 kV Metro Depot S/s to meet 141 MVA Load of M/s Avaada Electron Ltd.
8) 220 kV SC Line and 'Bay' from 765/400/220 kV Jahangirpur (WUPPTCL) Greater Noida S/s to meet 160 MVA Load of M/s SAEL Industrial Ltd.
9) 220 kV SC Line and Bay from 765/400/220 kV Jahangirpur (WUPPTCL) Greater Noida S/s to meet 47 MVA Load of M/s CESC Green Power Ltd.
10) 132 kV 3-Phase DC Line and Bay from 220/132 kV Kirawali S/s to provide power supply to Farah TSS.

The Commission, vide its Order dated 30.08.2023 in Petition No. 1995 of 2023 pertaining to approval of capital expenditure schemes for the 3rd and 4th quarters of FY 2022-23, has made the following observations:

Quote

"Commission's view:

The Commission has considered the submission of the Petitioner seeking relaxation for prior approval of deposit schemes. In this regard, the relevant extract of the UPERC (Modalities of Tariff Determination) Regulations, 2023 is reproduced below:

"------Provided that following new greenfield intra-State transmission projects, being part of the STU Transmission Plan, shall be covered under RTM framework (under Section 62 of the Act) subject to prior approval of the Commission:

(d) Deposit works, whose funds are accounted for under consumer contribution;

From above, it is observed that Regulation 6.1 of UPERC (Modalities of Tariff Determination) Regulations, 2023 requires UPPTCL to seek prior approval of the Commission for deposit schemes. However, the Commission is of view that since deposit work schemes are to be implemented as and when required by the consumer/user for which there is no prior information to UPPTCL and that the cost of such schemes are not passed on in ARR/ tariff as all the works are carried out at the expenses of particular users/consumers therefore, the Commission in exercise of its powers conferred under Regulations 9 of UPERC (Modalities of Tariff Determination) Regulations, 2023 has relaxed the requirement of prior approval of the Commission for deposit work schemes. However, UPPTCL is directed to continue to intimate about the deposit work schemes on quarterly basis."

Unquote

34. Considering the above, the Commission notes that the requirement of obtaining prior approval for deposit work schemes has already been relaxed vide its Order dated 30.08.2023 in Petition No. 1995 of 2023, considering the nature of such schemes and the fact that the associated expenditure is borne by the concerned consumer/user and is not passed through in the ARR/Tariff. Accordingly, the Petitioner shall continue to undertake such deposit works and shall keep the Commission apprised of all such schemes on a quarterly basis, in accordance with the directions issued by the Commission.

35. In view of foregoing, the summary of capital expenditure schemes approved for 2nd, 3rd and 4th quarter of FY 2025-26 are as below: -

S. No.	Scheme No.	Name of Scheme	Type	Petitioner Submission		Commission Computed and Approved	
				Amount (Rs. Cr.)	IRR (%)	Amount (Rs. Cr.)	IRR (%)
RTM Mode							

S. No.	Scheme No.	Name of Scheme	Type	Petitioner Submission		Commission Computed and Approved	
				Amount (Rs. Cr.)	IRR (%)	Amount (Rs. Cr.)	IRR (%)
1	Scheme No.1	132/33 kV 2x40 MVA Unchahar (Raebareli) S/s and Associated Lines	New	65.04	13.07	65.04	12.00
2	Scheme No.2	Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) S/s from 4x63 MVA to 2x100+2x63 MVA	Augmentation	22.83	17.13	22.83	16.11
3	Scheme No.3	Capacity Augmentation at 220/132/33 kV Noida Sector-20 (Gautam Buddh Nagar) from 3x160 MVA to 4x160 MVA	Augmentation	24.69	28.39	24.69	25.84
4	Scheme No.4	Capacity Augmentation at 400/220/132/33 KV Noida Sector-148 (Gautam Buddh Nagar) Sub-station from 2x160 MVA to 3x160 MVA	Augmentation	32.31	23.75	32.31	21.81
5	Scheme No.5	LILO of 220 kV Vrindavan (220)- Chhata (220) Line at 400 kV S/s Mant (Mathura) and Other Associated works	Line Strengthening	32.23	17.34	32.23	16.29
6	Scheme No.6	132/33 kV 2x63 MVA AIS Sujdu (Muzaffarnagar City) S/s and Associated Lines	New	78.82	15.68	78.82	14.21
7	Scheme No.7	Capacity Augmentation at 400/220 kV Agra S/s from 2x500+1x315 MVA to 3x500 MVA	Augmentation	46.48	20.37	46.48	18.84
8	Scheme No.8	Replacement of 63 MVAR Bus Reactor with 125 MVAR Bus Reactor at 400/220/132 kV Orai S/s	Strengthening	22.83	17.57	22.83	16.06
9	Scheme No.9	Up-gradation of 132/33 kV (1x63+2x40) MVA Salempur (Deoria) to 220 kV Voltage (GIS) 2x160 MVA and Associated Lines	Augmentation	129.06	14.34	129.06	12.67
10	Scheme No.10	132/33 kV 2x40 MVA Narayanpur (Deoria) S/s and Associated Line and Bay	New	54.75	13.66	54.75	12.33
11	Scheme No.11	132/33 kV 2x40 MVA Jhansi-II S/s and Associated Lines	New	63.13	13.66	63.13	12.46
12	Scheme No.12	765/400 kV 4x1500 MVA AIS Mirzapur Pooling S/s and Associated Bays	New	1,315.91	63.84	1,315.91	29.91
TBCB Mode							
13	Scheme No.1	765 kV Bara- Mirzapur Pooling S/s DC Line- 107 km *(CEA Minutes Dt. 19.09.2025)*	New	942.51	-	942.51	-
14	Scheme No.2	400 kV Mirzapur Pooling S/s (765)- Mirzapur Thermal Energy (Quad Moose) DC Line- 18.5 km *(CEA Minutes Dt. 19.09.2025)*	New	141.13	-	141.13	-
		400 kV Mirzapur Pooling S/s (765)- Sahupuri (Quad Moose) DC Line- 68 km *(CEA Minutes Dt. 19.09.2025)*	New	399.92	-	399.92	-

S. No.	Scheme No.	Name of Scheme	Type	Petitioner Submission		Commission Computed and Approved	
				Amount (Rs. Cr.)	IRR (%)	Amount (Rs. Cr.)	IRR (%)
Deposit Mode							
15	Scheme No.1	132/33 kV 2x40 MVA Murtazanagar (Unnao) S/s and Associated Line	New	65.61	-	65.61	-
16	Scheme No.2	400 kV GIS Switching S/s and Associated Line for providing connection to M/s Hindalco	New	272.69	-	272.69	-
17	Scheme No.3	132 kV Bahraich (220)-Matera TSS SC Line and Strengthening of 132 kV Main Bus and 132 kV 'Bay' at 220 kV Bahraich S/s for Matera Railway TSS	New	31.60	-	31.60	-
18	Scheme No.4	132 kV Agra South (400)-TSS Bhandai 3-Phase DC Line and 02 numbers of 132 kV Bay	New	30.65	-	30.65	-
19	Scheme No.5	132 kV 3-Phase DC Line and Bay from the 132 kV Mankapur S/s to Supply Power to Maskanwa TSS	New	20.73	-	20.73	-
20	Scheme No.6	220/33 kV 4x60 MVA Saraswati Hi-Tech City (Prayagraj) GIS S/s and Associated Lines	New	238.69	-	238.69	-
21	Scheme No.7	220 kV SC Line and Bay from 400/220 kV Metro Depot S/s to meet 141 MVA Load of M/s Avaada Electron Ltd.	New	84.19	-	84.19	-
22	Scheme No.8	220 kV SC Line and 'Bay' from 765/400/220 kV Jahangirpur (WUPPTCL) Greater Noida S/s to meet 160 MVA Load of M/s SAEL Industrial Ltd.	New	45.29	-	45.29	-
23	Scheme No.9	220 kV SC Line and Bay from 765/400/220 kV Jahangirpur (WUPPTCL) Greater Noida S/s to meet 47 MVA Load of M/s CESC Green Power Ltd.	New	51.17	-	51.17	-
24	Scheme No.10	132 kV 3-Phase DC Line and Bay from 220/132 kV Kirawali S/s to provide power supply to Farah TSS	New	27.24	-	27.24	-

36. The approval on above schemes under RTM, TBCB & Deposit framework is accorded, subject to be part of STU Transmission Rolling Plan. However, UPPTCL is directed to adhere following principles for its future proposals:

(a) The schemes requiring approval only from Appraisal Committee shall be filed as soon as it is approved by the Appraisal Committee. The Petitioner shall not delay in filing petition & execution of these schemes in lieu of filing a single petition by combining schemes (exceeding 50 Crore) which

require ETF approval, as ETF approval may take longer time and may delay the approval & execution of these schemes.

(b) The various equipment and material or execution of the schemes shall be procured through a fair and transparent competitive bidding process.

(c) All works shall be carried out in compliance with the Act/Regulations/Rules/Standards of Commission/CEA or any other competent authority as applicable.

(d) The licensee shall submit the completion report indicating the actual cost incurred in implementation of the scheme. The final cost and quantity will be subject to verification by way of prudence check/truing up at the time of final approval/capitalization during the approval of Tariff.

(e) The Licensee shall, in future, be at liberty to approach the Commission for approval of any revision in the cost of the above schemes arising on account of changes due to Government Orders, including those pertaining to ROW compensation.

(f) With respect to the observations of the Commission regarding Deposit Schemes, the Licensee shall, in future, be at liberty to intimate the Commission regarding any revision in the cost of the Deposit Schemes arising on account of Government Orders, including those pertaining to Right of Way (RoW) compensation, Contigency norms etc,.

(g) It is observed that the approval of the TWC, BOD, Appraisal Committee and ETF are not obtained in timely manner. It is noted that approval of certain schemes are taken neck to neck viz-a-viz implementation/execution on period of the schemes. Accordingly, all approval of schemes must be obtained well in advance and submitted before the Commission, otherwise it would be difficult to timely execute the scheme. This is essential to ensure that there is no shortage of power on account of adequate transmission system network.

(h) It is further observed that specific execution timelines have been provided for all the schemes covered under the present expenditure plan. Accordingly, the Licensee shall ensure that all schemes, particularly those relating to system strengthening and augmentation, are implemented

within the stipulated timelines so as to facilitate timely creation of the adequate transmission infrastructure.

37. In light of the revised Transmission Planning Criteria issued by the Central Electricity Authority (CEA) in 2023, all Transmission Sub-stations located in urban areas shall be planned near the load centres. The land for the Sub-stations shall be arranged to accommodate the transformation capacity as per planning criteria. During the preparation of Electrical layout of Sub-stations space for future augmentation shall be reserved.

38. During the TWC approval of Transmission schemes, spare transformation capacity and spare feeder bays must be mentioned in line with the revised transmission planning criteria of CEA.

39. Finally, the total capital expenditure approved by the Commission for FY 2025-26 is summarised shown in the Table below:

Particulars	Proposed/ Considered Expenditure in 1st Quarter of FY2025-26	Proposed/ Considered Expenditure in 2nd, 3rd & 4th Quarter of FY 2025-26	Total for FY 2025-26 (Rs. in Cr.)
New Projects	0.00	1,712.23	**1,712.23**
Augmentation/ System Strengthening	193.85	545.56	**739.41**
Deposit	151.80	986.78	**1,138.58**
TBCB*	225.23	1,483.56	**1,708.79**
Total	**570.88**	**4,728.13**	**5,299.01**

Revised Cost of TBCB Schemes (including adjustment towards revised RoW Compensation and Contingency Provisions)

40. Accordingly, in view of the above directions, the Petition is disposed of.

(Griesh Kumar Vaish)
Member (Law)

(Sanjay Kumar Singh)
Member

(Arvind Kumar)
Chairman

Place: Lucknow
Dated: 20 .08.2026