



THE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION
LUCKNOW

Petition No. 2260/2025

QUORUM

Hon'ble Shri Arvind Kumar, Chairman

Hon'ble Shri Sanjay Kumar Singh, Member

IN THE MATTER OF

Approval for implementation of 05 nos. Transmission scheme considered in TWC of 2nd to 4th Quarter of FY 2024-25 with an estimated cost of Rs. 186.65 crore in RTM mode in terms of Regulation 32.2 of Uttar Pradesh Electricity Regulatory Commission (Multi-Year Tariff for Distribution and Transmission) Regulations, 2019.

AND

IN THE MATTER OF

Uttar Pradesh Power Transmission Corporation Ltd.

Director (Planning and Commercial), Shakti Bhawan, 14-Ashok Marg, Lucknow,
Uttar Pradesh, Pin-226001

..... Petitioner

THE FOLLOWING WERE PRESENT

1. Sh. A.K. Shukla, SE (P&C), UPPTCL
2. Sh. Satyendra Kumar, SE (P&C), UPPTCL
3. Sh. Saurabh Yadav, AE, UPPTCL

ORDER

(DATE OF HEARING: 18.11.2025)

1. The instant Petition has been filed by UPPTCL seeking approval for implementation of 05 nos. transmission scheme considered in TWC of 2nd to 4th Quarter of FY 2024-25 with an estimated cost of Rs. 186.65 Crore in RTM mode in terms of Regulation 32.2 of UPERC (Multi-Year Tariff for Distribution and Transmission) Regulations, 2019. The Prayers of the Petitioner are as follows:

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- (a) Approve the Capital Investment of Rs 186.65 Cr. in RTM mode, as part of investment plan for FY 2024-25 (for projects above Rs. 20 Cr.), considered by Transmission Work Committee meetings held in 2nd to 4th Quarter of FY 2024-25.
- (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 of the Petition

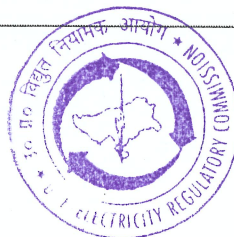
2. Regulation 32.2 of the MYT Regulations, 2019 provides that the Petitioner is required to obtain prior approval of the Commission on a quarterly basis for all capital expenditure schemes of 220 kV and above, as well as for any other capital expenditure exceeding Rs. 20 crores.
3. The Petitioner has submitted its Capital Expenditure for FY 2024-25 along with the Tariff Petition for FY 2025-26, wherein a total capital investment of Rs. 4,483.62 crore has been proposed for FY 2024-25. The summary of the proposed capital expenditure as submitted is detailed below:

S. No.	Capex	FY 2024-25
1	On-going Projects/New Projects	1930.30 Cr.
2	Green Energy Corridor II (Solar Power)	1929.23 Cr.
3	Deposit Works	624.09 Cr.
Total		4,483.62 Cr.

4. The Petitioner has further provided the details of the capital expenditure proposed up to the 4th Quarter of FY 2024-25 is detailed below:

S. No.	Particulars	Proposed/ Considered Expenditure in 1 st Qtr. of FY 2024-25	Proposed/ Considered Expenditure in 2 nd to 4 th Qtr. of FY 2024-25	Total
1	New Projects & Augmentation /System Strengthening	95.93 Cr.	667.26 Cr.	763.19 Cr.
2	Deposit	5.05 Cr.	326.16 Cr.	331.21 Cr.

15





S. No.	Particulars	Proposed/ Considered Expenditure in 1 st Qtr. of FY 2024-25	Proposed/ Considered Expenditure in 2 nd to 4 th Qtr. of FY 2024-25	Total
3	TBCB	6.35 Cr.	-	6.35 Cr.
Total		107.33 Cr.	993.42 Cr.	1,100.75 Cr.

5. During the 2nd to 4th Quarter of FY 2024-25 from 01.07.2024 to 31.03.2025, 06 meetings of Transmission Works Committee (TWC) have been conducted wherein the transmission works, as per requirement of the intra-State transmission network, have been approved. The details of five schemes (for projects above Rs. 20 Cr.) in RTM mode are as follows:

S. No.	Name of Element	Cost (In Rs. Cr.)	Approvals			
			TWC	Board of Directors	Appraisal Committee	ETF
(A) RTM Mode						
1	Augmentation of 220/132/33 kV Sector-129 from 2x100+2x63 to 4x100 MVA, Gautam Buddha Nagar	22.03	TWC 14/23rd Dt. 15.07.2024	08.08.24	14.11.2024 & 20.11.2024	NA
2	Augmentation of 400/220/132 kV Jehta from 2x500 to 3x500 MVA, Lucknow	65.71	TWC 14/23rd Dt. 15.07.2024	08.08.24	14.11.2024 & 20.11.2024	03.07.25
3	Augmentation of 400/220 kV Muradnagar-II from 2x240+1x315 to 1x240+2x315 MVA, Ghaziabad	30.61	TWC 7th FY 2024-25 Dt. 03.02.2025	11.03.25	03.06.25	NA
4	Augmentation at 400/220 kV GIS Bhaukhari from 2x500 to 3x500 MVA. Basti	45.08	TWC 7th FY 2024-25 Dt. 03.02.2025	11.03.25	03.06.25	NA

54





S. No.	Name of Element	Cost (In Rs. Cr.)	Approvals			
			TWC	Board of Directors	Appraisal Committee	ETF
5	Construction work of 132 kV Mallawan (220)-Bangarmau DC line & 'Bay', Unnao	23.22	TWC 7th FY 2024-25 Dt. 03.02.2025	11.03.25	03.06.25	NA
Total (RTM)		186.65				

6. The details of schemes (for projects above Rs. 20 Cr.) approved in these TWCs under deposit head are provided here under for intimation to the Commission:

S. No.	Name of Element	Cost (In Rs. Cr.)	Approvals	
			TWC	Board of Directors
1	Construction work of 132/33 KV 3x40 MVA Attari, Malihabad (PM Mitra Textile Park) Lucknow substation and related lines	97.10	TWC 6th FY 2024-25 Dt. 19.12.2024	11.03.25
2	Construction work of 220 kV Indirapuram (400) - Pratap Vihar line with underground cable instead of overhead line (1.44km)	37.72	TWC 7th FY 2024-25 Dt. 03.02.2025	11.03.25
3	Construction work of 132 kV line and 'bay' for power supply from 220/132 kV Charla S/s to DFCCIL, Sakauti (Meerut) TSS	28.91	TWC 7th FY 2024-25 Dt. 03.02.2025	11.03.25
Total (Deposit)		163.73		

7. The Commission scrutinized the Petition and observed various data gaps, which were sent to the Petitioner vide letter dated 12.09.2025 and 16.09.2025. The Petitioner vide its submission dated 23.09.2025 submitted its response to the said queries. The details of the queries raised, and the corresponding responses are summarised below:

Query No.1: The Petitioner was directed to provide the details regarding the utilisation of the 2×63 MVA transformers being released after augmentation of the existing 2×100 MVA + 2×63 MVA transformer capacity to 4×100 MVA at the 220/132/33 kV Sector-129 Substation.

124





Response submitted by Petitioner: The Petitioner has submitted that the two 63 MVA transformers released from the 220/132/33 kV Sector-129 Substation after augmentation shall be utilised for capacity enhancement from $(1 \times 63 + 2 \times 40)$ MVA to (3×63) MVA at the 132/33 kV Vaishali Substation, Ghaziabad.

Query No.2: The Petitioner was directed to furnish the maximum load catered by the 220 kV Mallawan Substation, as the same was not provided. This information was required to examine the possibility of overloading of the 220 kV Mallawan Substation after construction of the proposed 132 kV D/C Mallawan-Bagarmau line.

Response submitted by Petitioner: The Petitioner has submitted that the peak load at the 220/132 kV level of the Mallawan Substation is 75 MVA, against an installed capacity of 2×160 MVA. The downstream network of the 220 kV Mallawan Substation is as follows:

S. No.	Description of 132 kV Lines & 33 kV Feeder connected at 220 kV Mallawan	Status
1.	132 kV Mallawn(220)-132 kV Bhagauli	Existing
2.	132 kV Mallawn(220)-132 kV Sandila	Existing
3.	132 kV Mallawn(220)- NTPC, Bilhaur	Existing
4.	132 kV Mallawan (220)- Mallawan Railway TSS	Existing
5.	132 kV Mallawan (220)- 132 kv Bangermau D/C Line	Under Construction
6.	132 kV line is proposed for TSS Umartali 2 nos.	Planned
7.	33 kV S/s Raghapur (2x5 MVA) from Mallawan-1 nos..	Under Construction
8.	33 kV Feeder from Mallawan to connect 33/11 kV S/s Terwa (2x5MVA) - 1 nos.	Under Construction
9.	33 kV Feeder from Mallawan to connect 33/11 kV S/s Madhoganj (2x5MVA) - 1 nos.	Under Construction

Query No. 3: The Petitioner was directed to submit the IRR calculation as per the latest Tariff Order dated 08.09.2025.

Response submitted by Petitioner: UPPTCL submitted the IRR calculation as per the Tariff Order dated 08.09.2025, issued by the Commission.

8. Subsequently, the Commission heard the matter on 18.11.2025 and during the hearing, Sh. A.K. Shukla, SE (P&C), UPPTCL submitted that as per Regulation

15





32.2 of MYT Regulations 2019, the Petitioner has to take prior approval of the Commission, on quarterly basis, for all capital expenditure projects of value exceeding Rs. 20 Crore. Thus, in compliance with the above Regulations, UPPTCL has submitted the instant petition for approval of five schemes of Rs. 186.65 Cr. under RTM and three scheme of Rs 163.73 Cr. under Deposit Mode having capital expenses of value exceeding 20 crore which were finalized in TWC.

Schemes to be implemented under RTM:

Scheme 1: Augmentation of 220/132/33 kV Sector-129 from 2x100+2x63 to 4x100 MVA, Gautam Buddha Nagar

Petitioner submission

- (a) Presently, the 220 kV Sector 129 (3x160, 2x63+2x100) MVA, Noida, is fed with 400 kV Greater Noida and 400kV Sector 148 via 220 kV SC lines. Whereas, on downstream 132 kV Substations Bhangel and 132kV Sector 45 are fed via 132 KV SC transmission lines and 132kV Samsung compound via DC line.
- (b) The present capacity of the 220 KV S/S Sector 129 is (3x160, 2x63 + 2x100) MVA, while the maximum demand recorded reached 250 MVA at the 132/33 kV voltage level. With the rapid pace of industrialization and urban development in this area, the power demand continues to rise.
- (c) In order to meet the increasing power demand & to address potential overloading of the existing transformers at 132kV level (2x100 + 2x63 MVA) and further to ensure compliance with the (N-1) criterion, an augmentation is proposed by replacing the existing 2x63 MVA transformers with 2x100 MVA transformers.
- (d) The estimated cost for replacing the 2x63 MVA transformers with 2x100 MVA transformers is Rs. 22.03 Cr.
- (e) The proposed upgradation of the 220 kV s/s Sector 129, Noida, from (2x63 + 2x100) MVA to (4x100) MVA is vital for sustaining the area's growth and ensuring an uninterrupted power supply in the region.

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3



- (f) The scheme is on page 147 of the Rolling Transmission plan submitted by UPPTCL on 28.02.2025.

S. No	Name of scheme	MVA	Cost (Rs. in Cr.)
1	Augmentation of 220/132/33 kV Sector-129 (G. B. Nagar) from 2x100+2x63 to 4x100 MVA	2x100+2x63 to 4x100 MVA	22.03
Total Cost			22.03

Commission's view

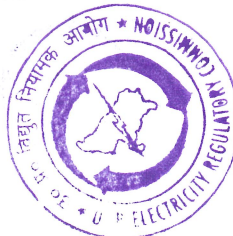
- (a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors and Appraisal & Evaluation Committee.
- (b) Augmentation of 220/132/33 kV Sector-129 (G. B. Nagar) from 2x100+2x63 to 4x100 MVA of 220 kV s/s Sector 129, Noida will enhance the operational flexibility, system reliability and transformation capacity.
- (c) In this regard, Regulation 7.2 of UPERC (Modalities of Tariff Determination) Regulations, 2023, read along with UPERC (MYT for Transmission) Regulation, 2025, 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.

- (d) Further, the Commission undertook the prudence check of the IRR calculation and observes that the IRR of the scheme is 20.14%, which is

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2



higher than 9.15%, being the last approved rate of interest on loan as per the Tariff Order dated 08.09.2024 for FY 2024-25. Accordingly, the scheme having an estimated cost of Rs. 22.03 crore is approved under the RTM framework.

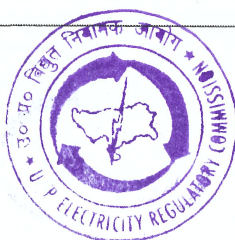
Scheme 2: Augmentation of 400/220/132 kV Jehta from 2x500 to 3x500 MVA, Lucknow

Petitioner submission

- (a) Presently, supply of 220 kV S/s Hardoi Road Lucknow, 220 kV S/s Mallawan, 132 kV S/s Rahimabad, 132 kV S/s Bharawan, 132 kV S/s Jehta and 132 kV GIS S/s Mehtab Bagh and 132 kV GIS S/s Hanuman Setu (Via 132 kV S/s Mehtab Bagh) are being fed from 400/220/132 kV 2x500 MVA GIS S/s Jehta, Lucknow.
- (b) The present maximum demand for FY 2024-25 for 400kV Jehta was 727 MVA whereas, the maximum anticipated demand for FY 2025-26 and for FY 2026-27 are 872 MVA and 1,046 MVA respectively.
- (c) Further, the installed capacity of said 400/220/132 kV GIS S/s Jehta, Lucknow is 2x500MVA against connected load of 1,120 MVA which is proposed to increase upto 1,280 MVA in future.
- (d) Furthermore, PM Textile Park is proposed in 1000-acre land area in the region. In this scenario, for improved power supply and better load management of the adjoining area, it is essential to increase the capacity of 400/220/13kV GIS Jehta substation from 2x500 MVA to 3x500 MVA.
- (e) The scheme is on page 144 of the Rolling Transmission plan submitted by UPPTCL dated 28.02.2025.

S. No	Name of scheme	MVA	Cost (Rs. in Cr.)
1	Augmentation of 400/220/132 kV Jehta (Lucknow) from 2x500 to 3x500 MVA	2x500 to 3x500 MVA	65.71
Total Cost			65.71

54





Commission's view

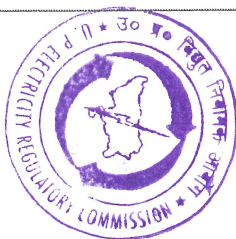
- (a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors, ETF & Evaluation Committee and CEA.
- (b) Augmentation at 400/220/132 kV Jehta (Lucknow) from 2x500 to 3x500 MVA will enhance the operational flexibility, system reliability and transformation capacity and will make it (N-1) compliant system.
- (c) As deliberated in Scheme No. 1 (RTM), augmentation works that are part of STU transmission plan is to be carried out by the respective developer under RTM. Therefore, the Scheme is considered for implementation under RTM mode.
- (d) Further, the Commission undertook the prudence check of the IRR calculation and observes that the IRR of the scheme is 32.38 %, which is higher than 9.15%, being the last approved rate of interest on loan as per the Tariff Order dated 08.09.2024 for FY 2024-25. Accordingly, the scheme, having an estimated cost of Rs. 65.71 crore is approved under the RTM framework.

Scheme 3: Augmentation of 400/220 kV Muradnagar-II from 2x240+1x315 to 1x240+2x315 MVA, Ghaziabad

Petitioner submission

- (a) Presently, 220 kV S/S Morta, 220 kV S/S Baraut & 220 kV S/S Loni lines and 132 kV DPH line & 132 kV Morta line are being fed by 400/220kV kV Muradnagar-II Sub Station which meets the electrical load of District Ghaziabad and Baghpat.
- (b) The installed capacity of 400 kV S/S Muradnagar-II is (2x240 MVA+ 1x315 MVA) but (1x240 MVA) Transformer is in under break down since 17.05.2023 due to damage in HV side Y phase bushing damage. The 1x240 MVA breakdown transformer had manufacturing year of 1975, further repairing is neither economical nor provides certainty for long service

54





thereafter. The scrap declaration committee has declared the above transformer as scrap considering techno-economic feasibility.

- (c) The loading of transformers is 149 MW on 315 MVA transformers and 114 MW on 240 MW MVA for FY 2025-26 till date and the remaining capacity of transformers in service is not ample to feed power in case of one of the transformers is under shut down for maintenance. Therefore, in this scenario the substation does not fulfil the crucial (N-1) compliance criterion.
- (d) Further, 220 kV S/S Morta ($3 \times 60 \text{ MVA} = 180 \text{ MVA}$) is energized and load is to be connected. Hence, it is essential to increase the capacity of 400 KV Substation-II Muradnagar from (1x240 MVA T/F in B/W+1x240+1x315) MVA to 1x240+2x315 MVA.
- (e) The scheme is on page 11 of reply dated 06.06.2025 towards data gap of Rolling Transmission plan submitted by UPPTCL dated 28.02.2025.

S. No.	Name of scheme	MVA/CKm	Cost (Rs. in Cr.)
1	Augmentation of 400/220 kV Muradnagar-II (Ghaziabad) from 2x240+1x315 to 1x240+2x315 MVA	2x240+1x315 to 1x240+2x315 MVA	30.61
Total Cost			30.61

Commission's view

- (a) The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors, Appraisal & Evaluation Committee.
- (b) The Commission observes that the Petitioner has highlighted the existing constraints at the Muradnagar-II Substation, including the breakdown of the 240 MVA transformer and the consequent inability to meet the N-1 compliance requirement. Considering the growing load of Ghaziabad and Baghpat districts, as well as the upcoming load of 220 kV S/S Morta, the proposed augmentation from $2 \times 240 + 1 \times 315$ MVA to $1 \times 240 + 2 \times 315$ MVA is essential. The Commission agrees that the scheme will strengthen

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the primary transmission network in the region, enhance system reliability, and ensure improved quality of supply to consumers.

- (c) As deliberated in Scheme No. 1 (RTM), augmentation works that are part of STU transmission plan is to be carried out by the respective developer under RTM. Therefore, the Scheme is considered for implementation under RTM mode.
- (d) Further, the Commission undertook the prudence check of the IRR calculation and observes that the IRR of the scheme is 17.03 %, which is higher than 9.15%, being the last approved rate of interest on loan as per the Tariff Order dated 08.09.2024 for FY 2024-25. Accordingly, the scheme, having an estimated cost of Rs. 30.61 crore is approved under the RTM framework.

Scheme 4: Augmentation at 400/220 kV GIS Bhaukhari from 2x500 to 3x500 MVA, Basti

Petitioner submission

- (a) At present the 400/220/132kV 2x500 MVA GIS substation Bhaukhari Basti is being fed from generating substation NTPC, Tanda, 400kV S/s PGCIL Gorakhpur and 400kV Substation PGCIL Kursi Road Lucknow. The 220kV Gonda, 220kV basti and 220kV Dulhipar are being fed by the 400kV Basti.
- (b) The peak load has reached level of 301 MVA for ICT-I and 301 MVA for ICT-2. Further, due to increase in load demand and due to rapid development in adjoining region it was estimated that peak demand may reach 700 MVA by FY 2026-27. Therefore, under these circumstances the (N-1) compliance criterion will not be satisfied.
- (c) The scheme is on page 11 of reply dated 06.06.2025 towards data gap of Rolling Transmission plan submitted by UPPTCL, dated 28.02.2025.

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S. No.	Name of scheme	MVA/CKm	Cost (Rs. in Cr.)
1	Augmentation at 400/220 kV GIS Bhaukhari from 2x500 to 3x500 MVA and other transmission works	2x500 to 3x500 MVA	45.08
Total Cost			45.08

The Petitioner has proposed to increase the capacity of 2x500 MVA to 3x500 MVA, 01 number Bay is also proposed to be constructed for installation of 630kVA 33/0.4KV transformer to provide uninterrupted auxiliary electricity to the substation.

Commission's view

- The Commission notes that the Petitioner has obtained the necessary approvals of TWC, Board of Directors and Appraisal & Evaluation Committee.
- The Commission notes that the Petitioner has proposed augmentation of the 400/220 kV GIS Bhaukhari Substation from the existing 2x500 MVA capacity to 3x500 MVA, along with the construction of one bay for installation of a 630 kVA 33/0.4 kV transformer to ensure uninterrupted auxiliary power supply to the substation.
- The Commission observes that the existing 400/220/132 kV GIS Bhaukhari Substation is presently feeding multiple downstream 220 kV substations, namely Gonda, Basti and Dulhipar, and receives power from NTPC Tanda, PGCIL Gorakhpur, and PGCIL Kursi Road (Lucknow). With both ICTs already operating at peak loads of 301 MVA each, and the projected rise in demand to approximately 700 MVA by FY 2026-27 due to rapid regional development, the augmentation is essential to maintain N-1 security and ensure reliable supply.
- As deliberated in Scheme No. 1 (RTM), augmentation works that are part of STU transmission plan is to be carried out by the respective developer under RTM. Therefore, the Scheme is considered for implementation under RTM mode.

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- (e) The Commission further notes the Petitioner's proposal to enhance the existing transformation capacity from 2×500 MVA to 3×500 MVA at the GIS Bhaukhari Substation. The Commission also observes that UPPTCL has proposed construction of one bay for installation of a 630 kVA, 33/0.4 kV transformer to ensure uninterrupted auxiliary power supply to the substation. Considering that these works form part of the STU Transmission Plan and are essential for strengthening the system, meeting future load growth, and maintaining N-1 reliability, the Commission approves the proposed augmentation along with the associated bay and auxiliary transformer under the RTM framework at the estimated cost of Rs. 45.08 crore.
- (f) Further, the Commission undertook the prudence check of the IRR calculation and observes that the IRR of the scheme is 38.99 %, which is higher than 9.15%, being the last approved rate of interest on loan as per the Tariff Order dated 08.09.2024 for FY 2024-25. Accordingly, the scheme, having an estimated cost of Rs. 30.61 crore is approved under the RTM framework.

Scheme 5: Construction of 132 kV Mallawan (220)- Bangarmau DC line & 'Bay', Unnao

Petitioner submission

- (a) At present, 132 kV substation Bangarmau (1x20+2x40 MVA) is fed by 132 kV Sonic-Chaklvanshi line (30.45KM) through 132 kV Chaklvanshi-Bangarmau line and the second line of 132 kV Sonic-Chaklvanshi line has been made LILO at 132kV Hasanganj Substation.
- (b) Further, it is to mention that in case of outage of 132 kV Sonic-Chaklvanshi line, the existing lines feeding 132kV Chakalvanshi substation and 132kV Bangarmau substation lines may get overloaded in feeding the electrical load.
- (c) Hence, in order to reduce the overloading of the existing line and to provide a strong source to the 132 kV Bangarmau substation construction

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of line from 220kV Mallawan (132kV) –Bangarmau DC line is proposed.

- (d) The scheme is on page 11 of reply dated 06.06.2025 towards data gap of Rolling Transmission plan submitted by UPPTCL dated 28.02.2025.

S. No.	Name of scheme	MVA/CKm	Cost (Rs. in Cr.)
1	Construction work of 132 kV Mallawan (220kV)-Bangarmau DC line & 'Bay'	2x17 Km	23.22
Total Cost			23.22

Commission's view

- (a) The Commission notes that the Petitioner has obtained all requisite approvals for the proposed construction of the 132 kV Mallawan (220 kV) – Bangarmau Double Circuit (DC) line along with the associated bay, including approvals from the TWC, Board of Directors, and the Appraisal & Evaluation Committee.
- (b) The Commission observes that the 132 kV Bangarmau Substation is presently being fed through the 132 kV Sonic–Chaklvanshi–Bangarmau corridor, and that one circuit of the Sonic–Chaklvanshi line has been LILO at the 132 kV Hasanganj Substation. In the event of an outage of the 132 kV Sonic–Chaklvanshi line, the remaining lines feeding Chaklvanshi and Bangarmau substations may experience overloading, posing risks to system stability and reliability.
- (c) The Commission takes note of the Petitioner's submission that the proposed 132 kV Mallawan (220/132 kV) – Bangarmau DC line will provide an additional strong source to the Bangarmau substation, reduce loading stress on the existing network, and enhance reliability and security of supply in the region.
- (d) The Commission further notes that this scheme is part of the Rolling Transmission Plan, as submitted by UPPTCL on 28.02.2025 and subsequently reflected in the reply dated 06.06.2025.

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- (e) 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 Petitioner's cost estimates, load justification, and system requirement, the Commission finds the proposed construction of the 132 kV Mallawan-Bangarmau DC line and bay technically necessary for improving reliability and alleviating loading on the existing Sonic-Chaklvanshi corridor. Therefore, the scheme, with an estimated cost of Rs. 23.22 crore is approved under the RTM framework.

9. The Schemes under RTM & deposit modes are as follows: -

S. No.	Scheme No.	Name of Scheme	Type	Petitioner Submission		Commission Computed and Approved	
				Amount (Rs. Cr.)	IRR (%)	Amount (Rs. Cr.)	IRR (%)
RTM Mode							
1	Scheme No.1	Augmentation of 220/132/33 kV Sector-129 from 2x100+2x63 to 4x100 MVA, Gautam Buddha Nagar	Augmentation	22.03	22.75	22.03	20.14
2	Scheme No.2	Augmentation of 400/220/132 kV Jehta from 2x500 to 3x500 MVA, Lucknow	Augmentation	65.71	51.2	65.71	32.38
3	Scheme No.3	Augmentation of 400/220 kV Muradnagar-II from 2x240+1x315 to 1x240+2x315 MVA, Ghaziabad	Augmentation	30.61	17.83	30.61	17.03





S. No.	Scheme No.	Name of Scheme	Type	Petitioner Submission		Commission Computed and Approved	
				Amount (Rs. Cr.)	IRR (%)	Amount (Rs. Cr.)	IRR (%)
4	Scheme No.4	Augmentation at 400/220 kV GIS Bhaukhari from 2x500 to 3x500 MVA, Basti	Augmentation	45.08	75.11	45.08	38.99
5	Scheme No.5	Construction work of 132 kV Mallawan (220)- Bangarmau DC line & 'Bay', Unnao	Construction	23.22	23.91	23.22	21.28
Deposit Mode							
1	Scheme No.1	Construction work of 132/33 KV 3x40 MVA Attari, Malihabad (PM Mitra Textile Park) Lucknow substation and related lines	Construction	97.10	-	97.10	-
2	Scheme No.2	Construction work of 220 kV Indirapuram (400) - Pratap Vihar line with underground cable instead of overhead line (1.44km)	Construction	37.72	-	37.72	-
3	Scheme No.3	Construction work of 132 kV line and 'bay' for power supply from 220/132 kV Charla S/s to DFCCIL, Sakauti (Meerut) TSS	Construction	28.91	-	28.91	-

10. The approval of the above schemes under RTM & Deposit framework is subject to the following conditions.

- 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 Crores) which require ETF approval, as ETF approval may take longer time and may delay the approval & execution of these schemes.
- The various equipment and material or execution of the schemes shall be procured through a fair and transparent competitive bidding process.

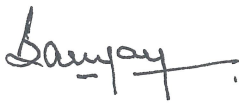
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- (c) All works shall be carried out in compliance with the Act/Regulations/Rules/Standards of Commission/CEA or any other competent authority as applicable.
- (d) The licensee shall submit the completion report indicating the actual cost incurred 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.
11. 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 the future augmentation shall be reserved.
12. During the TWC approval of Transmission schemes, spare transformation capacity and spare feeder bays must be mentioned inline with the revised transmission planning criteria of CEA.
13. Accordingly, in view of the above directions, the Petition is disposed of.


(Sanjay Kumar Singh)
Member




(Arvind Kumar)
Chairman

Dated: 24.11.2025
Place: Lucknow

