

Anil Jain
Director(Planning & Commercial)



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(U.P. Govt. Undertaking)
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No. 272 Dir(P&C)/UPPTCL/2021

Date: 26 March, 2021

To,

The Secretary,
U.P. Electricity Regulatory Commission,
Vidyut Niyamak Bhawan,
Vibhuti Khand, Gomati Nagar,
Lucknow.

Sub: Data Gaps in respect of Petition No. 1656 /2020 in the matter of True-up of FY 2019-20 & ARR/Tariff for FY 2021-22.

Sir,

Please refer letter no. UPERC/JTD/2019-20/Tariff/36/2020-21-1719 dated 29.01.2021 & subsequent reminder letter no. 1942 dated 12.03.2021 vide which UPPTCL was directed to submit the replies to data gaps in the subject matter.

In this context, UPPTCL hereby submits that the accounts for FY 2019-20 was under revision and finalization, hence, considering the same, updated replies are hereby being submitted in six hard copies and soft copy.

Hope it will clarify the issues. In case of any further query, the same may kindly be intimated or could be discussed personally as per convenience of the Hon'ble Commission.

Regards,

Encl: as above in six copies.

Yours faithfully,

(Anil Jain)

CC:

1. PS to Managing Director, UPPTCL, Lucknow.

UPPTCL's Response to UPERC Information Requirement /
Discrepancies/ Data Gaps in Petition No.1656/2020 for True-up of FY
2019-20 and ARR/Tariff for FY 2021-22

1. Provide the audited accounts/ Balance sheet for FY 2019-20 as and when available for the purpose of Truing up.
2. Provide the CAG and Statutory Auditor Report scanned soft and hard copy for FY 2019-20 as and when available.

UPPTCL Reply (Point 1 &2): The Petitioner had filed the True-up for FY 2019-20 based on the provisional annual accounts in line with the Regulation 14 (a) of the MYT Regulations 2014 which provides as follows:

"(c) Where audited books of account are not available at the time of True-up provisional books of accounts shall be for True-up process. The Commission may allow during provisional true up upto 95% of claim allowed by Commission. The provisional true-up shall be subject to final true-up as and when audited books of account are made available"

The Petitioner humbly submits that the Audited Annual Account of UPPTCL for FY 2019-20 are yet to be finalised, and the same shall be submitted before the Hon'ble UPERC once it is audited alongwith the Statutory/CAG Certificate and Auditor's report. In the current reply the Petitioner has updated the ARR for FY 2019-20 to FY 2021-22 based on the revised provisional accounts for FY 2019-20. Accordingly, the tariff formats for FY 2019-20 and FY 2020-21 & FY 2021-22 are updated and attached herewith as **Annexure 1 &2**. The Copy of the revised provisional annual accounts is provided in the **Annexure 13**.

3. In reference to your submission, the Soft Copy of the following are to be submitted in excel (Workable).

(i) Annexure-10 (Details of Capitalisation)

(ii) Annexure-6 & 7 (Detailed List of Assets upto March 2020 & those energised in FY2019-20)

UPPTCL Reply: The details as required above are hereby submitted in soft copy as **Annexure 3**.

4. Provide the detailed justification for claiming of Rs. 5.17 Crore (towards actual transmission Licensee fee paid in FY 2019-20) over and above the normative A&G expense.

UPPTCL Reply: The actual Licensee Fee paid for the FY 2018-19 and FY 2019-20 is Rs. 6.35 crore and Rs. 5.92 crore respectively. The details of the actual Licensee Fee paid is provided in the

(निर्देशक)
अधीक्षण अभियन्ता
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
कागज/कागज/कागज

Annexure 4. Further, the Petitioner hereby claims the actual licensee fee for FY 2018-19 and FY 2019-20 over and above the normative A&G expenses for FY 2019-20 as mentioned below:

Particulars	True-up Petition (FY 2019-20)
Norms per cktkms (Rs. Crore)	0.0002
Line Length (ctkms)	44,044.78
A&G Expenses for Transmission Lines (Rs. Crore)	10.02
Norms per Bay (Rs. Crore)	0.0052
Number of Bays (nos)	4,944.00
A&G Expenses for Bays (Rs. Crore)	25.80
Norms per Employee (Rs. Crore)	0.0010
Number of Employees (nos)	6,372.00
A&G Expenses for Employees (Rs. Crore)	6.08
A&G Expenses (Rs. Crore)	41.89
Actual Licensee Fee paid for FY 2018-19 (Rs. Ccrore)	6.35
Actual Licensee Fee paid for FY 2019-20 (Rs. Ccrore)	5.92
Total A&G Expenses (Rs. Crore)	54.16

The Petitioner respectfully submits that the True-up petition for FY 2019-20 has been filed as per the Uttar Pradesh Electricity Regulatory Commission (Multi Year Transmission Tariff) Regulations 2014 (hereinafter "MYT Regulations 2014"). The normative A&G expenses are determined for the year based on the norms approved by the Hon'ble Commission for the MYT period and for the purpose of the norms, the Hon'ble Commission had considered the actual A&G expenditure for five years upto FY 2014-15. Since, UPPTCL has paid the licensee fee in FY 2016-17 for the first time, the base year expenses or the norms approved did not cover the transmission license fee applicable for the Petitioner.

Further, it is submitted that the Hon'ble Commission vide its Letter dated 18th May 2015 directed the Petitioner to pay the licensee fee of Rs. 60 lakh for the period FY 2011-12 to FY 2014-15 computed as Rs. 15 lakh per year. However, later the Petitioner was directed by the Hon'ble Commission vide its Letter No. UPERC/Secy/D(L&L)/2018/1455 dated 29th November 2018 to submit the revised transmission licensee fee upto FY 2018-19 in line with the Fee & Fine Regulations. Hence, the provision for the revised transmission license fee was made for the first time only after the finalization of the fee through Hon'ble Commission vide letter dated 29th November 2018 in line with Fee & Fine Regulations. Thus, Petitioner was not able to make any provision in the past years for the revised transmission license fee.

The Petitioner has claimed the actual license fee paid upto FY 2017-18 and the same has been allowed by the Hon'ble Commission over and above the normative A&G expenses. Further, the Petitioner hereby claims the actual license fee of Rs. 6.35 crore and Rs. 5.92 crore paid for FY 2018-19 and FY 2019-20 respectively under the A&G Expenses applicable for FY 2019-20. Thus, it is humbly submitted the actual license fee for FY 2018-19 and FY 2019-20 paid by the Petitioner may be allowed over and above the normative A&G expenses.



5. Provide the detailed computation of the Interest Capitalisation of Rs.168.20 Crores as submitted in Format F42.

UPPTCL Reply:The detailed computation of the Interest Capitalisation of Rs.168.20 Crores is submitted as Annexure 5.

6. In view of Regulation 19A (b) of MYT Transmission Regulations, 2014 the Licensee shall seek prior approval of the Commission for capital expenditure greater than INR 10 Crore. Therefore, provide the scheme/project wise details of Capital expenditure and capitalization for FY 2019-20 as per the format below along with details of competitive bidding.

UPPTCL Reply:The detailed list of the assets energised in FY 2019-20 and approved by the Hon'ble Commission is submitted as Annexure 6.

In addition the Detailed Project Report (DPR) of all the schemes energised in FY 2019-20 have been prepared and submitted as Annexure 7 along with this reply wherein the details regarding the following have been provided for each scheme, in line with the provisions of UPERC MYT Regulations, 2014:

- Requirement and justification of scheme.
- Financial Details
- Physical Details
- Geographical Map
- Approval Documents
- Load flow study
- Nearby existing Gird sub-station details (loading, space available at 33kV bays etc.)

The Hon'ble Commission is requested to accord its concurrence for the same.

7. Provide the breakup of the Employee Expense Capitalisation of Rs. 255.21 Cr as submitted in the Format F42.

UPPTCL Reply:The detailed break-up for the employee expense capitalisation is provided in the Annexure 8.

8. Submit the computations for per unit Employee Expense with Ckt Km, MVA, MU and MW for FY 2019-20 and compare them with the Benchmarked values.

UPPTCL Reply:The per unit employee cost for FY 2019-20 is provided in the table below:

Particulars	Unit	Value
Employee Expenses	Rs. crore	640.21
Line Length	CktKms	44,044.78
Employee Expenses per CktKms	Rs./CktKms	1,45,354.40
MVA Capacity	MVA	1,36,180.00
Employee Expenses per MVA	Rs./MVA	47,012.06

Particulars	Unit	Value
Peak Demand Handled	MW	21,632.00
Employee Expenses per MW	Rs./MW	2,95,955.18
Energy Handled	MU	1,16,731.81
Employee Expenses per MU	Rs./MU	54,844.54

Further, the normative and actual O&M expenses for the FY 2019-20 are provided in the table below:

Particulars	(Rs. crore)	
	Actual	Normative
Employee Expenses	640.24	1,227.95
A&G Expenses	67.46	54.16
R&M Expenses	460.19	495.73
Less: Employee Expenses Capitalisation	255.21	255.21
Net O&M Expenses	912.69	1,522.63

9. Submit the breakup of Grants/subsidy for FY 2019-20 as provided in Annexure 8 as the same is not in the Format F10.

UPPTCL Reply: The break-up of the Grants/subsidy for FY 2019-20 are provided below:

Particulars	Amount (in Rs. crore)
Beneficiaries Contribution Towards Cost Of Capital Assets	384.89
Grant Towards Cost Of Capital Assets	11.83
Total	396.72

The updated format F10 is provided in the Annexure 9.

10. Provide the detailed computation of depreciation on assets acquired out of the consumer contribution and GoUP Subsidy for FY 2019-20.

UPPTCL Reply: The computation of the depreciation on assets acquired out of the consumer contribution and grants is provided in the Annexure 10.

11. The detailed computation of Average GFA considered for computing the R&M Expenses for FY 2019-20 is not provided. Therefore, submit the same in excel model with linkages.

UPPTCL Reply: The of the average GFA & R&M expenses for FY 2019-20 is as mentioned in the table below:

Particulars	Unit	Value
Opening GFA as on 1.4.2019	Rs. crore	25,588.30
Closing GFA as on 31.3.2020	Rs. crore	28,543.10
Average GFA for FY 2019-20	Rs. crore	27,065.70



अनिल सिंह
ज्योतिषी, नियोजन एवं वाणिज्य
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
2020/03/31

Particulars	Unit	Value
Kb – Factor	%	1.83%
R&M Expenses for FY 2019-20	Rs. crore	495.72

The above computation in excel is provided in excel as Annexure 11.

12. Provide the detailed computation of cumulative depreciation of Rs. 6256.83 Crores..

UPPTCL Reply: The computation of cumulative depreciation upto FY 2019-20 is provided in the table below:

FY	Net Allowable Depreciation (Rs. Crore)	Cumulative Depreciation (Rs. Crore)
2007-08	270.53	270.53
2008-09	314.54	585.07
2009-10	198.63	783.70
2010-11	310.12	1093.82
2011-12	339.39	1433.21
2012-13	360.67	1793.89
2013-14	375.64	2169.53
2014-15	524.13	2693.66
2015-16	613.54	3307.20
2016-17	793.25	4100.45
2017-18	1009.61	5110.06
2018-19	1146.77	6256.83

13. UPPTCL shall provide the details as per the format provided below for FY 2019-20.

UPPTCL Reply: The Petitioner submits the details required as per the format as Annexure 12.

14. Provide the detailed breakup of the Employee Expense Capitalisation & Interest Capitalisation for FY 2020-21.

UPPTCL Reply: The Petitioner submits that the Employee Expense Capitalisation & Interest Capitalisation have been estimated for FY 2020-21 in the same ratio as per the last annual accounts (i.e. FY 2019-20). It is further submitted that the Petitioner shall claim the actual Employee Expense Capitalisation & Interest Capitalisation at the time of truing-up of FY 2020-21.

15. Provide the Source-wise breakup of Consumer contribution, Grants/Financial Assistance and Subsidy for FY 2020-21.

UPPTCL Reply: The Petitioner has considered the Consumer contribution or Grants for FY 2020-21 as the average of actual Consumer contribution or Grant amount for the past 3 years. The Petitioner shall claim the actual Consumer contribution or Grant amount for FY 2020-21 at the time of truing-up of FY 2020-21.



16. Submit the details of Budget allocation and release of the same by GoUP for UPPTCL for FY 2020-21.

UPPTCL Reply: The Budget allocation for FY 2020-21 is provided in the Annexure 9.

17. Provide the detailed computation of Equivalent amount of depreciation on assets acquired out of Consumer Contribution and GoUP Subsidy along with in excel model for FY 2020-21.

UPPTCL Reply: The Petitioner has considered the Consumer Contribution for FY 2020-21 as average of the last 3 years. Further, the same shall be considered on actual basis at the time of truing-up. No, grant has been considered for FY 2020-21.

18. Provide the detailed computation of Equivalent amount of depreciation on assets acquired out of Consumer Contribution and GoUP Subsidy along with in excel model for FY 2020-21.

UPPTCL Reply: The Petitioner has considered the amount of depreciation on assets acquired out of Consumer Contribution and grant in the same ratio as per the actual in FY 2019-20. The petitioner shall consider the same on actuals at the time of truing-up.

19. Provide the details of Transmission System Users, respective allotted Transmission Capacity, Energy Wheeled, Transmission Losses and Revenue received from Discoms, long term users and medium-term users during FY 2020-21. Also provide breakup of Energy wheeled to Short-Term customers and revenue received from them.

UPPTCL Reply: The Petitioner has considered the energy wheeled to various transmission users based on the energy approved by the Hon'ble Commission in the Business plan order of Discoms for the FY 2020-21. Further, the overall transmission losses are considered as approved in the Business Plan order of UPPTCL. Further, the Petitioner has estimated the overall revenue equal to the normative ARR for FY 2020-21. The Petitioner shall submit the detailed break-up of the energy wheeled and revenue from various transmission users on actual basis at the time of truing-up for FY 2020-21.

20. Provide the detailed computation of the Employee Expense Capitalisation & Interest Capitalisation for FY 2021-22.

UPPTCL Reply: The Petitioner submits that the Employee Expense Capitalisation & Interest Capitalisation have been estimated for FY 2021-22 in the same ratio as per the last audited accounts (i.e. FY 2019-20). It is further submitted that the Petitioner shall claim the actual Employee Expense Capitalisation & Interest Capitalisation at the time of truing-up of FY 2021-22.

21. Provide the Source-wise breakup of Consumer contribution, Grants /Financial Assistance

and Subsidy for FY 2021-22.

UPPTCL Reply: The breakup of Consumer contribution and Grants for FY 2021-22 is estimated as below:

Financing	FY 2020-21	FY 2021-22
Grant (Rs. crore)	0.00	429.15
Consumer Contribution/Deposit Works (Rs. crore)	400.41	400.41

The Petitioner has considered the Consumer Contribution for FY 2021-22 as average of the actual contribution for the last 3 years (FY 2017-18 to FY 2019-20). Further, the grant amount of Rs. 429.15 crore is towards the Green Energy Corridor (GEC-II) scheme.

22. With reference 'to the ARR Petition submitted, provide the detailed breakup of the Asset capitalised upto 31st March 2020 (Table 5.6-1)& Assets capitalised from 1st April 2020 onwards (Table 5.6-2), i.e. the quantity of assets mapped to its cost.

UPPTCL Reply: The details of the assets capitalised upto March 2020 are provided in Annexure 3. Further, the capitalisation for April 2020 onwards is on estimated basis and the same shall be submitted on actual basis at the time of truing-up.

23. Provide the detailed computation of depreciation on assets acquired out of the consumer contribution and GoUP Subsidy for FY 2021-22.

UPPTCL Reply: The Petitioner has considered the amount of depreciation on assets acquired out of Consumer Contribution and grant in the same ratio as per the actual in FY 2019-20. The petitioner shall consider the same on actuals at the time of truing-up for FY 2021-22

24. Provide the details of Transmission System Users, respective allotted Transmission Capacity, Energy Wheeled, Transmission Losses and Revenue received from Discoms, long term users and medium-term users during FY 2021-22. Also provide breakup of Energy wheeled to Short-Term customers and revenue received from them.

UPPTCL Reply: The Petitioner has considered the energy wheeled to various transmission users based on the energy approved by the Hon'ble Commission in the Business plan order of Discoms for the FY 2021-22. Further, the overall transmission losses are considered as approved in the Business Plan order of UPPTCL. The Petitioner has estimated the overall revenue equal to the normative ARR for FY 2021-22. The Petitioner shall submit the detailed break-up of the energy wheeled and revenue from various transmission users on actual basis at the time of truing-up for FY 2021-22.

Further, with regard to the allocation of the transmission capacity to state Discoms, UPPCL has informed as follows:

"The allotted transmission capacity shall be computed as the sum of the generating capacities allocated to the long term transmission customers or medium term customers (i.e. Discoms) from Generating Stations and the contracted power.

In the absence of specific allocation of PPAs between Distribution Licensee, it would not be possible to calculate the allotted transmission capacity which is required for the execution of the Agreement between the STU and the individual Distribution Licensee.

It may be worth mentioning here that, UPERC had initiated suo-moto proceedings on allocation of PPA among Discoms. After evaluating various options, UPERC vide its Order dated 13th December 2018, had directed to adopt Approach 2 (Hybrid) for determination of the bulk supply tariff for Discoms (DBST) and also direct UPPCL to seek approval of the GoUP for implementation of this approach.

In the wake of UPPCL vide letter no. 715/RAU/Directives dated 19.09.2019 (Refer Sr. No. 3), GoUP has accorded its approval for the DBST methodology which was subsequently also communicated to UPERC vide RAU Letter No. 252/RAU/IC dated 01.06.2020. Accordingly, the power purchase cost has been allocated to the State Discoms as per the above said GoUP approved DBST methodology only, while submitting the APR for FY 2019-20 and ARR for FY 2020-21.

Now, as the power purchase cost being computed on DBS'I' methodology, the allocation of PPAs between Discoms is not envisaged and hence computation of Allotted Transmission Capacity to the State Discoms will not be possible. Further, the UPERC (MYT for Distribution and transmission Regulation), 2019 also provides for this eventuality and has provision of computation of transmission charges in the eventuality of non-availability Allotted Transmission Capacity, which may continue to be adopted for determination of transmission tariff the UPERC."



उपप्रबंध निदेशक
अर्थव्यवस्था, उद्योग और वाणिज्य
समग्र निदेशक (नियोजन एवं वाणिज्य)
उपप्रबंध निदेशक

Annexure 1

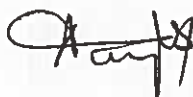
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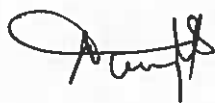
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 अर्पण अभियन्ता
 सम्बद्ध निदेशक (नियोजन एवं बाधित्य)
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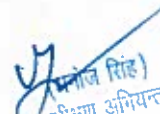
Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Annual Revenue Requirement		Form No: F1
		Rs. Crores
		True-up Petition
	Particulars	2019-20
I.	Energy Available (MU)	1,20,877.92
II.	Energy Transmitted/Wheeled (MU)	1,16,731.81
III.	Loss %	3.43%
IV.	Transmission Cost per unit (Rs/U)	0.3422
V	Total Transmission System Capacity (in MW)	
VI.	Transmission Cost per MW	
VII.	Max Demand handled by the transmission system (in MW)	21,632.00
A.	Income from Transmission Function	
1	Receipts (Actual / Expected)	
	Transmission/Wheeling Charges at current tariff rates (As per	
a	revised/anticipated energy & prevailing tariff)	
b	Subsidy from Govt. (If any)	
	Total Receipts (A)	2222.45
B	Expenditure	
a	O&M Expenses	
i	R&M Expense	495.72
ii	Employee Expenses	1,227.95
iii	A&G Expense	54.16
	Total O&M expenses (i+ii+iii)	1,777.83
b	Depreciation	1,233.56
c	Interest on Loan	1,332.83
d	Interest on Working Capital	113.96
e	Finance Charges	0.09
	Gross Expenditure	4,458.26
e	Less: Employee Cost Capitalised	255.21
f	Less: A&G Capitalisation	-
g	Less: Interest Capitalisation	168.20
	Net Expenditure	4,034.85
	<i>Provision for Bad & Doubtful debts</i>	-
	<i>Prior Period Items, Debits, write-offs & other expenses</i>	-
	Net Expenditure with provisions	4,034.85



Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Annual Revenue Requirement		Form No: F1
		Rs. Crores
		True-up Petition
	Return on Equity	183.47
	Total Expenditure (B)	4,218.32
C	Other Deductions	
a	Income from other Business	-
b	Non tariff income	223.31
c	75% of Charges recovered from Short Term open access customers	
	Total Other Deductions (C)	223.31
D	Net ARR for Transmission Function (B-C)	3,995.01
E	ARR for SLDC Function*	
E.1	Revenue from SLDC Fee and Charges (When STU is operating the SLDC)	
E.2	SLDC Expenses (When STU is operating the SLDC)	
E.3	Net ARR for SLDC function (E.1- E.2)	
F	Net Annual Revenue Requirement of Licensee(D-E)	3,995.01
G	Shortfall/(Excess) before tariff revision impact (F-A)	1,772.56
H	Tariff Revision Impact	-
H	Shortfall/(Excess) after tariff revision impact (A-F)	1,772.56
I	Sharing of gain/loss	304.98
J	Net ARR GAP/(SURPLUS)	1,467.57
	*The ARR of SLDC in the embeded in the overall ARR of the UPPTCL	
		Signature of Petitioner




 अधीक्षण अभियन्ता
 सम्यक्ष निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र०पा०ट्रा०कॉ०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited				
Form No: F1A				
Particulars		Rs. Crores		
		FY 2019-20		
		Approved (as per Order dated 27 th August 2019)	Actual (as per provisional accounts)	True-up Petition
I.	Energy Available (MU)	1,15,111.96	1,20,877.92	1,20,877.92
II.	Energy Transmitted/Wheeled (MU)	1,11,013.97	1,16,731.81	1,16,731.81
III.	Loss %	3.56%	3.43%	3.43%
IV.	Transmission Cost per unit (Rs/U)	0.1848	0.2514	0.3422
V.	Total Transmission System Capacity (in MW)			
VI.	Transmission Cost per MW			
VII.	Max Demand handled by the transmission system (in MW)		21,632	21,632
A. Income from Transmission Function				
	Total Receipts (A)	2,051.81	2,222.45	2,222.45
B. Expenditure				
a	O&M Expenses			
i	R&M Expense	F30 332.35	460.19	495.72
ii	Employee Expenses	F27 744.89	640.21	1,227.95
iii	A&G Expense	F31 26.06	67.46	54.16
	Total O&M expenses (i+ii+iii)	1,103.30	1,167.86	1,777.83
b	Depreciation	F33 1,205.52	1,240.08	1,233.56
c	Interest on Loan & Finance charges	F35 1,307.84	1,258.34	1,332.92
d	Interest on Working Capital	F39 54.99	0.00	113.96
e	Net Prior Period Expenses / (Income)/Bad Debt/Other Comprehensive Income	0.00	18.52	0.00
f	Return on Equity	F36 86.13	0.00	183.47
g	Income Tax	F43		
	Less: Employee Cost Capitalized	734.98	255.21	255.21
	Less: A&G Capitalisation	0.00	0.00	0.00
	Less: Interest Capitalization	904.73	168.20	168.20
	Total Expenditure (B)	2,118.07	3,261.40	4,218.32
C. Other Deductions				
a	Income from other Business	F41		
b	Non tariff income*	F40 66.26	326.23	223.31
c	75% of Charges recovered from Short Term open access customers	F40A		
	Total Other Deductions (C)	66.26	326.23	223.31
D	Net ARR for Transmission Function (B-C)	2,051.81	2,935.17	3,995.01
E	Sharing of Gain/Loss on account of O&M Expenses			304.98
F	ARR after sharing of Gain/Loss	2,051.81	2,935.17	3,690.03
G	Shortfall/Excess in Revenue	0.00	712.71	1,467.57

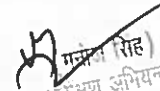
*Consumer contribution Reserve booked as other income not considered in the True-up petition. The same is deducted in the allowable depreciation.

Signature of Petitioner

(मनीष सिंह)
 अध्यक्ष अभियन्ता
 राज्य निदेशक (नियोजन एवं वाणिज्य)
 ३०९०५०८०८०८०८०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Alloted Transmission Capacity of Long Term Transmission Customers (CL)		Form No: F2
	Particulars	True-up Petition
		2019-20
		Alloted Transmission Capacity (In MW)
A	Distribution Licensees	Share of the state DISCOMs in SSGS & CSGS and in PPAs are to be decided and accordingly allocated transmission capacity will be finalised.
1	Madhayanchal Vidyut Vitran Nigam Limited, Lucknow	
2	Paschimanchal Vidyut Vitran Nigam Limited, Meerut	
3	Purvanchal Vidyut Vitran Nigam Limited, Varanasi	
4	Dakshinanchal Vidyut Vitran Nigam Limited, Agra	
5	KESCO	
6	Noida Power Company Limited	555
7	Others (Northern Railways)	130
B	Bulk Consumers/Long Term Open Access Customers (If any)	
	a. JAL for KFCL	65
	b. JAL for CCF	15
	c. M/s ACC Ltd.	9.375
	d. M/s Amp Solar Clean Power Ltd. (M/s Raebareli Cement Works (Birla))	4
	e. M/s Amp Solar Clean Power Ltd. (M/s Hi-tech Cement Works (Birla))	2
	f. M/s Amp Solar Clean Power Ltd. (M/s RCCPL Pvt. Ltd.)	14
	g. M/s Ambuja Cement Ltd.	9.375
	Sum of Total Alloted Transmission Capacity to all the long term Transmission system customers (SCL)	-
*As per the existing BPTA the allocated capacity of NPCL is 400 MW. **Alloted Capacity as on date Signature of Petitioner		




 अध्यक्ष (सिंह)
 अध्यक्ष अभियन्ता
 संचालन निदेशक (निर्माण एवं वाणिज्य)
 30/04/2020/का/सि/0

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Projection of Sales, Connected Load and Demand		Form No: F4
A) Actual of Energy Delivered (MU)		
		True-up Petition 2019-20
A	Distribution Licensees	
1	MVVNL(Lucknow)	22,851.68
2	PVVNL (Meerut)	34,432.42
3	PuVVNL (Varanasi)	26,651.59
4	DVVNL (Agra)	24,706.50
5	NPCL (Inclusive of STOA Energy)	2,259.13
6	KESCO	3,582.73
7	NR-UP (Inclusive of STOA Energy)	1,225.55
8	LTC (other than distribution licensee)	320.36
9	STOA	701.84
	TOTAL	1,16,731.81
B) Connected Load (in KW)		
		True-up Petition 2019-20
A	Distribution Licensees	
1	MVVNL(Lucknow)	
2	PVVNL (Meerut)	
3	PVVNL (Varanasi)	
4	DVVNL (Agra)	
5	NPCL	
6	KESCO	
7	Others	
B	Bulk Consumers/Long Term Open Access Consumers (If any)	
1		
2		
	TOTAL	
C) Maximum or Peak Demand (in MW) (Unrestricted)		
		True-up Petition 2019-20
A	Distribution Licensees	
1	MVVNL(Lucknow)	
2	PVVNL (Meerut)	
3	PVVNL (Varanasi)	
4	DVVNL (Agra)	
5	NPCL	
6	KESCO	
7	Others	
B	Bulk Consumers/Long Term Open Access Consumers (If any)	
1		
2		
	TOTAL	21,632
Signature of Petitioner		

(Signature)

(Signature)
समय निदेशक (निर्वाचन एवं वारिज्य)
उपरोक्त कार्यालय

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Actual Revenue Realised		Form No: F4A
		Rs. Crores
		True-up Petition
		2019-20
A	Distribution Licensees	
1	Madhayanchal Vidyut Vitran Nigam Limited, Lucknow	430.19
2	Paschimanchal Vidyut Vitran Nigam Limited, Meerut	648.32
3	Purvanchal Vidyut Vitran Nigam Limited, Varansi	501.31
4	Dakshinanchal Vidyut Vitran Nigam Limited, Agra	464.54
5	NPCL (Inclusive of STOA Energy	32.11
6	KESCO	67.46
7	NR-UP (Inclusive of STOA Energy	20.96
	TOTAL	2,164.89
B	Open Access Consumer	
1	LTC (other than distribution licensee)	5.06
2	STOA	30.79
	TOTAL	35.85
C	Other Charges	
1	SLDC Charges	5.36
2	Other States & LTOA Application Fee etc.	8.47
3	PoC Charges	7.87
	TOTAL	21.70
	Grand Total	2,222.45
Signature of Petitioner		



(मोह) (सिंह)
अध्यापक अनियन्ता
समय निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र०पा०ट्रा०क०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited			
Normative Parameters Considered for Tariff Computations			Form No: F6
	Particulars		True-up Petition
			2019-20
1	Base Rate of Return on Equity	%	2%
2	Normative Employee Expenses per ckt.km	Rs. Crores	0.0057
3	Normative O&M per bay	Rs. Crores	0.1974
4	Normative A&G expenses per ckt.km	Rs. Crores	0.0002
5	Normative A&G per bay	Rs. Crores	0.0052
6	Normative R&M expenses	% of GFA	1.83%
7	Maintenance Spares for Working Capital	% of O&M	40% of R&M of 2 Months
8	Receivebles for Working Capital	in Months	2.00
9	Existing State Bank Advance Rate (SBAR)	%	13.80%
Signature of Petitioner			

(Signature)

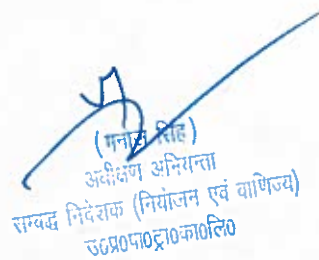
(Signature)
 अध्यक्ष अनिरुद्ध
 सम्यक् निदेशक (नियोजन एवं वाणिज्य)
 उत्तर प्रदेश विद्युत निगम

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Abstract of Capital Cost		Form No:F7	
		Rs Crores	
		True-Up Petition	True-up Petition
Particulars		2018-19	2019-20
1	Capital Cost as admitted by UPERC	The Petitioner had submitted the capital cost of ongoing transmission lines and sub-stations and those to be undertaken in the 1st control period along with the MYT Petition as "Annexure 7". Further, the details of the assets completed during FY 2019-20 has already been submitted alongwith the True-Up Petition as Annexure 6. Further, regarding submission of the admitted capital cost and other details for individual assets, it is humbly submitted that the Petitioner is in process of seeking prior approval of the Hon'ble Commission for the assets planned from FY 2020-21 onwards. In view of this the Petitioner seeks waiver of the formats F7, F8, F11, F12, F13, F14, F15, F17 & F21.	
	Capital cost admitted as on		
	(Give reference of the UPERC relevant Order with Petition No. & Date)		
2	Less : Gross Block of Assets not in use		
3	Less : Consumer Contribution and Grants		
4	Less:Capital liabilities		
5	Total Capital Cost admitted		
6	Increase /Decrease due to ACE		
7	Increase /Decrease due to FERV		
8	Less:Capital liabilities on account of ACE		
9	Add: Capital Liabilities Paid during the year		
10	Capital Cost for Purposes of ARR		

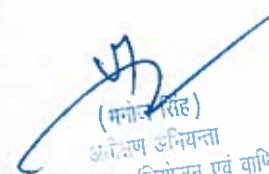
Signature of Petitioner



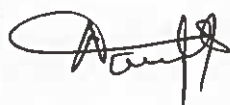

 (मनदी सिंह)
 अधीक्षक अभियन्ता
 समग्र निदेशक (नियोजन एवं वाणिज्य)
 उत्तर प्रदेश विद्युत नियंत्रण आयोग

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited			
Consumer contributions and grants towards cost of capital assets		Form No: F10	
		Rs. Crores	
		True-up Petition	
		2019-20	
	Particulars	Additions during the Year	Balance at the end of the Year
1	Beneficiaries Contribution Towards Cost Of Capital Assets	384.89	1,613.12
2	Subsidies Towards Cost Of Capital Asset		
3	Grant Towards Cost Of Capital Assets	11.83	
4	Any Other Subsidy / Grant (Pls specify the source)		
	Total	396.72	1,613.12
Signature of Petitioner			



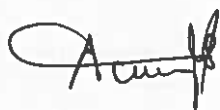

 (महोदय सिंह)
 असिस्टेंट अनियन्ता
 संचय निदेशक (निर्माण एवं वाणिज्य)
 उ०प्र०पा०ट्रा०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited						
Statement of Additional Capitalization					Form No: F14	
Rs. Crores						
No	Year	Work/ Equipment proposed to be added after COD up to Cut off Date/ Beyond Cut off Date	Amount capitalised and Proposed to be capitalised	Justification	Regulations under which covered	Admitted Cost ¹
1						
2						
3						
4						
5						
6		The Petitioner had submitted the capital cost of ongoing transmission lines and sub-stations and those to be undertaken in the 1st control period along with the MYT Petition as "Annexure 7". Further, the details of the assets completed during FY 2019-20 has already been submitted alongwith the True-Up Petition as Annexure 6. Further, regarding submission of the admitted capital cost and other details for individual assets, it is humbly submitted that the Petitioner is in process of seeking prior approval of the Hon'ble Commission for the assets planned from FY 2020-21 onwards. In view of this the Petitioner seeks waiver of the formats F7, F8, F11, F12, F13, F14, F15, F17 & F21.				
7						
8						
9						
10						
11						
12						
13						
Note: 1 Fill the form in chronological order year wise along with detailed justification clearly bring out the necessity and the benefits accruing to the beneficiaries. 2 In case initial spares are purchased alongwith any equipment, then the cost of such spares should be indicated separately. Signature of Petitioner						



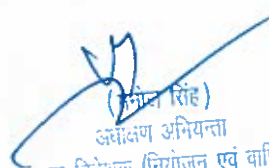
(मनी/ रिह)
अधीक्षक अनियन्ता
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उपप्रमाणितकालि

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited						
Calculation of Weighted Average Rate of Interest on Actual Loans						Form No: F25
Weighted Avg. Interest Rate for Long Term Debts for FY 2019-20						
Loan No.	Lender	Opening as on 01.04.2019	Addition	Repayment	Closing as on 31.03.2020	Interest
Loan 1	PFC	5086.42	916.25	343.37	5659.30	573.84
Loan 2	REC	6799.98	1248.31	720.55	7327.74	785.00
	Total	11,886.40	2,164.56	1,063.92	12,987.04	1,358.84
Weighted Avg. Interest Rate for Long Term Debts						10.93%
Signature of Petitioner						



(महेश सिंह)
अधीक्षक अभियन्ता
समग्र निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० कॉ० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Operations & Maintenance Cost		Form No: F26
		Rs. Crores
		True-up Petition
Sl.No	Particulars	2019-20
1	Repair & Maintenance Expenses	495.72
2	Employee Expenses	1227.95
2	Administrative and General Expenses	54.16
	Less :	
4	Expenses Capitalized	255.21
5	Administrative and General Expenses Capitalized	-
	Net O&M Expenses	1522.62
Signature of Petitioner		

(निवेश सिंह)
अचाराधन अनियन्ता
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Componentwise Details of Employee Expenses		Form No: F27C
		Rs. Crores
	Particulars	True-up Petition FY 2019-20
1	Salaries	790.77
2	Dearness Allowance	121.82
3	Other Allowances & Relief	41.17
4	Bonus/Exgratia	5.33
5	Medical Reimbursement	3.53
6	Leave Travel Allowance	0.00
7	Earned Leave Encashment	101.64
8	Compensation to Employees	0.31
9	Employee welfare expenses	1.58
10	Pension and gratuity	84.14
11	Other terminal benefits	48.65
12	Expenses on trust	9.57
13	Any other employee expenses	19.42
14	Arrear of Pay Commission/Time Scale	0.00
15	Additional employee Expenses (@2.5% of incremental GFA)	0.00
	Total Employee Costs	1227.95
15	Less: Employee expenses capitalised	255.21
	Net Employee expenses (D)-(E)	972.74

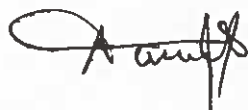
Note: The above break-up of the normative employee expenses is pro-rated on the basis of the actual employee expenses for FY 2019-20 as per the annual accounts.

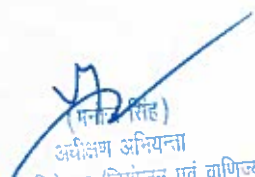
Signature of Petitioner



(निर्देशित)
अर्थशास्त्र विभाग
समर्थन निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Employee Strength		Form No: F28
S.NO	PARTICULARS	True-up Petition 2019-20
	Employee Strength	
	Working Strength at the Beginning of the Year	
	Employee Category	
	Board of Directors	4
1	Chief General Manager and Equivalent	2
2	General Manager and Equivalent	7
3	Deputy General Manager and equivalent	53
4	Executive Engineer and Equivalent	210
5	Assistant Engineer and Equivalent	481
6	Junior Engineer and Equivalent	1130
7	Class-III Employee	2977
8	Class-IV Employee	1508
	Total	6,372
	Sanctioned Strength at the Beginning of the Year	
	Employee Category	
	Board of Directors	4
1	Chief General Manager	3
2	General Manager	12
3	Deputy General Manager	70
4	Executive Engineer	269
5	Assistant Engineer	760
6	Junior Engineer and Equivalent	1,603
7	Class-III Employee	5,703
8	Class-IV Employee	5,049
	Total	13,473
Signature of the Petitioner		



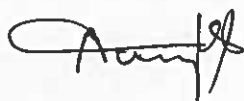

 (मन्मथ सिंह)
 अधीक्षण अभियन्ता
 सम्यक्ष निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र०पा०ट्रा०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
R&M Expenses		Form No: F30
		Rs. Crores
	Particulars	True-up Petition
		2019-20
1	Average Gross Fixed Assets	27,065.70
2	Percentage point as per the norm (%)	1.83%
3	Repair & Maintenance Expenses	495.72
Signature of Petitioner		

(Signature)

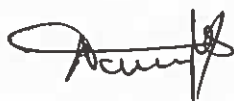
(मनीष सिंह)
उद्योग अनियन्ता
सम्वद्ध निदेशक (निर्वाहन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

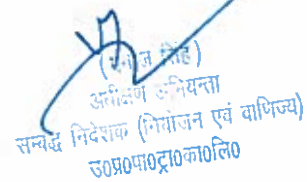
Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Componentwise Details of Administration & General Expenses		Form No: F31C
		Rs. Crores
	Particulars	True-up Petition 2019-20
A)	Administration Expenses	
1	Rent rates and taxes (Other than all taxes on income and profit)	1.36
2	Insurance of employees, assets, legal liability	0.03
3	Revenue Stamp Expenses Account	-
4	Telephone, Postage, Telegram, Internet Charges	1.95
5	Incentive & Award To Employees/Outsiders	-
6	Consultancy Charges	4.03
7	Travelling	5.18
8	Technical Fees	1.16
9	Other Professional Charges	-
10	Conveyance And Travel (vehicle hiring, running)	-
11	UPERC License fee	5.25
12	Security / Service Charges Paid To Outside Agencies	-
13	Regulatory Expenses	-
B)	Other Charges	
1	Fee And Subscriptions Books And Periodicals	0.00
2	Printing And Stationery	1.24
3	Advertisement Expenses (Other Than Purchase Related) Exhibition & Demo.	3.82
4	Contributions/Donations To Outside Institute / Association	0.00
5	Electricity Charges To Offices	2.00
6	Water Charges	0.00
7	Any Study - As per requirements	0.00
8	Any Other expenses	24.88
C)	Legal Charges	2.63
D)	Auditor'S Fee	0.62
E)	Freight - Material Related Expenses	0
F)	Departmental Charges	0
G)	Additional A&G expenses(@2.5% of incremental GFA)	-
	Total A&G Expenses	54.16
	Less: A&G Expenses Capitalised	-
	Total A&G Expenses	54.16
Note: The above break-up of the normative A&G expenses is pro-rated on the basis of the actual A&G expenses for FY 2019-20 as per the annual accounts.		
Signature of Petitioner		



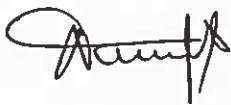
(अधीक्षक अभियन्ता)
साम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
उपप्रमोवा 04/04/2020

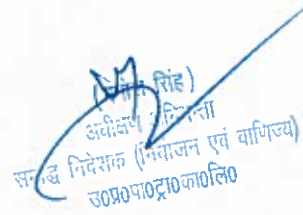
Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited									
Calculation of Depreciation Rate								Form No. 32	
		True-up Petition FY 2019-20							
S. No.	Depreciable Assets	Opening GFA as on 01.04.2019 (Depreciable Assets)	Cumulative Depreciation upto 31.03.2019	Net Addition (Depreciable Assets)	Closing GFA as on 31.03.2019 (Depreciable Assets)	Rate of Depreciation (%)	Gross Allowable Depreciation	Consumer Contribution	Net Allowable Depreciation
1	Buildings	1,085.14	266.83	144.92	1,230.05	3.02%	26.90	102.92	1,233.56
2	Other Civil Works	91.63	22.53	11.91	103.54	3.02%	2.27		
3	Plant & Machinery	12,822.19	3,152.92	1,146.47	13,968.66	7.81%	799.94		
4	Lines, Cables, Network etc.	11,314.74	2,782.24	1,686.76	13,001.50	5.27%	494.11		
5	Vehicles	3.37	0.83	0.00	3.37	12.77%	0.32		
6	Furniture & Fixtures	8.74	2.15	1.23	9.98	12.77%	0.92		
7	Office Equipment	9.55	2.35	2.56	12.11	12.77%	1.08		
8	Intangible Assets	4.27	1.05	0.00	4.27	15.00%	0.48		
9	Other assets	105.44	25.91	4.67	110.12	12.77%	10.45		
	Total	25,445.07	6,256.83	2,998.52	28,443.60	6.46%	1,336.48		
Signature of Petitioner									



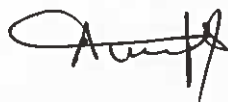

 (संज्ञित निदेश)
 अतिरिक्त उपायनता
 सम्यक् निदेशक (भियोजन एवं वाणिज्य)
 उ०प्र०पा०ट्रा०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited	
Statement of Depreciation	Form No. F33
	Rs. Crores
Particulars	True-up Petition
	2019-20[#]
Opening GFA	25,445.07
Additions to GFA	3,309.00
Deductions to GFA	310.48
Closing GFA	28,443.60
Cummulative Depreciation	6,256.83
Rate of Depreciation (%)	6.46%
Gross Allowable Depreciation	1,336.48
Less: Equivalent amount of depreciation on assets acquired out of the consumer contribution and GoUP Subsidy*	102.92
Net Allowable Depreciation	1,233.56
<i>* The opening, closing and addition in GFA is only for depreciable assets</i>	
Signature of Petitioner	



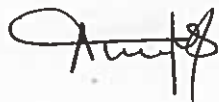

 अध्यक्ष (निदेशक)
 अर्थीकरण निदेशक
 संचालन निदेशक (निर्वाहक एवं वाणिज्य)
 ३०५०५०५०५०५०

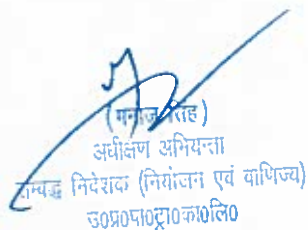
Name of Transmission Licensee: <u>Uttar Pradesh Power Transmission Corporation Limited</u>	
Calculation of Interest on Normative Loan	Form No: F35
	Rs. Crores
Particulars	True-up Petition 2019-20
Gross Normative loan - Opening	11,582.42
Net Normative loan - Opening	10,348.86
Increase/Decrease due to ACE during the Year	2,466.09
Repayments of Normative Loan during the year	1,233.56
Net Normative loan - Closing	12,814.94
Average Normative Loan	12,198.68
Weighted average Rate of Interest on actual Loans	10.93%
Interest on Normative loan	1,332.83
Signature of Petitioner	



(निर्वाह अधिकारी)
अधीक्षक अभियन्ता
सम्यक् निदेशक (निर्वाह एवं वाणिज्य)
उ०प्र० पा० ट्रा० कॉ० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Statement of Equity		Form No: F36
		Rs Crores
	Loan Details	True-up Petition
		2019-20
1	Equity (Opening Balance)	8,676.88
2	Net additions during the year	993.12
3	Equity (Closing Balance)	9,670.00
4	Average Equity	9,173.44
5	Rate of Return on Equity	2.00%
6	Return on Equity	183.47
7	Equity entitled to incentive	
8	Incentive	
9	Additional Return	
10	Total Return on Equity	183.47
Signature of Petitioner		




 (मन्मथ सिंह)
 अधीक्षक अभियन्ता
 राज्य निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र०पा०ट्रा०क०लि०

of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Ltd

Statement of Reconciliation of Net Actual

Form No: F38

Loan (opening) with Net Normative

Loan (Opening)

Rs. Crores

True-up Petition

FY 2019-20

Particulars

Net Actual Loan as per Books of Accounts
as on :

Add: Repayment Made till Date

Gross Actual Loan

Add: Equity considered as normative loan

Gross Normative Loan

Less : Depreciation Recovered as per ARR
till Date

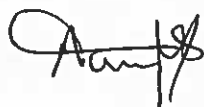
Less : Advance against Depreciation
recovered

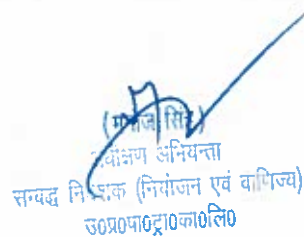
Net Normative Loan

The Petitioner humbly submits that the normative loan allowed by the Hon'ble Commission is 70% of the net investment after deducting the consumer contributions or grants from the investment as allowed by the Hon'ble Commission. In view of the same it is not possible to provide the reconciliation of the actual loans with the normative loan.

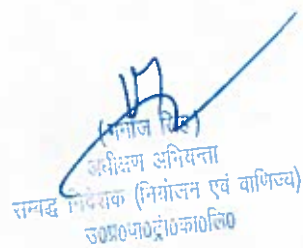
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Signature of Petitioner



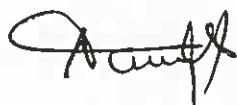
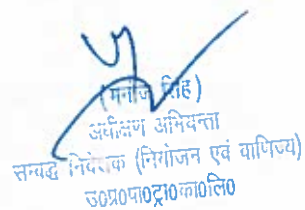

(प्रमुख निदेशक)
संवर्द्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० का० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Working Capital Requirements		Form No: F39
		Rs. Crores
	Loan Details	True-up Petition
		2019-20
1	O&M expenses for 1 month	126.89
2	Two months equivalent of expected revenue	665.84
3	R&M Expenses	495.72
4	Maintenance spares @ 40% of R&M expenses for two month	33.05
5	Less: Security deposits from consumers, if any	0.00
	Total Working Capital	825.77
	State Bank Advance Rate (SBAR)	13.80%
	Interest on Working Capital	113.96
Signature of Petitioner		

निजीय
अधीक्षण अभियन्ता
सामान्य निदेशक (नियोजन एवं वाणिज्य)
उत्तर प्रदेश विद्युत निगम

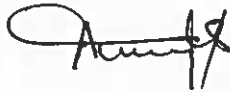
Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Details of Non-tariff Income		Form No: F40
Rs. Crores		
No	Particulars	True-up Petition
		FY 2019-20
1	Interest Income	32.10
2	Maintenance & Shutdown Charges	18.90
3	Income from Contractors & Suppliers	43.02
4	Rentals from Staff	0.13
5	Miscellaneous Receipts	3.73
6	Income from Subsidies & Grants (Repayment of	81.03
7	Supervision Charges	44.40
8	Income from Consumer Contribution Reserve	102.92
	Total	326.23
	Less: Income from Consumer Contributions	102.92
	Total	223.31
Signature of Petitioner		

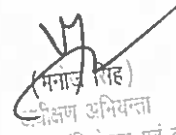



(मनीष सिंह)
अध्यक्ष अभियन्ता
संवर्धन निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० ट्रा० का० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Details of Expenses Capitalised		Form No: F42
		Rs. Crores
Sl.No.	Particulars	True-up Petition
		FY 2019-20
1	Interest & Finance charges Capitalised	168.20
2	Other expenses capitalised:	255.21
	a. Employee expenses	255.21
	b. R&M Expenses	
	c. A&G Expenses	0.00
	d. Depreciation	
	e. Others, if any	
	Grand Total	423.40
Signature of Petitioner		




(मिनाज सिंह)
उत्प्रेषण अभियन्ता
सम्बद्ध निदेशक (निर्माण एवं वाणिज्य)
उत्प्रेषण विभाग, दिल्ली

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Income Tax Provisions		Form No: F43
		Rs. Crores
		True-up Petition
		FY 2019-20
A	Income of FY	NIL
	Less:	
	Income exempt from taxation	
	Credits for carry forward of losses	
	Income from Incentives	
	Net Taxable Income	
	Tax Rate	
	Tax Amount	
B	Return on Equity	
	Tax Rate	
	Tax Amount	
	Tax Recoverable from Consumers (Lower of A or B)	
Note:	<i>'Income Tax Provisions' details which could not be provided by the Transmission Company at the time of this filing shall be furnished as and when they become due/ available.</i>	
Signature of Petitioner		



(मनोज सिंह)
अधीक्षक अनियन्ता
राज्य निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Extraordinary Items		Form No: F44
Rs. Crores		
Sl.No.	Particulars	True-up Petition
		FY 2019-20
1	Extraordinary Credits	NIL
	subsidies aganst losses due to natural disasters	
	TOTAL CREDITS	
2	Extraordinary Debits	
	subsidies aganst losses due to natural disasters	
	TOTAL DEBITS	
	Grand Total	
Signature of Petitioner		

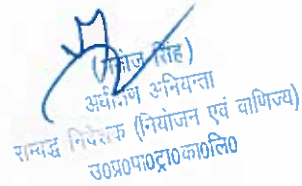



 (मनाज सिंह)
 अधीक्षण अभियन्ता
 रायबड़ निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र० पा० ट्रा० का० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Net Prior Period Expenses / Income		Form No: F45
		Rs. Crores
Sl.No.	Particulars	True-up Petition
		FY 2019-20
A	Income relating to previous years:	Nil
1	Interest income for prior periods	
2	Income Tax prior period	
3	Excess Provision for Depreciation	
4	Excess Provision for Interest and Fin. Charges	
5	Other Excess Provision	
6	Others Income	
	Sub-Total A	-
B	Expenditure relating to previous years	Nil
1	Operating Expenses	
2	Employee Cost	
3	Depreciation	
4	Interest and Finance Charges	
5	Admn. Expenses	
6	Withdrawal of Revenue Demand	
7	Material Related	
8	Other	
	Sub-Total B	-
	Net prior period Credit/(Charges) : A-B	-
Signature of Petitioner		




 (निर्देशक निहा)
 अर्वातम अनियन्ता
 रान्वद्ध निपेत्तक (नियोजन एवं वाणिज्य)
 उ०३०५०४१०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited		
Debits, Write-offs and any other items		Form No: F46
		Rs. Crores
Sl.No.	Particulars	As per the Provisional Accounts
		FY 2019-20
1	Material Cost Variance	
2	Miscellaneous Losses And Writte Off	
3	Bad Debt Written Off	2.99
5	Net Prior Period Credit/Charges	
6	Sub-Total	2.99
7	Less : Chargeable to Capital Account	
	Net Chargeable To Revenue	2.99
Signature of Petitioner		



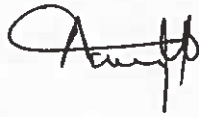
(मनाज सिंह)
अधीक्षक अनियन्ता
साम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
उपप्रबन्धक (कार्यालय)

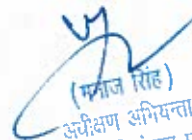
Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited						
Investments in Non business related activities					Form No: F47	
Rs. Crores						
Sl.No.	Description of investment	Balance at the beginning of the year	Further Investments during the year	Investments realised during the year	Balance at the end of the year	Remarks
NIL						
<i>*Note:- Information to be provided for Previous Year, Current Year & each year of Control period</i>						
Signature of Petitioner						

(Signature)

(Signature)
 अध्यक्ष (निर्माण)
 अध्यक्ष (अभियान)
 अध्यक्ष (नियोजन एवं वाणिज्य)
 अध्यक्ष (उपनिवेश)
 अध्यक्ष (उपनिवेश)

CAPITAL WORKS IN PROGRESS		
		True-up Petition
Particulars	Derivation	2019-20
Opening WIP as on 1st April	A	6,805.05
Investments	B	3,919.70
Employee Expenses Capitalisation	C	255.21
A&G Expenses Capitalisation	D	-
Interest Capitalisation on Interest on long term loans	E	168.20
Total Investments	F= A+B+C+D+E	11,148.16
Transferred to GFA (Total Capitalisation)	G	3,310.41
Closing WIP	H= F-G	7,837.75




 (मन्नाज सिंह)
 अधीक्षक अभियन्ता
 समग्र निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र०प०द्रा०का०लि०

Computation of O&M for True-up Petition for FY 2019-20

Employee Expenses

Particulars	True-up Petition FY 2019-20
	FY 2019-20
Norms per ckt kms (Rs. Crore)	0.0057
Line Length (ckt kms)	44,044.78
Employee Expenses (ckt kms) (Rs. Crore)	252.13
Norms per Bay (Rs. Crore)	0.1974
Number of Bays (nos)	4,944.00
Employee Expenses (Bays) (Rs. Crore)	975.81
Add: Arrears (Rs. Crore)	-
Total Employee Expenses (Rs. Crore)	1,227.95

R&M Expenses

Particulars	True-up Petition FY 2019-20
	FY 2019-20
Average GFA (Rs. Crore)	27,065.70
Kb - Factor (%)	1.83%
R&M Expense (Rs. Crore)	495.72

A&G Expenses

Particulars	True-up Petition FY 2019-20
	FY 2019-20
Norms per ckt kms (Rs. Crore)	0.0002
Line Length (ckt kms)	44,044.78
A&G Expenses for Transmission Lines (Rs. Crore)	10.02
Norms per Bay (Rs. Crore)	0.0052
Number of Bays (nos)	4,944.00
A&G Expenses for Bays (Rs. Crore)	25.80
Norms per Employee (Rs. Crore)	0.0010
Number of Employees (nos)	6,372.00
A&G Expenses for Employees (Rs. Crore)	6.08
License Fee for FY 2018-19 & FY 2019-20 (Rs. Crore)	12.27
Total A&G Expenses (Rs. Crore)	54.16

Total O&M Expenses

Particulars	True-up Petition FY 2019-20
	FY 2019-20
Gross Employee Expenses	1,227.95
Employee expenses capitalized	255.21
Net Employee Expenses	972.74
Gross A&G Expenses	54.16
A&G expenses capitalized	-
Net A&G Expenses	54.16
R&M Expenses	495.72
Total O&M Expenses	1,522.62



Annexure 2

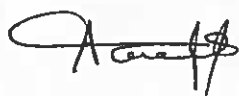
FORMATS FOR TRUE- UP, APR and ARR/ TARIFF FILING BY TRANSMISSION LICENSEES - Annexure 2

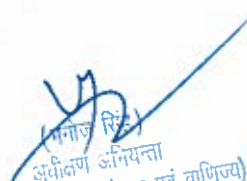
1	F1	Annual Revenue Requirement
2	F2	Alloted Transmission Capacity (MW) of Long Term Transmission Customers
3	F3A	Charges to be paid by Long Term Transmission Customers
4	F3B	Charges to be paid by Medium Term Transmission Customers
5	F3C	Charges to be paid by Short Term Transmission Customers
6	F4	Energy Transmitted/ Wheeled (MU)
7	F4A	Projection of Expected Revenue at Current Tariff Rates
8	F4B	Break-up of Revenue of FY 2019-20
9	F4C	Projection of Expected Revenue at Proposed Tariff Rates
10	F5	Details of Transmission Lines and Substations
11	F6	Normative Parameters Considered for Tariff Computations
12	F8B	Project Details: Capital Work-in-progress - Project-wise details
13	F10	Consumer contributions and grants towards cost of capital assets
14	F15	Statement of Capital Works in Progress
15	F17	Details of Loans
16	F18	Financing of Additional Capitalisation
17	F19	Consumer Price Inflation
18	F20	Wholesale Price Inflation
19	F21	O&M Expenses
20	F22A	Employee Expenses
21	F22B	Normative Employee Expenses
22	F22C	Componentwise Details of Employee Expenses
23	F22D	R&M Expenses
24	F22E	Componentwise Details of Administration & General Expenses
25	F22F	Componentwise Details of Administration & General Expenses
26	F22G	Normative Administration & General Expenses
27	F23_1	Calculation of Depreciation Rate FY 2020-21
28	F23_2	Calculation of Depreciation Rate FY 2021-22
29	F23A	Statement of Depreciation
30	F24	Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited
31	F25	Statement of Equity
32	F26	Working Capital Requirements
33	F27	Details of Non-tariff Income
34	F28	Short Term/ Medium Term Open Access Consumers
35	F30	Details of Expenses Capitalised
36	F33	Allocation statement of Expenses of SLDC
37		O&M Expenses

[Signature]

[Signature]
(महोदय सिंह)
अध्यक्ष अनियन्ता
सम्वद्ध निर्देशक (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय

Notes (Important):			
1	Petitions to be filed in the Control Period under Regulation 4.1 of the UPERC (MYT for Distribution & Transmission) Regulations, 2019		
	Filing date	True- Up	APR
	15.10.2019	Business Plan for FY 2020-21 to FY 2024-25	
	30.11.2019	FY 2018-19 (as per MYT Regulations, 2014)*	FY 2020-21
	30.11.2020	FY 2019-20 (as per MYT Regulations, 2014)*	FY 2021-22
	30.11.2021	FY 2020-21	FY 2022-23
	30.11.2022	FY 2021-22	FY 2023-24
	30.11.2023	FY 2022-23	FY 2024-25
*The filings shall be as per Multi-Year Distribution Tariff Regulations, 2014 and Multi-Year Transmission Tariff Regulations, 2014, however, filings have to be made on 30th November of the respective year as per these Regulations.			
2	The Licensees are required to provide the data in the given formats only within the specified timelines. Not applicable Formats, Cells /Columns should be left blank but not deleted.		
3	Wherever applicable, the Licensees are required to provide audited/ provisional data along with past years'.		
4	All forms are also to be submitted in hard copy, signed and stamped by an authorized person on behalf of Licensee as per Regulations.		
5	A few formats may seem to contain similar information, but the same has been done purposely for a reason, hence must be filled / linked.		
6	Formats must be provided with links, information entered once must be linked in other formats to avoid errors.		
7	The Licensee will collate all informations required in Public Hearing Process Chapter, topic wise (as given in Tariff Order) with the Comments/ Suggestions/ Objections required, then their reply to the Commission & then leave space for Commission's view. This file will be in word document & needs to be submitted with in 7 days from the Public Hearing held.		




 (निर्देशक)
 अध्यक्ष निदेशक (निर्माण एवं वाणिज्य)
 उ०प्र०पा०ट्रा०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Annual Revenue Requirement

Form No: F1

Rs. Crores

S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
I.	Energy Available (MU)	112722.91	124721.50
II.	Energy Transmitted/ Wheeled (MU)	108890.33	120568.28
III.	Loss %	3.40%	3.33%
IV.	Transmission Tariff per unit (Rs./kWh)	0.3017	0.2942
V	Total Transmission System Capacity (in MW)		
VI.	Transmission Cost per MW	-	-
VII.	Max Demand handled by the transmission system (in MW)	23867.00	25486.00
A.	Income from Transmission Function		
1	Receipts		
a	Transmission/Wheeling Charges at current tariff rates	3285.10	3547.12
b	Subsidy from Govt. (If any)	0.00	0.00
	Total Receipts (A)	3285.10	3547.12
B	Expenditure		
a	Net O&M Expenses		
i	R&M Expense	473.82	487.87
ii	Net Employee Expenses	582.63	613.50
iii	Net A&G Expense	50.82	52.33
	Total Net O&M expenses (i+ii+iii)	1107.28	1153.69
b	Depreciation	1062.15	1181.16

(निर्देशक)
अधीक्षक अभियन्ता
साम्बद्ध विदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०त०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Annual Revenue Requirement

Form No: F1

Rs. Crores

S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
c	Interest on Loan	1125.12	1207.59
d	Interest on Working Capital	51.09	55.48
e	Finance Charges	0.09	0.09
f	Contribution towards Contingency Fund	0.00	0.00
g	Return on Equity	169.77	186.79
h	Income Tax	0.00	0.00
	Total Expenditure (B)	3515.49	3784.81
C	Other Deductions		
a	Income from other Business	0.00	0.00
b	Non tariff income	230.39	237.68
c	75% of Charges recovered from Short Term open access customers	0.00	0.00
	Total Other Deductions (C)	230.39	237.68
D	Net ARR for Transmission Function (B-C)	3285.10	3547.12
E	ARR for SLDC Function	0.00	0.00
E.1	Revenue from SLDC Fee and Charges (When STU is operating the SLDC)		
E.2	SLDC Expenses (When STU is operating the SLDC)		
E.3	Net ARR for SLDC function (E.1- E.2)		
F	Net Annual Revenue Requirement of Licensee(D-E)	3285.10	3547.12
	Previous Year true up Adjustment		

Note: The ARR of SLDC shall be filed separately by SLDC.

Wherever required rows may be inserted to accommodate extra data.

Signature of Petitioner

निर्देशक (नियोजन एवं वाणिज्य)
अर्थ विभाग
राज्य निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख (नियोजन एवं वाणिज्य)

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Alloted Transmission Capacity (MW) of Long

Form No: F2

S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
A	Distribution Licensees		
1	Madhayanchal Vidyut Vitran Nigam Limited, Lucknow	Share of the state DISCOMs in SSGS & CSGS and in PPAs are to be decided and accordingly allocated transmission capacity will be finalised.	
2	Paschimanchal Vidyut Vitran Nigam Limited, Meerut		
3	Purvanchal Vidyut Vitran Nigam Limited, Varanasi		
4	Dakshinanchal Vidyut Vitran Nigam Limited, Agra		
5	KESCO		
6	Noida Power Company Limited	555	555
7	Others		
	i.		
	ii.		
	Sum of Total Alloted Transmission Capacity to all the Distribution Licensees	555	555
B	Bulk Consumers/Long Term Open Access Customers (If any) *		
1	Northern Railway	130.00	130.00
2	M/s JAL (Churk-KFCL)	65.00	65.00
3	M/s JAL (Churk-Chunar cement)	10.00	10.00
4	M/s ACC Ltd.(M/s -ACC)	9.38	9.38
5	M/s Ambuja Cement Ltd. (M/s - Ambuja)	9.38	9.38
6	M/s Amp Solar Clean Power Ltd. (M/s Raebareli Cement Works(Birla))	4.00	4.00
7	M/s Amp Solar Clean Power Ltd. (M/s Hitech Cement Works(Birla))	2.00	2.00
8	M/s Amp Solar Clean Power Ltd. (M/s RCCPL Pvt. Ltd.)	14.00	14.00
	Sum of Total Alloted Transmission Capacity to Bulk Consumers/Long Term Open Access Customers (If any)	243.75	243.75
	Total of (A+B)	798.75	798.75

*as per existing LTOA

Signature of Petitioner

(मनोज सिंह)
अधीक्षक अभियन्ता
समय निर्देशक (नियोजन एवं वाणिज्य)
उपप्रमुख

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited			
Charges to be paid by Long Term Transmission Customers		Form No: F3A	
Rs. Crores			
S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
A	Distribution Licensees		
1	Madhayanchal Vidyut Vitran Nigam Limited, Lucknow	645.68	690.13
2	Paschimanchal Vidyut Vitran Nigam Limited, Meerut	978.75	1088.37
3	Purvanchal Vidyut Vitran Nigam Limited, Varansi	763.57	834.43
4	Dakshinanchal Vidyut Vitran Nigam Limited, Agra	656.01	669.00
5	Noida Power Company Limited	65.62	78.99
6	KESCO	107.65	116.77
7	Others		
	i. States MP & HP		
	ii.		
B	Bulk Consumers/Long Term Open Access Consumers (If any)		
1	JAL (BPTA - KFCL)		
2	JAL (BPTA - DCF)		
3	JAL (BPTA - JAGO)		
4	JAL (BPTA - CCF)		
5	JAL (BPTA - JPSCGU)		
6	LTC (Open Access)	30.84	31.58
	Total	3248.13	3509.26
Signature of Petitioner			



(मनाज सिंह)
अधीक्षक अनियन्ता
सम्बद्ध निदेशक (निर्वाहन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Name of Transmission Licensee: Uttar Pradesh Pov			
Charges to be paid by Medium Term Transmission		Form No: F3B	
Rs. Crores			
S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Projected	Projected
A	Distribution Licensees		
1	Madhayanchal Vidyut Vitran Nigam Limited, Lucknow		
2	Paschimanchal Vidyut Vitran Nigam Limited, Meerut		
3	Purvanchal Vidyut Vitran Nigam Limited, Varansi		
4	Dakshinanchal Vidyut Vitran Nigam Limited, Agra		
5	KESCO		
6	Noida Power Company Limited	0	0
7	Northern Railway (U.P)	36.97	37.86
	i.		
	ii.		
B	Bulk Consumers/Medium Term Open Access Consumers (If any)		
1	JAL (Chunar - Churk)	0.00	0
2			
3			
	Total	36.97	37.86

Discoms are procuring energy through UPPCL

Signature of Petitioner



(मनोज सिह)
अधीक्षक अनियन्ता
सम्वद्ध निदेशक (नियोजन एवं वाणिज्य)
उपप्रयोगी दफ्तर काठमांडू

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Charges to be paid by Short Term Transmission Customers Form No: F3C

Rs. Crores

S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
A	Distribution Licensees		
1	Madhayanchal Vidyut Vitran Nigam Limited, Lucknow		
2	Paschimanchal Vidyut Vitran Nigam Limited, Meerut		
3	Purvanchal Vidyut Vitran Nigam Limited, Varansi		
4	Dakshinanchal Vidyut Vitran Nigam Limited, Agra		
5	KESCO		
6	Noida Power Company Limited		
7	Northern Railway (U.P)		
	i.		
	ii.		
B	Bulk Consumers/Short Term Open Access Consumers (If any)		
1			
2			
3			
	Total*	To be submitted on actual basis at the time of true up	

Discoms are procuring energy through UPPCL

Approvalwise transaction under Short Term of various applicants are being approved by Nodal Agency (RLDC, SLDC and IEX) for NPCL and other Open Access Customers (Embedded Generator or Consumer).

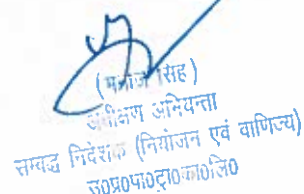
* Inclusive of charges of UPPTCL assets recognized as ISTS and received as per CERC Sharing Regulations (i.e. POC charges)

** Inclusive of charges received for previous years under POC mechanism

Not being approved separately in TO

Signature of Petitioner




(मन्मोज सिंह)
उपनिर्देशक (नियोजन एवं वाणिज्य)
उपप्रमुख (नियोजन एवं वाणिज्य)

Name of Transmission Licensee:Uttar Pradesh Power Transmission Corporation Limited

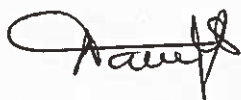
Energy Transmitted/ Wheeled (MU)

Form No: F4

A) Energy Transmitted/ Wheeled (MU)

S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
A	Distribution Licensees		
1	MVVNL(Lucknow)	21402.32	23457.77
2	PVVNL (Meerut)	32442.31	36994.28
3	PuVVNL (Varanasi)	25309.86	28362.69
4	DVVNL (Agra)	21744.72	22739.67
5	NPCL	2175.24	2684.77
6	KESCO	3568.13	3968.96
7	Northern Railway (U.P)	1225.55	1286.83
B	Bulk Consumers/Long Term Open Access Consumers (If any)		
1	LTC (Open Access)	1022.20	1073.31
2			
	TOTAL	108890.33	120568.28

Signature of Petitioner



(मनोज सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Protection of Expected Revenue at Current Tariff Rates

Form No: F4A

Rs. Crores

S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
A	Distribution Licensees		
1	Madhayanchal Vidyut Vitran Nigam Limited, Lucknow	508.95	557.83
2	Paschimanchal Vidyut Vitran Nigam Limited, Meerut	771.48	879.72
3	Purvanchal Vidyut Vitran Nigam Limited, Varansi	601.87	674.46
4	Dakshinanchal Vidyut Vitran Nigam Limited, Agra	517.09	540.75
5	Noida Power Company Limited	51.73	63.84
6	KESCO	84.85	94.38
7	Northern Railway (U.P)	29.14	30.60
	i.		
	ii.		
	TOTAL	2565.10	2841.59

B	Bulk Consumers/Long Term Open Access Consumers (If any)		
1	LTC (Open Access)	24.31	25.52
2			
	TOTAL	24.31	25.52
	Grand Total	2589.41	2867.11

Signature of Petitioner

(समाजिक न्याय)
अध्यक्ष, अनियन्ता
समय निर्देशक (नियोजन एवं वाणिज्य)
उपप्रमुख, दिल्ली

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Projection of Expected Revenue at Proposed Tariff Rates

Form No: F4C

Rs. Crores

S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
A	Distribution Licensees	Not Applicable	
1	Madhayanchal Vidyut Vitran Nigam Limited, Lucknow	645.68	690.13
2	Paschimanchal Vidyut Vitran Nigam Limited, Meerut	978.75	1088.37
3	Purvanchal Vidyut Vitran Nigam Limited, Varansi	763.57	834.43
4	Dakshinanchal Vidyut Vitran Nigam Limited, Agra	656.01	669.00
5	Noida Power Company Limited	65.62	78.99
6	KESCO	107.65	116.77
7	Northern Railway (U.P)	36.97	37.86
	i.		
	ii.		
	TOTAL	3254.26	3515.55
B	Bulk Consumers/Long Term Open Access Consumers (If any)		
1	LTC (Open Access)	30.84	31.58
2			
	TOTAL	30.84	31.58
	Grand Total	3285.10	3547.12
Less	Tariff at Current Rates	2589.41	2867.11
	Impact of Tariff Revision	695.69	680.01

Signature of Petitioner



(मिनीज सिंह)
अधीक्षक अभियन्ता
सम्यक् निरीक्षण (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Details of Transmission Lines and Substations

Form No: PS

Details of Transmission Lines

No	Name of line	Type of line AC/ HVDC	S/C or D/C	No. of Sub-conductors	Voltage level kV	Line length Ckt.- Km.	Date of Commercial operation
1	Details of the existing transmission lines upto March 2020 is Provided in Annexure of the True-up Petition for FY 2019-20. Further, the details of the ongoing and new lines to be undertaken in FY 2020-21 to FY 2024-25 attached as Annexure						
2							
3							
-							
-							
-							
-							

Details of Substations

No	Name of Sub-station	Type of Substation Conventional/ GIS	Voltage level kV	No. of transformers / Reactors/ SVC etc (with capacity)	No. of Bays	Date of Commercial operation	Covered in this petition (Yes/No)
1	Details of the existing Substations upto March 2020 is Provided in Annexure of the True-up Petition for FY 2019-20. Further, the details of the ongoing and new substations to be undertaken in FY 2020-21 is Provided in the Capital Investment Plan from FY 2020-21 to FY 2024-25 attached as Annexure.						
2							
3							
-							
-							
-							
-							

Signature of Petitioner

उत्तर प्रदेश विद्युत निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० का० लि०

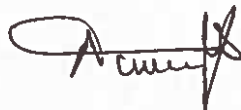
Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Normative Parameters Considered for Tariff Computations

Form No: F6

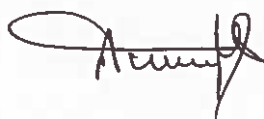
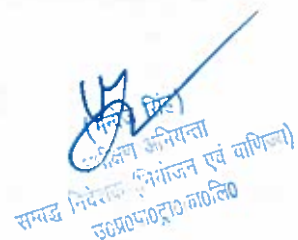
S.No.	Particulars	Units	APR	ARR
			FY 2020-21	FY 2021-22
			Revised Estimates	Projected
1	Base Rate of Return on Equity	%	2.0%	2.0%
2	Normative O&M per ckt.km	Rs. Crores		
3	Normative O&M per bay	Rs. Crores		
4	Normative A&G expenses per ckt.km	Rs. Crores		
5	Normative A&G per bay	Rs. Crores		
6	Normative R&M expenses	% of GFA		
7	Maintenance Spares for Working Capital	% of O&M	40%	40%
8	Receivables for Working Capital	in Months	1.5	1.5
9	SBI-MCLR (1-year) as on October 1st, 2019 (Applicable rate of interest for computation of IOWC)	%	10.65%	10.65%

Signature of Petitioner



अधीनस्थ (अधीनस्थ)
अधीनस्थ (अधीनस्थ)
समय निर्देशक (अधीनस्थ एवं वाणिज्य)
उपरोक्त निर्देशक (अधीनस्थ एवं वाणिज्य)

Name of the Transmission Licensee: Uttar Pradesh Power Transmission			
Project Details: Capital Work-in-progress - Project-wise details			
Form No: F8B			
Rs. Crore			
S No.	Particulars	APR	ARR
		2020-21	2021-22
1	Opening WIP as on 1st April	7,837.75	9,388.98
2	Investments	4,132.22	5,123.22
3	Employee Expenses Capitalisation	386.18	406.64
4	A&G Expenses Capitalisation	0.00	0.00
5	Interest Capitalisation on Interest on long term loans	162.49	174.40
6	Total Investments	12,518.64	15,093.24
7	Transferred to GFA (Total Capitalisation)	3,129.66	3,773.31
8	Closing WIP	9,388.98	11,319.93
Signature of Petitioner			

उत्तर प्रदेश विद्युत निगम लिमिटेड
समग्र निदेशक (निर्माण एवं वाणिज्य)
उपप्रमुख, प्रशासन

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited							
Consumer contributions and grants towards cost of capital assets				Form No: F10			
Rs. Crores							
S. No	Particulars	APR			ARR		
		FY 2020-21			FY 2021-22		
		Revised Estimates			Projected		
		Balance at the end of the Year	Additions during the Year	Amortisation	Balance at the end of the Year	Additions during the Year	Amortisation
1	Beneficiaries Contribution Towards Cost Of Capital Assets	1613.12	400.41	125.84	1887.69	829.56	147.26
2	Subsidies Towards Cost Of Capital Asset						
3	Grant Towards Cost Of Capital Assets						
4	Any Other Subsidy / Grant (PIs specify the source)						
	Total	1613.12	400.41	125.84	1887.69	829.56	147.26

Signature of Petitioner




(मन्त्री निवास)
(अधीक्षक अनियन्ता
सम्वद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०प०ट०क०लि०)

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

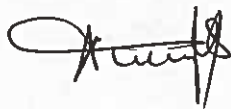
Statement of Capital Works in Progress

Form No: F15

Rs. Crores

S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
A	Opening CWIP Amount as per books	7,837.75	9,388.98
B	Addition/Adjustment in CWIP Amount during the period	0.00	0
C	Capitalization/Transfer to Fixed asset of CWIP Amount during the period	3,129.66	3,773.31
D	Closing CWIP Amount as per books	9,388.98	11,319.93

Signature of Petitioner



(निदेशक सिंह)
अधीक्षण अभियन्ता
राज्य विपरीत (नियोजन एवं वाणिज्य)
उपप्रमुख (नियोजन एवं वाणिज्य)

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Details of Loans

Form No:F17

Rs. Crores

Particulars	FY 2020-21	FY 2021-22
Opening Loan	11,360.60	12,208.92
Loan Additions (70% of Investments)	1,910.47	2,060.63
Less: Repayments (Depreciation allowable for the year)	1,062.15	1,181.16
Closing Loan Balance	12,208.92	13,088.39
Weighted Average Rate of Interest	10.93%	10.93%
Interest on long term loan	1,287.61	1,382.00
Interest Capitalisation Rate	12.62%	12.62%
Less: Interest Capitalized	162.49	174.40
Net Interest Charged	1,125.12	1,207.59

Signature of Petitioner



(गंगाज सिंह)
अधीक्षक अभियन्ता
समग्र निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० ट्रा० का० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

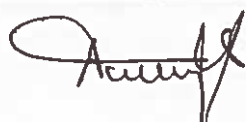
Financing of Additional Capitalisation

Form No: F18

Rs Crores

Particulars	APR	ARR
	FY 2020-21	FY 2021-22
	Revised Estimates	Projected
Investment	4132.22	5123.22
Less:	0.00	0.00
Consumer Contribution/Grant	400.41	829.56
Investment funded by debt and equity	3731.81	4293.66
Debt Funded	2612.27	3005.56
Equity Funded	1119.54	1288.10
* Note: The above figures are Normative		

Signature of Petitioner



(मन्त्रालय स्तर)
अधीक्षक अभियन्ता
सामग्र्य निदेशक (नियोजन एवं वित्तिय)
उ०प्र० पा० ट्रा० का० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Consumer Price Inflation

Form No: F19

Particulars	APR		ARR	
	FY 2020-21		FY 2021-22	
	Approved (in TO)	Revised Estimates	Approved (in TO)	Revised Estimates
Annual Average CPI Index		5.30%		5.30%

Note: CPI Index shall be considered from the Website of Ministry of Labour Bureau, Government of India.

Signature of Petitioner



(निवाज सिंह)
अधीक्षण अनियन्ता
साम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Wholesale Price Inflation

Form No: F20

Particulars	APR		ARR	
	FY 2020-21		FY 2021-22	
	Approved (in TO)	Revised Estimates	Approved (in TO)	Revised Estimates
Annual Average WPI Index		2.96%		2.96%

Note : WPI Index shall be considered from the Website of Office of Economic Advisor of Government of India.

Signature of Petitioner



(मनोज सिंह)
अधीक्षक अनियन्ता
साम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० का० लि०

Name of Transmission Licensee: Uttar Pradesh Power

Transmission Corporation Limited

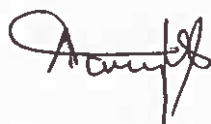
O&M Expenses

Form No.: F21

Rs. Crores

Sr. No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Normative
1	Employee Expenses	968.81	1020.13
2	A&G Expenses	50.82	52.33
3	R & M Expenses	473.82	487.87
4	Gross O&M Expenses	1493.45	1560.33
5	Expenses Capitalised	386.18	406.64
a.	Employee Expenses Capitalised	386.18	406.64
b.	A&G Expenses Capitalised	0.00	0.00
6	Net O&M Expenses	1107.28	1153.69

Signature of Petitioner



(मन्त्री/सचिव)
अधीक्षण अभियन्ता
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०दा०का०रि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

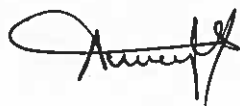
Employee Expenses

Form No: F22A

Rs. Crores

Particulars	APR		ARR
	FY 2020-21		FY 2021-22
	Approved (in TO)	Revised Estimates	Projected
Gross Employee Expenses	607.29	968.81	1020.13
Employee Expenses Capitalised	371.63	386.18	406.64
Net Employee Expenses	235.66	582.63	613.50

Signature of Petitioner



(मनीष सिंह)
अधीक्षक अभियन्ता
समग्र निदेशक (नियोजन एवं बाणिज्य)
उ०प्र० पा० ट्रा० का० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

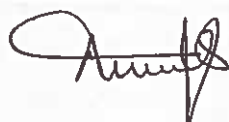
Normative Employee Expenses

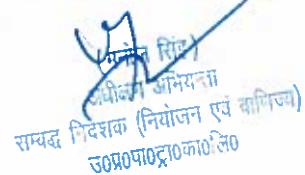
Form No: F22B

Rs. Crore

S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
A	Norms per ckt/km	Not Applicable on account of change to new MYT Regulations 2019	
B	Length of ckt/km		
C	Employee Expenses (ckt/km)		
	Total		
D	Norms per bay		
E	Number of bay		
F	Employee Expenses (bay)		
	Total		
	Arrears		
G	Total Employee Expenses (C+F)		

Signature of Petitioner




 राज्य निर्देशक (नियोजन एवं वित्तिय)
 उ०प्र०पा०दा०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Componentwise Details of Employee Expenses

Rs. Crores

S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
1	Salaries	623.89	656.94
2	Dearness Allowance	96.11	101.20
3	Other Allowances & Relief	32.48	34.21
4	Bonus/Exgratia	4.21	4.43
5	Medical Reimbursement	2.79	2.93
6	Leave Travel Allowance	0.00	0.00
7	Earned Leave Encashment	80.19	84.44
8	Compensation to Employees	0.24	0.26
9	Employee welfare expenses	1.25	1.31
10	Pension and gratuity	66.39	69.90
11	Other terminal benefits	38.38	40.42
12	Expenses on trust	7.55	7.95
13	Any other employee expenses	15.32	16.14
14	Arrear of Pay Commission/Time Scale	0.00	0.00
15	Additional employee Expenses(@2.5% of incremental GFA)	0.00	0.00
16	Grand Total	968.81	1020.13
17	Employee expenses capitalised	386.18	406.64
18	Net Employee expenses	582.63	613.50

Signature of Petitioner

(**मनीष सिंह**)
अधीक्षक अभियन्ता
साम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० अ० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

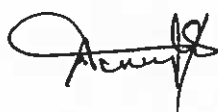
R&M Expenses

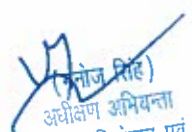
Form No: F22D

Rs. Crores

S.No	Particulars	APR		ARR
		FY 2020-21		FY 2021-22
		Approved (In TO)	Revised Estimates	Projected
1	Repair & Maintenance Expenses	307.64	473.82	487.87

Signature of Petitioner




(नियोज सिंह)
अधीक्षक अभियन्ता
साम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० कॉ० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

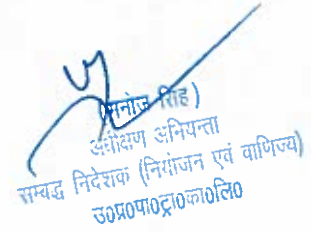
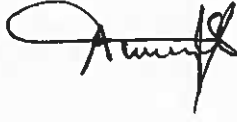
Administration and General Expenses

Form No: F22E

Rs. Crores

Particulars	APR		ARR
	FY 2020-21		FY 2021-22
	Approved (in TO)	Revised Estimates	Projected
Gross A&G Expenses	47.08	50.82	52.33
A&G Expenses Capitalised	0	0.00	0.00
Net A&G Expenses	47.08	50.82	52.33

Signature of Petitioner



प्रमोद सिंह
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Componentwise Details of Administration & General Expenses

Form No: F22F

Rs. Crores

S.No.	Particulars	APR	ARR
		FY 2020-21	FY 2021-22
		Revised Estimates	Projected
A)	Administration Expenses		
1	Rent rates and taxes (Other than all taxes on income and profit)	1.28	1.32
2	Insurance of employees, assets, legal liability	0.03	0.03
3	Revenue Stamp Expenses Account	0.00	0.00
4	Telephone, Postage, Telegram, Internet Charges	1.83	1.89
5	Incentive & Award To Employees/Outsiders	0.00	0.00
6	Consultancy Charges	3.78	3.90
7	Travelling	4.86	5.00
8	Technical Fees	1.09	1.12
9	Other Professional Charges	0.00	0.00
10	Conveyance And Travel (vehicle hiring, running)	0.00	0.00
11	UPERC License fee	4.92	5.07
12	Security / Service Charges Paid To Outside Agencies	0.00	0.00
13	Regulatory Expenses	0.00	0.00
	Sub-Total of Administrative Expenses	17.80	18.33
B)	Other Charges	0.00	0.00
1	Fee And Subscriptions Books And Periodicals	0.00	0.00
2	Printing And Stationery	1.17	1.20
3	Advertisement Expenses (Other Than Purchase Related) Exhibit	3.58	3.69
4	Contributions/Donations To Outside Institute / Association	0.00	0.00
5	Electricity Charges To Offices	1.88	1.93
6	Water Charges	0.00	0.00
7	Any Study - As per requirements	0.00	0.00
8	Any Other expenses	23.35	24.04
	Sub-Total of other charges	29.98	30.86
C)	Legal Charges	2.46	2.54
D)	Auditor's Fee	0.58	0.60
E)	Freight - Material Related Expenses	0.00	0.00
F)	Departmental Charges	0.00	0.00
G)	Total Charges	50.82	52.33
	Additional A&G expenses(@2.5% of incremental GFA)	0.00	0.00
H)	Total Charges Chargeable To Capital Works	0.00	0.00
I)	Total Charges Chargeable to Revenue Expenses	50.82	52.33

Signature of Petitioner

(मनोज सिंह)
अधीक्षक अभियन्ता
समय निदेशक (निर्माण एवं परीक्षण)

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Normative Administration & General Expenses

Form No: F22G

Rs. Crore

S.No.	Particulars	APR		ARR
		FY 2020-21		FY 2021-22
		Approved (in TO)	Revised Estimates	Projected
A	Norms per ckt/km	Not Applicable on account of change to new MYT Regulations 2019		
B	Length of ckt/km			
C	Administration & General Expenses (ckt/km)			
	Total			
D	Norms per bay			
E	Number of bay			
F	Administration & General Expenses (bay)			
	Total			
G	Norms per Employee (Rs. Crore)			
H	Number of Employees (nos)			
	Total			
G	Total Administration & General Expenses (C+F)			

Signature of Petitioner

(मनोज सिह)
अधीक्षक अभियन्ता
राज्यद्व निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited
Calculation of Depreciation Rate FY 2020-21

Form No: F23 1

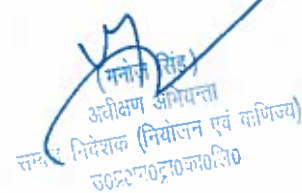
Fixed Assets and Depreciation For past year, True-Up year, APR year and for each Year of MYT Control Period

Particulars *	Gross Block up to FY 2019-20				Depreciation up to FY 2019-20			
	Opening GFA	Additions to GFA	Deductions to GFA	Closing GFA	Cumulative Depreciation	Written Down Value as on 1.4.2020	Depreciation Rate (%)	Allowable Depreciation
Land & Land Rights								
Unclassified	141.97	1.31	43.84	99.45	0.00	99.45	0.00%	-
Freehold Land	1.26	0.09	1.29	0.06	0.00	0.06	0.00%	-
Buildings	1085.14	145.76	0.85	1230.05	323.92	906.13	3.34%	30.26
Other Civil Works	91.63	11.91	0.00	103.54	27.27	76.27	3.34%	2.55
Plant & Machinery	12822.19	1435.39	288.92	13968.66	3678.53	10290.13	5.28%	543.32
Lines, Cable Network etc.	11314.74	1707.37	20.61	13001.50	3423.84	9577.66	5.28%	505.70
Motor Vehicles	3.37	0.00	0.00	3.37	0.89	2.48	9.50%	0.24
Furniture & Fixtures	8.74	1.23	0.00	9.98	2.63	7.35	6.33%	0.47
Office Equipments	9.55	2.56	0.00	12.11	3.19	8.92	6.33%	0.56
Truck & Motor Car	0.00	0.00	0.00	0.00	0.00	0.00	9.50%	-
Intangible Assets	4.27	0.03	0.00	4.30	1.13	3.16	5.28%	0.17
Assets taken over from Licensees ending final Valuation	105.44	4.74	0.10	110.09	28.99	81.10	5.28%	4.28
TOTAL Depreciable Assets	25445.07	3309.00	310.48	28443.60	7490.39	20953.21	5.19%	1087.55
Total Non Depreciable Assets	143.23	1.41	45.13	99.50	0.00	99.50		0.00
Grand Total	25588.30	3310.41	355.61	28543.10	7490.39	21052.71		1087.55

The particular of asset and rate of depreciation should match with those provided in the applicable Tariff Regulations

Signature of Petitioner




मनोज सिंघ
अधीक्षक अभियन्ता
समय निर्देशक (नियोजन एवं वित्तिय)
उपप्रादेशिक कार्यालय

Name of Transmission Licensee: Uttar F

Calculation of Depreciation Rate FY 2

Form No: F23_1

Fixed Assets and Depreciation For past

Particulars *	Gross Block for FY 2020-21 onwards				
	As at the beginning of the Financial Year 2020-21	Additions	Deductions	As at the end of the Financial Year	Average GFA
Land & Land Rights					
i) Unclassified	0.00	17.36	0.00	17.36	8.68
ii) Freehold Land	0.00	0.15	0.00	0.15	0.08
Buildings	0.00	132.72	0.00	132.72	66.36
Other Civil Works	0.00	11.21	0.00	11.21	5.60
Plants & Machinery	0.00	1568.26	0.00	1568.26	784.13
Lines, Cable Network etc.	0.00	1383.89	0.00	1383.89	691.94
Vehicles	0.00	0.41	0.00	0.41	0.21
Furniture & Fixtures	0.00	1.07	0.00	1.07	0.53
Office Equipments	0.00	1.17	0.00	1.17	0.58
Jeep & Motor Car	0.00	0.00	0.00	0.00	0.00
Intangible Assets	0.00	0.52	0.00	0.52	0.26
Assets taken over from licensees pending final Valuation	0.00	12.90	0.00	12.90	6.45
TOTAL Depreciable Assets	0.00	3112.14	0.00	3112.14	1556.07
Total Non Depreciable Assets	0.00	17.52	0.00	17.52	8.76
Grand Total	0.00	3129.66	0.00	3129.66	1564.83
* The particular of asset and rate of dep					

Signature of Petitioner

(समय सिंह)
अधीक्षक अभियन्ता
सामान्य निर्देशक (निर्माण एवं वाणिज्य)
उपनिवेश, काठमाडौं

Name of Transmission Licensee: Uttar F

Calculation of Depreciation Rate FY 2

Form No: F23 1

Fixed Assets and Depreciation For past

Particulars *	Depreciation FY 2020-21 Onwards				
	Depreciation Rate	Allowable Depreciation FY 2020-21 onwards	Gross Allowable Depreciation	Less: Equivalent amount of depreciation on assets acquired out of the consumer contribution and GoUP Subsidy	Net Allowable Depreciation
Land & Land Rights					
i) Unclassified	0.00%	-			
ii) Freehold Land	0.00%	-			
Buildings	3.34%	2.22			
Other Civil Works	3.34%	0.19			
Plants & Machinery	5.28%	41.40			
Lines, Cable Network etc.	5.28%	36.53			
Vehicles	9.50%	0.02			
Furniture & Fixtures	6.33%	0.03			
Office Equipments	6.33%	0.04			
Jeep & Motor Car	9.50%	-			
Intangible Assets	5.28%	0.01			
Assets taken over from Licensees pending final Valuation	5.28%	0.34			
TOTAL Depreciable Assets	5.19%	80.78	1168.33	106.18	1062.15
Total Non Depreciable Assets		0.00			
Grand Total		80.78			

* The particular of asset and rate of dep

Signature of Petitioner




 अधीक्षण अभियन्ता
 संपद निदेशक (नियोजन एवं कागजिय)
 उत्तर प्रदेश विद्युत बोर्ड

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited
Calculation of Depreciation Rate FY 2021-22

Form No: F21.1

Fixed Assets and Depreciation For past year, True-Up year, APR year and for each Year of MYT Control Period

Particulars *	Gross Block up to FY 2019-20				Depreciation up to FY 2019-20				Gross Block for FY 2021-22 onwards				
	Opening GFA	Additions to GFA	Deductions to GFA	Closing GFA	Cumulative Depreciation	Written Down Value as on 1.4.2020	Depreciation Rate (%)	Allowable Depreciation	As at the beginning of the Financial Year 2021-22	Additions	Deductions	As at the end of the Financial Year	Average GFA
Land & Land Rights													
i) Unclassified	141.97	1.31	43.84	99.45	0.00	99.45	0.00%	-	17.36	20.94	0.00	38.30	27.83
ii) Freehold Land	1.26	0.09	1.29	0.06	0.00	0.06	0.00%	-	0.15	0.19	0.00	0.34	0.25
Buildings	1085.14	145.76	0.85	1230.05	323.92	906.13	3.34%	30.26	132.72	160.02	0.00	292.74	212.73
Other Civil Works	91.63	11.91	0.00	103.54	27.27	76.27	3.34%	2.55	11.21	13.51	0.00	24.72	17.96
Plants & Machinery	12822.19	1435.39	288.92	13968.66	3678.53	10290.13	5.28%	543.32	1568.26	1890.79	0.00	3459.05	2513.65
Lines, Cable Network etc.	11314.74	1707.37	20.61	13001.50	3423.84	9577.66	5.28%	505.70	1383.89	1668.50	0.00	3052.38	2218.13
Vehicles	3.37	0.00	0.00	3.37	0.89	2.48	9.50%	0.24	0.41	0.50	0.00	0.91	0.66
Furniture & Fixtures	8.74	1.23	0.00	9.98	2.63	7.35	6.33%	0.47	1.07	1.29	0.00	2.36	1.71
Office Equipments	9.55	2.56	0.00	12.11	3.19	8.92	6.33%	0.56	1.17	1.41	0.00	2.58	1.87
Jeep & Motor Car	0.00	0.00	0.00	0.00	0.00	0.00	9.50%	-	0.00	0.00	0.00	0.00	0.00
Intangible Assets	4.27	0.03	0.00	4.30	1.13	3.16	5.28%	0.17	0.52	0.63	0.00	1.15	0.84
Assets taken over from Licensees pending Final Valuation	105.44	4.74	0.10	110.09	28.99	81.10	5.28%	4.28	12.90	15.55	0.00	28.45	20.67
TOTAL Depreciable Assets	25445.07	3309.00	310.48	28443.60	7490.39	20953.21	5.19%	1087.55	3112.14	3752.19	0.00	6864.33	4988.24
Total Non Depreciable Assets	143.23	1.41	45.13	99.50	0.00	99.50		0.00	17.52	21.12	0.00	38.64	28.08
Grand Total	25588.30	3310.41	355.61	28543.10	7490.39	21052.71		1087.55	3129.66	3773.31	0.00	6902.97	5016.31

* The particular of asset and rate of depreciation should match with those provided in the applicable Tariff Regulations

Signature of Petitioner

(मनोहर सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द्वा० का० लि०

Name of Transmission Licensee: Uttar P
Calculation of Depreciation Rate FY 2

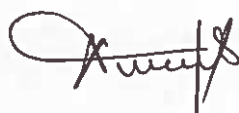
Form No: F23.2

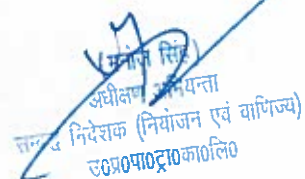
Used Assets and Depreciation For past

Particulars *	Depreciation FY 2021-22 Onwards		Gross Allowable Depreciation	Less: Equivalent amount of depreciation on assets acquired out of the consumer contribution and GoIP Subsidy	Net Allowable Depreciation
	Depreciation Rate	Allowable Depreciation FY 2021-22 onwards			
Land & Land Rights					
1) Unclassified	0.00%	-			
2) Freehold Land	0.00%	-			
Buildings	0.00%	-			
Other Civil Works	3.34%	0.60			
Plants & Machinery	3.34%	83.96			
Lines, Cable Network etc.	5.28%	117.12			
Vehicles	5.28%	0.03			
Furniture & Fixtures	9.50%	0.16			
Office Equipments	6.33%	0.12			
Jeep & Motor Car	6.33%	-			
Intangible Assets	9.50%	0.08			
Assets taken over from Licensees		1.09			
Adding final Valuation	5.28%				
TOTAL Depreciable Assets	4.07%	203.16	1290.71	109.55	1181.16
Total Non Depreciable Assets		0.00			
Grand Total		203.16			

* The particular of asset and rate of dep

Signature of Petitioner




अधीक्षक अभियन्ता
समस्त निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Statement of Depreciation

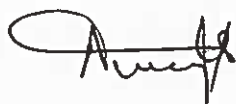
Form No. F23A

Rs. Crores

Particulars	APR	ARR
	FY 2020-21	FY 2021-22
	Revised Estimates	Projected
Opening GFA	0.00	3129.66
Additions to GFA	3129.66	3773.31
Deductions to GFA	0.00	0.00
Closing GFA	3129.66	6902.97
Cummulative Depreciation	1087.55	1087.55
Rate of Depreciation (%)	5.19%	4.07%
Gross Allowable Depreciation	1168.33	1290.71
Less: Equivalent amount of depreciation on assets acquired out of the consumer contribution and GoUP Subsidy*	106.18	109.55
Net Allowable Depreciation	1062.15	1181.16

* This includes depreciation withheld due to non maintenance of FAR

Signature of Petitioner



(मनाज सिंह)
अधीक्षण अभियन्ता
सन्वय निदेशक (निर्वाहन एवं वाणिज्य)
उपपक्षेत्रीय कार्यालय

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Interest on Normative Loan

Form: F24

(Rs. Crore)

Sr. No.	Source of Loan	APR (FY 2020-21)		ARR
		Approved in Tariff Order	Revised Estimates	FY 2021-22
				Projected
1	Opening Balance of Normative Loan	10698.55	11360.60	12208.92
3	Addition of Normative Loan due to capitalisation during the year	3234.18	1910.47	2060.63
4	Repayment of Normative loan during the year	1205.52	1062.15	1181.16
5	Closing Balance of Normative Loan	12727.21	12208.92	13088.39
6	Average Balance of Normative Loan	11712.88	11784.76	12648.66
7	Weighted average Rate of Interest on actual Loans (%)	11.16%	10.93%	10.93%
8	Interest Expenses	1307.28	1287.61	1382.00
9	Interest on Security Deposit from Consumers and Distribution system Users	0.00		
10	Total Interest Expenses	1307.28	1287.61	1382.00

Signature of Petitioner

(मनोज सिंघ)
अधीक्षक अभियन्ता
संव्यव निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० का० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Statement of Equity

Form No: F25

Rs Crores

S.No.	Particulars	APR		ARR
		FY 2020-21		FY 2021-22
		Approved (In TO)	Revised Estimates	Projected
1	Equity (Opening Balance)	7726.62	8078.99	8897.77
2	Net additions during the year	764.23	818.77	883.13
3	Equity (Closing Balance)	8490.85	8897.77	9780.89
4	Average Equity	8108.74	8488.38	9339.33
5	Rate of Return on Equity	2%	2%	2%
6	Return on Equity	162.17	169.77	186.79

Signature of Petitioner

(मनोज सिंघ)
अधीक्षक अभियन्ता
संचयन विभाग (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Working Capital Requirements

Form No: F26

Rs. Crores

S.No	Particulars	APR		ARR
		FY 2020-21		FY 2021-22
		Approved (in TO)	Revised Estimates	Projected
1	O&M expenses for 1 month	49.20	124.45	130.03
2	One and a half month equivalent of expected revenue from transmission tariff	251.57	323.68	358.39
3	Maintenance spares @40% of R&M expenses for two months	20.51	31.59	32.52
4	Less: Security deposits from consumers, if any			
	Total Working Capital	321.28	479.72	520.94
	Interest Rate (%)	10.65%	10.65%	10.65%
	Interest on Working Capital	34.22	51.09	55.48

Signature of Petitioner



उत्तर प्रदेश विद्युत निदेशक (नियोजन एवं वाणिज्य)
राज्य विद्युत निदेशक (नियोजन एवं वाणिज्य)
राज्य विद्युत निदेशक (नियोजन एवं वाणिज्य)

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

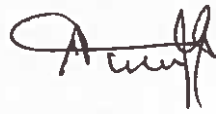
Details of Non-tariff Income

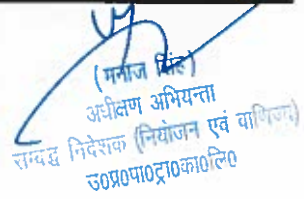
Form No: F27

Rs. Crores

S.No	Particulars	APR		ARR
		FY 2020-21		FY 2021-22
		Approved (in TO)	Revised Estimates	Projected
	Total Non Tariff Income	75.36	230.39	237.68

Signature of Petitioner




(मनीष सिंह)
अधीक्षक अभियन्ता
संव्यवस्था निदेशक (नियोजन एवं वाणिज्य)
उपप्रमोदराकाठिल

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Short Term/ Medium Term Open Access Consumers

Form No: F28

Rs. Crores

Particulars	APR		ARR
	FY 2020-21		FY 2021-22
	Approved (in TO)	Revised Estimates	Projected
Number of Short/ Medium Term Open Access Customers	To be submitted on actual basis at the time of true up		
Short/ Medium term transmission tariff approved by the Commission			
Revenue from Short/ Medium term OA customers			

Not being approved separately in TO

Signature of Petitioner



(गुनोज सिंह)
अधीक्षक अभियन्ता
सामयिक निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख, उत्तर प्रदेश विद्युत निगम लि.

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

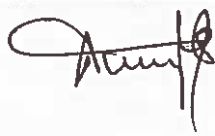
Details of Expenses Capitalised

Form No: F30

Rs. Crores

Sl.No.	Particulars	APR		ARR
		FY 2020-21		FY 2021-22
		Approved (In TO)	Revised Estimates	Projected
1	Interest & Finance charges Capitalised	298.36	162.49	174.40
2	Other Expenses Capitalised:			
	a. Employee Expenses	371.63	386.18	406.64
	b. R&M Expenses			
	c. A&G Expenses	0	0	0
	d. Depreciation			
	e. Others, if any			
	Total of 2	371.63	386.18	406.64
	Grand Total	669.99	548.67	581.04

Signature of Petitioner



(निर्वाहक)
अधीक्षक अभियन्ता
सामग्र्य विभाग (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० का० लि०

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited

Allocation statement of Expenses of SLDC

Form No: F33

	Particulars	APR					ARR				
		FY 2020-21					FY 2021-22				
		Total Expenses of STU	Allocated % of Transmission	Transmission Share	Allocated % of SLDC	SLDC Share	Total Expenses of STU	Allocated % of Transmission	Transmission Share	Allocated % of SLDC	SLDC Share
	Expenditure										
a	Net O&M Expenses										
i	R&M Expense					3.49					3.91
ii	Net Employee Expenses					26.43					29.60
iii	Net A&G Expense					3.62					4.05
	Total Net O&M expenses (i+ii+iii)					33.54					37.56
b	Depreciation					1.15					1.31
c	Interest on Loan										
f	Return on Equity										
g	Capital Expenditure					0.4					4.56
h	Other Expenditure										
i	Non-tariff Income					6					6.72
J	Income Tax										
	Total Expenditure					29.09					36.71

Signature of Petitioner

(सविन सिंह)
अधीक्षण अभियन्ता
राज्य निर्देशक (नियोजन एवं वाणिज्य)
उपप्रमुख, 10/10/20

		Normative Expenses (upto base year)	MYT (2 nd Control Period)	
Sr. No.	Particulars	FY 2019-20	FY 2020-21	FY 2021-22
1	Employee Expenses	920.06	968.81	1020.13
2	A&G Expenses	49.36	50.82	52.33
3	R & M Expenses	460.19	473.82	487.87
4	Gross O&M Expenses	1429.61	1493.45	1560.33
5	Expenses Capitalised	255.21	386.18	406.64
a.	Employee Expenses Capitalised	255.21	386.18	406.64
b.	A&G Expenses Capitalised	0.00	0.00	0.00
6	Net O&M Expenses	1174.40	1107.28	1153.69
Inflation Index:				
B	Avg. WPI Inflation Rate last 3 years (%)	2.96%	2.96%	2.96%
D	Avg. CPI Inflation Rate last 3 years (%)	5.30%	5.30%	5.30%

(Signature)

(Signature)
अधीक्षक अभियन्ता
सकल निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० दा० का० लि०

U.P. Power Transmission Corporation Limited**उ० प्र० पावर ट्रान्समिशन कार्पोरेशन लिमिटेड****(उ० प्र० सरकारका उपक्रम)**

कार्यालय :

निदेशक (वाणिज्य एवं नियोजन)

5 वांताल, शक्ति भवन,

14-अशोक मार्ग, लखनऊ-226001

रेक्स-8511 फोन नं०-0522 2288530



CIN No. : (M01010020090001587)

GSTIN : 09AAAC1623E129

Office of the

Director (Commercial & Planning)

5th floor, Shakti Bhawan,

14- Ashok Marg, Lucknow-226001

Phone- 0522 2218511

Email- Director_comm@upptcl.org

No. ६२ / Dir(Comm&Plg.)/UPPTCL/2019/Fee

Date: 01 August, 2019

To,

Director (Legal & Lic.),
U. P. Electricity Regulatory Commission,
Vidut Niyamak Bhawan,
Vibhuti Khand, Gomtinagar,
Lucknow-226010

**Sub: Submission of Annual Transmission License Fee (ALF) for FY 2019-20 by
U. P. Power Transmission Corporation Ltd.**

Sir,

This is for your kind information that in compliance to UPERC Fees & fine Regulations, the annual license fee payable by UPPTCL for FY 2019-20 has been remitted in UPERC A/C no. 2408010100015729 vide RTGS UTR no. SBINR 52019072900075190 on date 29.07.2019 as per details given below-

- | | |
|--|----------------|
| • Estimated Energy to be handled for FY 2019-20
(as per UPPTCL Tariff Petition) | - 118464 MUs |
| • Payable Annual License Fee for FY 2019-20
(@ Rs. 500/MU) | - Rs. 59232000 |

Regards,

Yours faithfully,

(Suman Guchh)

Director (Commercial & Planning)

CC:

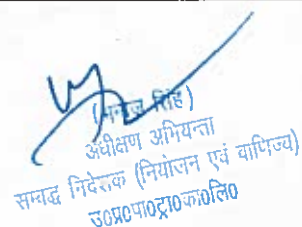
1. PS to Managing Director, UPPTCL
2. Director(Finance), UPPTCL

समय निदेशक (वाणिज्य एवं नियोजन)
उ० प्र० पावर ट्रान्समिशन कार्पोरेशन लिमिटेड

Annexure 6

Details of the Assets Energised in FY 2019-20 & Approval in Order in Petition No. 1169/2017 & 1170/2017					
S.No	Year	Name of Transmission Assets	Date of Commissioning	Length of line	Transformation Capacity
				(Ckt.Kms.)	(MVA)
1		400 KV Sector-148, Noida	03/04/19		2x500
			21/06/19		
			06/03/18		1x160+1x100
			03/04/18		
		400 KV Sector-148-Sector-129, Noida DC line(Monopole)	11/02/20	2x19.82	
		LILO of 220 KV Greater Noida-Sector-129, Noida at 400 KV Sector-148, Noida	09/04/19	2x0.3	
2		220 KV Sector-148(400)-RC Green line	19/05/19	4.5	
		220 KV Gola	23/04/19		2x160
			19/02/20		
			12/03/19		2x40
3			07/02/20		
		220 KV Gola-Gorkahpur PG-I line	24/04/19	41	
		220 KV Amethi	27/04/19		160
			03/11/18		2x40
4			03/01/20		
		220 KV Sultanpur-Amethi line	25/04/19	18	
		220 KV Dahi Chauki, Unnao	01/06/19		2x60
			14/10/19		
5		LILO of 220KV Unnao-Sarojininagar-I line at Dahi Chauki, Unnao	01/06/19	2x0.05	
		220 KV Botanical Garden, Sector-38A, Noida	07/06/19		I-60
		LILO of 220KV Sector-20, Noida-BTPS line at Botanical Garden, Sector-38A, Noida	07/06/19	2x1.39	
		220 KV Raja Ka Talab	19/07/19		I-160
6			05/07/18		1x40
		220 KV Sahupuri-Raja Ka Talab line	17/07/19	64.5	
		LILO of 132 KV Orai(400)-Raja Ka Talab line at 220KV Raja Ka Talab	24/08/19	6.237	
		132 KV Orai-Raja Ka Talab line	24/08/19	13.2	
7		220 KV Jagrati Vihar	09/08/19		2x160
		220 KV Mataur(PG)-Partapur(Jagrati Vihar) line	07/08/19	27.784	
		220 KV Partapur(Jagrati Vihar)-Hapur(795) DC line	14.20/09/19	2x26.307	
		132 KV Lohia Nagar-Partapur(220KVJagrati Vihar)(Multi ckt C) line	19/06/19	5.04	
8		LILO of 132 KV Medical College-Ganganagar line at Partapur(220KVJagrati Vihar)(Multi ckt A&B)	21/06/19	2x1	
		132 KV Partapur(JV)-Mundali line	18/03/20	7.216	
		220 KV Pratapvihar	30/10/19		I-60
			16/01/20		160




(निदेशक)
अधीक्षण अभियन्ता
समग्र निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख (उपनिवेश)

Details of the Assets Energised in FY 2019-20 & Approval in Order in Petition No. 1169/2017 & 1170/2017

S.No	Year	Name of Transmission Assets	Date of Commissining	Length of line	Transformation Capacity
				(Ckt.Kms.)	(MVA)
9	2019-20	132 KV Pratap Vihar-DPH line	23/02/20	2x1.358	
		220 KV Phoolbagh	15/11/19		I-60
		220 KV Unnao-Phoolbagh DC line	04/10/19	2x28.483	
10		132 KV Kabrai	10/04/19		I-20
11		LILO of 132 KV Banda-Mahoba line at Kabrai	10/04/19	2x1.63	
		132 KV Bansdih	18/04/19		I-40
		132 KV Bansdih-Sikanderpur line	16/04/19	44.25	
12		132 KV Narkhi	07/05/19 18/02/20		2x40
13		LILO of 132 KV Tundla-Shikohabad line at Narkhi	26/04/19	2x8.56	
		132 KV Hanuman Setu, Lko	19/06/19		I-63
		132 KV Hardoi Road-Hanuman Setu, Lko (U/G) line	18/06/19	5.52	
14		132 KV Mehtab Bagh-Hanuman Setu, Lko (U/G) line	18/06/19	5.6	I-63
		132 KV Akraabad	26/07/19		I-20
		LILO of 132 KV Boner-Sikandararao line at Akraabad, Aligarh	26/07/19	2x1	
15		132 KV Lambhua	24/10/19 31/01/20		2x40
16		LILO of 132 KV Sultanpur-Kadipur line at 132 KV Lambhua	06/09/19	2x14.1	
		132 KV Sonkh Road	22/11/19 03/01/20		2x40
		LILO of 132 KV Gokul-Mathura-II line at Sonkh Road	22/11/19	2x8.004	
17		132 KV Kalwari	23/11/19		I-20
18		132 KV Basti-Kalwari line	22/11/19	25.569	
		132 KV Baghra	17/12/19 30/12/19		2x40
		LILO of 132 KV Nara-Lalukheri line at Baghra	17/12/19	2x1.016	
19		132 KV Hasanganj	28/02/20		40
20		132 KV Sonik-Hasanganj line	30/01/20	37.56	
		132 KV Chakalwansi-Hasanganj line	31/01/20	36.66	
		132 KV Rudauli	29/02/20		40
21		LILO of 132 KV Sohawal-Ram Sanehi Ghat line at Rudauli	29/02/20	2x14.74	
		132 KV Fatehpur Sikri	07/03/20		I-40
		LILO of 132 KV Sikandra(220)-Kirawali line at Fatehpur Sikri	28/01/20	2x23.076	
22		LILO of 400 KV Azamgarh-Sultanpur	02/06/19	2x65.336	
23		220 KV Banda-Pahadi DC line	11/30/04/19	2x113	
24		220 KV Hapur(765)-Faridnagar line	13/04/19	11.29	
25		LILO of 220 KV Gokul-Hathras line at Manth(400)	11/05/19	2x60.198	
26		220 KV Bareilly-Pilibhit-II line	16/05/19	39.408	

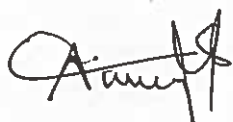
जम्हद निदेशक (निर्वाजन एवं बाधित्य)
 उ०प्र० मा० द्वा० का० ३०

Details of the Assets Energised in FY 2019-20 & Approval in Order in Petition No. 1169/2017 & 1170/2017

S.No	Year	Name of Transmission Assets	Date of Commissioning	Length of line	Transformation Capacity
				(Ckt.Kms.)	(MVA)
27		220 KV Sohawal(PG)-New Tanda DC line	28/05/19 08/06/19	2x116	
28		220 KV Bareilly(400)-CB Ganj-II line	15/06/19	23.945	
29		220 KV Bareilly(400)-Dohna-II line	28/06/19	9.94	
30		LILo of 220 KV Mainpuri-Sikandrarao line at Jawaharpur TPS	28/07/19	2x11.073	
31		220 KV Rasara-Deoria line	08/08/19	83.4	
32		LILo of 220 KV Muradnagar(400)-II-Baghpat(PG) line at Mandola Vihar & after LILo convert into 01 ckt 220KV Ator-Muradnagar(400)-II line	23/08/19 29/08/19	2x10.2	
33		LILo of 220 KV Dunara-Lalitpur-II line at Babina	23/08/19	2x7.27	
34		220 KV Charla-Mataur PG line	06/09/19	5.125	
35		LILo of 220 KV Bareilly(440)-Shahjahanpur line at 220KV Faridpur	29/02/20	2x4.041	
36		132 KV Nehtaur(400)-Nagina line	05/04/19	23.56	
37		132 KV New Tanda-Tanda-II line	09/04/19	12.54	
38		132 KV Salempur-Puranchaper line	17/04/19	18.39	
39		132 KV Sirathu-Khaga line	25/04/19	31.2	
40		132 KV Dunara-Adani Green Energy	09/05/19	64.5	
41		132 KV Gauriganj-Gauriganj TSS II	21/05/19	12	
42		132 KV Gopiganj-Gyanpur line	21/05/19	23.627	
43		LILo of 132 KV Jaunpur-Gajokhar	29/05/19	2x26	
44		LILo of 132 KV Rampur-CB Ganj I	01/06/19	2x33.108	
45		132 KV Obra Hydel-Obra TSS line	01/06/19	1.5	
46		132 KV Bachhrawan-RINL line	04/06/19	38.27	
47		132 KV Bilhaur-Rasoolabad DC line	19/06/19	2x47.16	
48		132 KV Madhuban Bapudham- Gop	24/06/19	3	
49		132 KV Dibai-Anoopsheher line	25/06/19	18.312	
50		132 KV Baghpat(220)-Harshiya-II II	30/06/19	13	
51		132 KV Khatauli-Pura line	02/07/19	16.8	
52		132 KV Jhusi-Sadabad line	13/07/19	18.72	
53		132 KV Amroha-Bachraun line	18/07/19	16.623	
54		132 KV Awala-Bishauli line	20/07/19	27.932	
55		132 KV Sarh-Ghatampur DC line	31/07/19	2x20.797	
56		132 KV Bachhrawan-Bachhrawan	02/08/19	14.9	
57		132 KV Amethi-Musafirkhana-II, III	13.17/08/19	2x45	
58		132 KV Amethi-Musafirkhana-I line	05/10/19	43.744	
59		132 KV Safai-Iitgaon DC TSS line	16/08/19	2x22.12	
60		132 KV Amethi-Jagdishpur-I line	17/08/19	45	
61		132 KV Orai(400)-Orai line	24/08/19	7.25	
62		LILo of 132 KV Hasari-Lalitpur-II line at Babina	26/08/19	2x8.19	

Details of the Assets Energised in FY 2019-20 & Approval in Order in Petition No. 1169/2017 & 1170/2017

S.No	Year	Name of Transmission Assets	Date of Commissioning	Length of line	Transformation Capacity
				(Ckt.Kms.)	(MVA)
63		LILO of 132 KV Hasari-Lalitpur-II line at Dhukwa(THDC)	27/08/19	2x2.39	
64		132 KV Bachhrawan-Sareni-II line	28/08/19	64.48	
65		132 KV Ibrahimipatti-Bansdih line	11/09/19	69.53	
66		132 KV Ibrahimipatti-Sikanderpur li	12/09/19	43.34	
67		132 KV Khair-Iglas line	27/09/19	30.269	
68		132 KV Jolly Road-Jaroda TSS line	30/10/19	9.876	
69		132 KV Bansi-Itwa line	31/10/19	47.8	
70		132 KV Atrauli-Dharmapur line	01/11/19	13.77	
71		132 KV Kasara-Semri Jamalpur lin	17/11/19	7.13	
72		LILO of 132 KV Phoolpur-Soraon line at Kaurihar	02/12/19	2x22	
73		LILO of 132 KV Dohna(220)-Pilbhit line at 132KV Nawabganj	09/12/19	2x1.7	
74		LILO of 132 KV Sitapur-Neri line at 132KV Mishrikh	16/12/19	2x26.245	
75		132 KV FCI-I-FCI-II line	19/11/19	0.15	
76		132 KV Rahimbad-Jehta DC line	24/11/19	2x32.5	
77		132 KV Bansi-Mehdawal line	30/12/19	31.18	
78		132 KV Indiranagar-Kursi Road-II	30/12/19	4.85	
79		LILO of 132 KV Kasganj-Ganjdundwara line at 220KV Kasganj	16/01/20	2x14.18	
80		132 KV Sikandra(Kanpur)-Umri Ra	18/01/20	34	
81		132 KV Dohna-Bhojipur Railway T	21/01/20	2.7	
82		132 KV Simbholi-Garmukteshwar I	01/02/20	14.7	
83		132 KV Etmadpur-Barhan line	03/02/20	16	
84		132 KV Agra South-Achnera TSS I	06/02/20	14.324	
85		132 KV Sareni-Dalmau line	14/02/20	23.088	
86		132 KV Jaswantnagar-Safai TSS li	15/02/20	11.703	
87		LILO of 132 KV Bareilly Town-Faridpur line at 220KV Faridpur	24/02/20	2x1.358	
88		132 KV Sangipur(220)-Kunda DC I	03/03/20	2x30.87	
89		132 KV Garwara-Patti line	03/03/20	46.5	
90		LILO of 132 KV Behraich-Gonda line at 220KV Behraich	05/03/20	2x19.265	
91		132 KV Pilbhit-Bisalpur line	08/03/20	46.503	
92		132 KV Faridpur(220)-Bisalpur line	08/03/20	31.778	
93		Re-routing of 132KV Muradnagar-DPH line at 400KV Muradnagar-II	18/03/20	7.216	
94		Re-routing of 132KV Muradnagar-Morta line at 400KV Muradnagar-II	21/03/20	0.2	
95		LILO of 132KV Bilhaur-Rasoolabad-II line at NTPC Solar, Bilhaur	23/03/20	2x6.97	

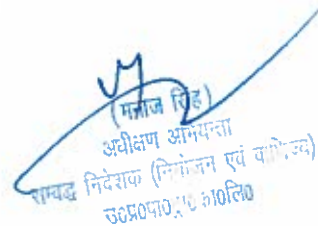



 (मनोज सिंह)
 अवीक्षण अभियन्ता
 राज्य निर्देशक (नियोजन एवं वाणिज्य)
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Annexure 7

Detailed Project Reports for the Assets at:

- 132 kV Level
- 220 kV Level
- 400 kV level

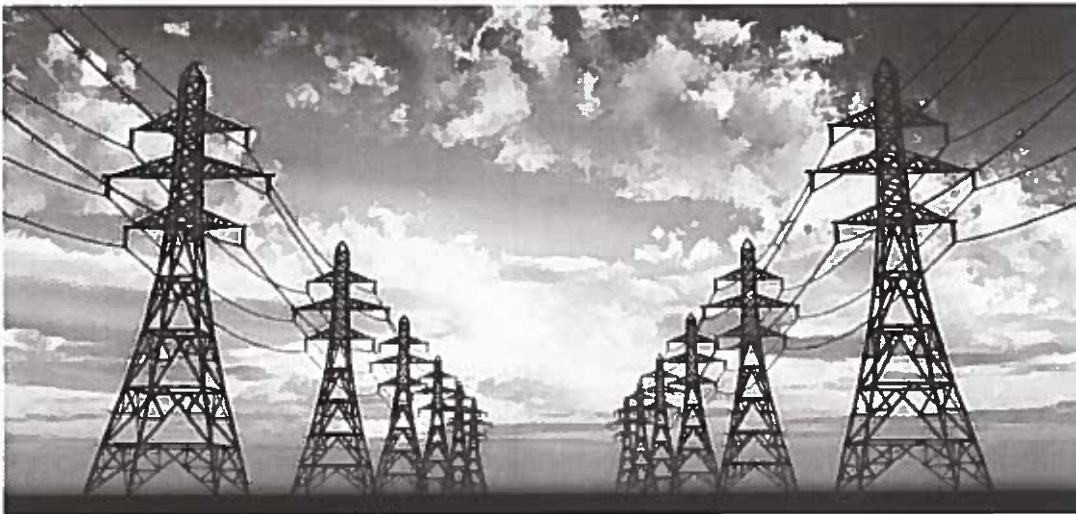


(मन्नाज सिंह)
अधीक्षण अभियन्ता
सामग्र्य निदेशक (निर्माण एवं वाणिज्य)
उपप्रमुख, १० मील

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 132/33 KV HANUMAN SETU GIS **SUBSTATION** **DISTRICT-LUCKNOW**

COD -19.06.2019



PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION
CORPORATION LIMITED**

(महेश सिंह)
अधीक्षक अभियन्ता
समग्र निदेशक (नियोजन एवं वाणिज्य)

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	4
4. Project Approval status	5
4. Project Financial details	5
5. Project Benefit	6

Existing transmission substation load pattern Annexure-1

Details of load transfer to 132kV Substation Annexure-2

Geographical Map Annexure-3

Load Flow Study

- (i) Load flow study without 132kV Hanuman setu
- (ii) Load flow study with 132kV Hanumansetu

Annexure-4

Minutes of TWC meeting

Annexure-5

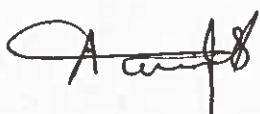


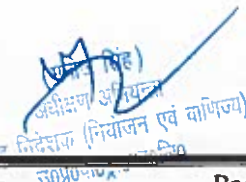
(मनोज सिह)
अधीक्षण अभियन्ता
सम्यक् निदेशन (नियोजन एवं वाणिज्य)
उ०प्र०-वा०-००००००००००

Project Summary

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 132 kV Hanuman GIS substation Setu, Lucknow & associated lines
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization.	i,iv,&v
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified:	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/Turn-key/EPC/PPP	EPC through open e-tender
vii.	Date of commercial operation	19.06.2019




निदेशक (निर्माण एवं वाणिज्य)
उपप्राधिकारी

2. Need and Justification:-

i.	Aims and Objectives of the Proposed Project:-	Before construction of 132kV Hanumansetu, Hanumansetu area was feeded by 132kv Neebu park s/s. The installed capacity of the 132kV substation Neebu Park was 120 MVA (3x40), whereas connected 33 kV load was 180 MVA. Further, one new 33 kV substation, CSMMU (KGMC), capacity 10 MVA, was proposed to be connected to this substation, thus increasing the total connected load to 190 MVA. In addition, many apartments and developmental works within the area of Neebu Park Substation were in progress which further will increase the load demand of the area. Hence, to relieve the 132kV substation Neebu Park from overloading and for proper load management of the area, construction of new 132/33 kV (2x40 MVA) GIS substation Hanuman Setu was proposed. Presently, 132kV GIS Hanumansetu S/s is feeding the supply of following Discom's 33/11 kV substations- Lokbhawan, G.T.I, Hanuman setu, Residency, Aminabad, Medical college, Chouptiya. University area.
ii.	Geographical Map indicating Proposed & Existing S/s in nearby area Load	Annexure-3
iii.	Load flow Study carried out with existing network and with Proposed network	Annexure-4

3. Project Physical Details :-

i.	District of the project	District Lucknow
ii.	Location of the Project (with latitude and longitude of the location)	The substation would be located in Hanuman Setu District Lucknow. Latitude : 26.85694444 Longitude :80.94111111
iii.	Total Land requirements:	132kV Hanuman setu S/s is constructed on 0.1775 hectare land provided by LDA.

(Signature)

(Signature)

4. Project Approval Status –

Technical & Financial Approval	TWC	37th meeting of 12 th plan dated 21.06.2016(Annexure-)
	BOD	49 th meeting dated 25.07.2016
	Appraisal & Evaluation Committee	19.09.2016
	ETF	-N/A-

5. Project Financial Details :

i. Project cost:-

Sl.No.	NAME OF ELEMENT	MVA / Km	COST (Cr.)
1	132 KV GIS Substation Hanuman Setu, Lucknow(Double Main Transfer)	2X63	192.62
2	132kV Hardoi road-Hanuman Setu cable	13.4	
3	132kV Neebu park(Mehtab Bagh)-Hanuman setu cable	05	
3	Jehta(400)-Hanuman setu 132kv sc line(10km. underground cableing work)	11	
TOTAL			192.62

(ii)Source of Financing (in %):

Sl.No.	Source of Financing	Percentage
1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Rate of interst of PFC/REC	10.52%

6. Project Benefit:-

- Loading of 132kV Neebu park s/s is reduced.
- Quality of power supply is improved in Haanuman setu region.

अधीक्षक (निर्माण एवं वाणिज्य)
समग्र निदेशक (निर्माण एवं वाणिज्य)
उपप्रमुख, 132KV

Annexure-1

Existing nearby transmission sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station
132kV	Neebupark (Mehtabagh)	3x63	101MVA	220kV Hardoi road
132kV	TRT	3x63	114MVA	400kV Saojaninagar & 220kV Hardoi road
132kV	Martinpurwa	3x63	71MVA	220kV Chinhat
132kV	SGPGI	3x63	96MVA	400kV Saojaninagar
132kV	Gomtinagar	3x40	80MVA	220kV Chinhat
132kV	NKN	1x63+2x40	87MVA	220kV Chinhat & 220kV Hardoi road
132kV	Khurramnagar	1x63+2x40	97MVA	220kV Chinhat via NKN

Detail of 132kV Hanumansetu S/s and its connecting line

Name of new 132kV S/s	Capacity of 132kV s/s	Name of source Substation	Name of connecting 132kV line to source substation	Loading on connecting 132kV lines (in AMP)
132kV S/s Hanuman Setu	2X63MVA	220kV S/s Hardoi Road	132kV Hardoi Road line	200 Amp
			132kV Mehtabagh	198 Amp.

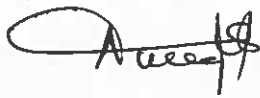
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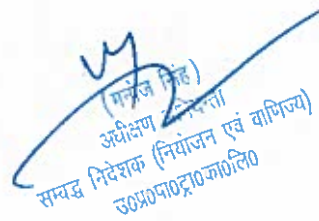
(मनीष सिंह)
अधीनस्थ अभियन्ता
विद्युत विभाग एवं वाणिज्य
उपप्रमुख, लखनऊ

Annexure-2

Details of Load transferred to 132kV Hanuman Setu, Lucknow s/s

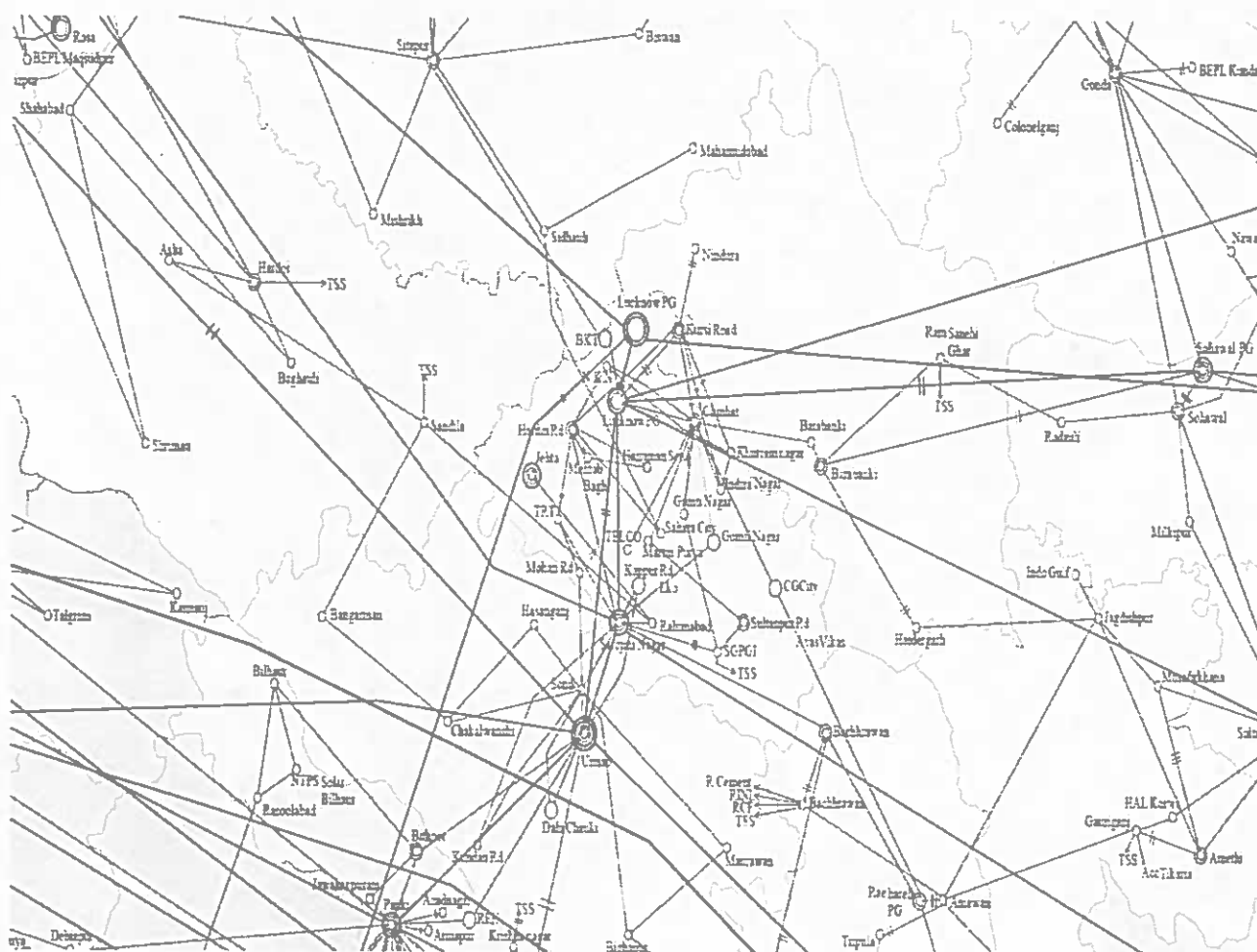
Primary New 132kV S/s	Peak load of 132kV	Name of 33/11kV S/s	Capacity of 33/11kV S/s	Length of 33kV feeder (Km.) from old 132kV S/s	Length of 33kV feeder (Km.) from New 132kV S/s
132kV S/s Hanuman Setu	200Amp.	Lok BHawan	4x2.5MVA	6.0Km. from Martinpurwa	3.0Km.
		G.T.I.	2x10MVA	7.0Km. from TRT	4.0Km.
		Hanuman Setu	2x10+5MVA	3.0Km. from Mehtabbagh	200 Meter
		Residency	2x10MVA	3.9Km. from Mehtabbagh	1.0Km.
		Aminabad	2x10MVA	8.0Km. from TRT	2.2Km.
		Medical College	2x10MVA	2.5Km. from Mehtabbagh	3.5Km.
		Choupatiya	2x10+5MVA	1.0Km. from Mehtabbagh	8.0Km.
		University	2x10MVA	3.0Km. from Mehtabbagh	70 Meter




(महोदय सिंह)
अधीक्षक (निर्माण एवं वाणिज्य)
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख (निर्माण एवं वाणिज्य)

Annexure-3

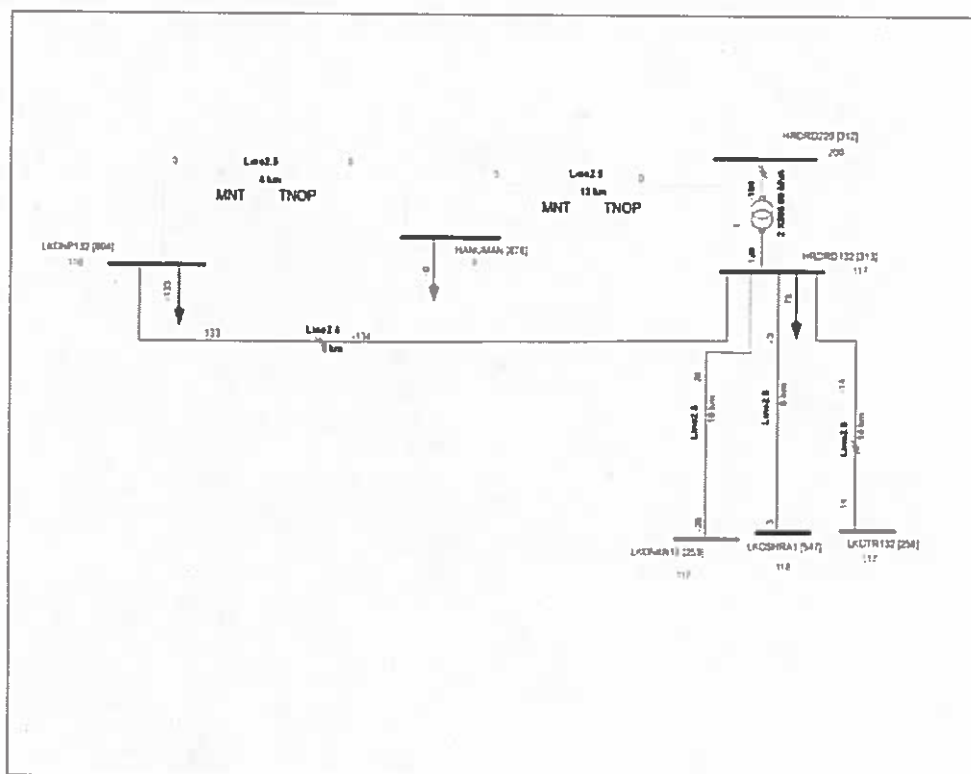
Geographical Map of existing primary Transmission Network in District Lucknow and its nearby area.



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 (मजिस्ट्रेट)
 अधीक्षण अभियन्ता
 जनसह निर्देशक (निर्माण एवं वाणिज्य)
 उद्योग विभाग, लखनऊ

Load Flow Study without 132kV Hanumansetu Substation
(System Load-22500 MW FY 2019-20)



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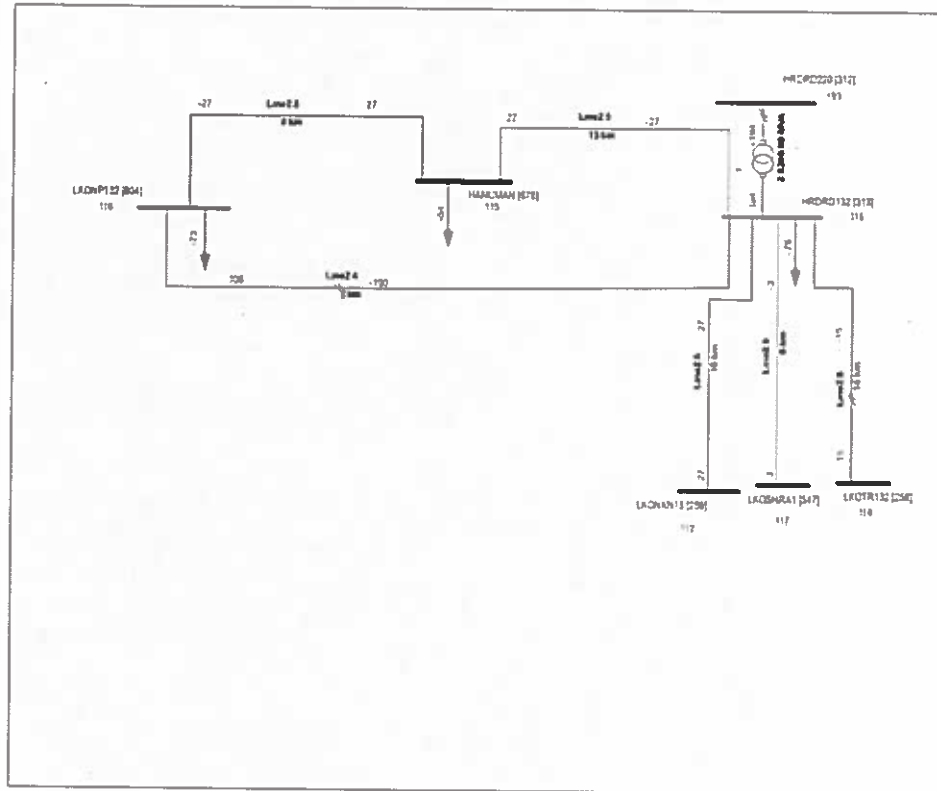
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 राज्य निर्देशक (निर्माण एवं वाणिज्य)
 06/07/2019 कोल्लो

Load Flow Study with 132kV Hanumansetu Substation

Construction of 132 KV substation Hanuman Setu, Lucknow and associated lines

Page 9

(System Load-22500 MW FY 2019-20)



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अधीक्षक अभियन्ता
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०द्रा०का०लि०

Minutes of TWC Meeting**(III) सुल्तानपुर उपकेन्द्र पर परिवर्तक स्थापित करने एवं 'बे' निर्माण का कार्य :-**

400 के०वी० सुल्तानपुर उपकेन्द्र पर 400/220 के०वी० तृतीय परिवर्तक स्थापित करने हेतु समिति द्वारा निम्नानुसार अनुमोदित किया गया :-

- 400 के०वी० सुल्तानपुर उपकेन्द्र पर 400 के०वी० परिवर्तक 'बे' का निर्माण कार्य - 1 अदद
- 400 के०वी० सुल्तानपुर उपकेन्द्र पर 220 के०वी० परिवर्तक 'बे' का निर्माण - 1 अदद

अनुमानित लागत : ₹ 5.98 करोड़

(ख) लाइन एवं उपकेन्द्रों की क्षमता वृद्धि संबंधी निम्न प्रस्तावों पर समिति द्वारा अनुमोदन किया गया :-

लाइन व उपकेन्द्रों पर वर्तमान एवं निकट भविष्य में विद्युत भार वृद्धि तथा Contingency में उपकेन्द्र पर क्षमता की उपलब्धता सुनिश्चित करने की दृष्टि से निम्न क्षमता वृद्धि अनुमोदित की गयी :-

(I) 220/132/33 के०वी० सिम्मौली (हापुड) उपकेन्द्र :-

132/33 के०वी० सिम्मौली उपकेन्द्र - 1x63+1x40 एम०वी०ए० से 2x63+1x40 एम०वी०ए०

अनुमानित लागत : ₹ 2.88 करोड़

(12वें प्लान की 11वीं बैठक 31.03.14 का सनतावृद्धि 1x63+1x40 एम०वी०ए० से 2x63 एम०वी०ए० व TWC की 36वीं बैठक में 1x63+2x40 एम०वी०ए० अनुमोदित की गई थी। N-1 conditions में भार अंकलन कर पुनरीक्षित क्षमता उपरोक्तानुसार अनुमोदित की गई।)

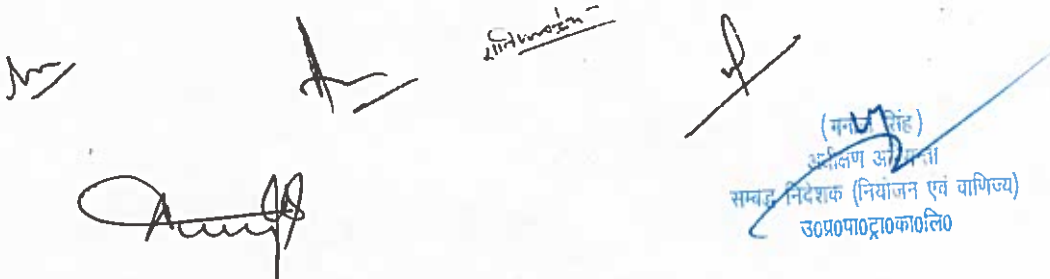
(II) 132/33 के०वी० गढवारा (प्रतापगढ़) उपकेन्द्र :-

132/33 के०वी० गढवारा उपकेन्द्र - 1x20 एम०वी०ए० से 20+40 एम०वी०ए०

अनुमानित लागत : ₹ 2.18 करोड़

(ग) पूर्व अनुमोदित कार्यों में संशोधन :-

- (I) 132/33 के०वी० नीबू पार्क एवं 132/33 के०वी० हनुमान सेतु (लखनऊ) के 132 के०वी० पर पोषकों सम्बन्धी पुनरीक्षित प्रस्ताव पर अनुमोदन :-

 (मनजरी सिंह)
अधीक्षक अभियंता
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द्वा० का० लि०

विद्यमान 132/33 के०वी० नीबू पार्क उपकेन्द्र को नवीन निकट स्थल मेहताब बाग शिफ्ट किया जाना अनुमोदित है। नीबू पार्क एवं हनुमान सेतु उपकेन्द्रों की 132 के०वी० connectivity निम्नानुसार पूर्व अनुमोदित है :-

- 132/33 के०वी० 3x63 एम०वी०वी० GIS मेहताब बाग उपकेन्द्र का निर्माण
- हरदोई रोड़ - मेहताब बाग 2xSC 132 के०वी० लाइन - 2x7.58किमी० (भूमिगत केबिल)
- जेहटा (400) - नीबू पार्क (मेहताब बाग) एस सी लाइन - 10 किमी० (O/H +4.5 केबिल)
- हनुमान सेतु 132/33 के०वी० 2x63 MVA GIS उपकेन्द्र निर्माण
- हरदोई रोड़ - हनुमान सेतु - 13 किमी० (U/G केबिल)
- नीबू पार्क - हनुमान सेतु एस सी लाइन - 2.0 किमी० (U/G केबिल)

132 के०वी० मेहताब बाग उपकेन्द्र शीघ्र निर्मित हो जाने परन्तु हनुमान सेतु उपकेन्द्र के निर्माण में काफी विलम्ब की सम्भावना है। मेहताब बाग उपकेन्द्र सम्बन्धी केबिल शिफ्टिंग कार्यों में विलम्ब है। अतः मेहताब बाग उपकेन्द्र को भार पर चार्ज करने हेतु निम्नानुसार अन्तरिम व्यवस्था अनुमोदित की गई :-

- मेहताब बाग 132 के०वी० उपकेन्द्र को पूर्व अनुमोदित हरदोई रोड़ -हनुमान सेतु 132 के०वी० बिछी हुई केबिल के माध्यम से चार्ज कर लिया जायें। हरदोई रोड़ से मेहताब बाग सम्बन्धी केबिल 132 के०वी० शिफ्टिंग पूर्ण होने के उपरान्त हरदोई रोड़ -हनुमान सेतु 132 के०वी० केबिल सर्किट पुनः स्थापित कर दी जायें।
- जेहटा (400) - मेहताब बाग 132 के०वी० एस सी लाइन - (10 किमी० O/H +4.5 केबिल) निरस्त कर दिया जाये।
- 132/33 के०वी० हनुमान सेतु उपकेन्द्र हेतु निम्नानुसार पोषण अनुमोदित किया गया :-
- जेहटा (400) - हनुमान सेतु 132 के०वी० एस सी लाइन - 11 किमी० (10 किमी० भूमिगत केबिल)
(1000 वर्ग एम०एम० केबिल द्वारा)
- मेहताब बाग - हनुमान सेतु 132 के०वी० लाइन - अनुमोदन यथावत
- हरदोई रोड़ - हनुमान सेतु 132 के०वी० लाइन - अनुमोदन यथावत

अधिक केबिल साइज व लम्बाई के कारण अतिरिक्त व्यय : ₹ 28.42 करोड़

Con:
12

age

Detail of New 132kV S/s and its connecting line

Name of new 132kV S/s	Capacity of 132kV s/s	Name of source Substation	Name of connecting 132kV line to source substation	Loading on connecting 132kV lines (in AMP)
132kV S/s Hanuman Setu	2X63MVA	220kV S/s Hardoi Road	132kV Hardoi Road line	200 Amp
			132kV Mehtabagh	198 Amp.

Details of 33kV substations presently feeding from New 132kV Substation

Primary New 132kV Sub-station	Capacity of 132kV S/s	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s*	Length of 33 kV feeder (Km.) from New 132kV S/s
132kV S/s Hanuman Setu	1x40MVA.	Bansdih Tehsil	5MVA		10.5 (currently both s/s are running on one 33kV line. Construction of seprate 33kV line for Bansdih rural is in progress.
		Bansdih Rural	15MVA		

Details of 33kV substations to be connected in future from New 132kV Substation

Primary New 132kV Sub-station	Name of 33/11 KV Substation*	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from New 132kV S/s
132kV Substation Bansdih	Reoti	15MVA	37km	14.5 Km.
	Sahatwar	5MVA		9.5 Km.
	Bansdih Rural	15MVA	19km	12.5 Km.

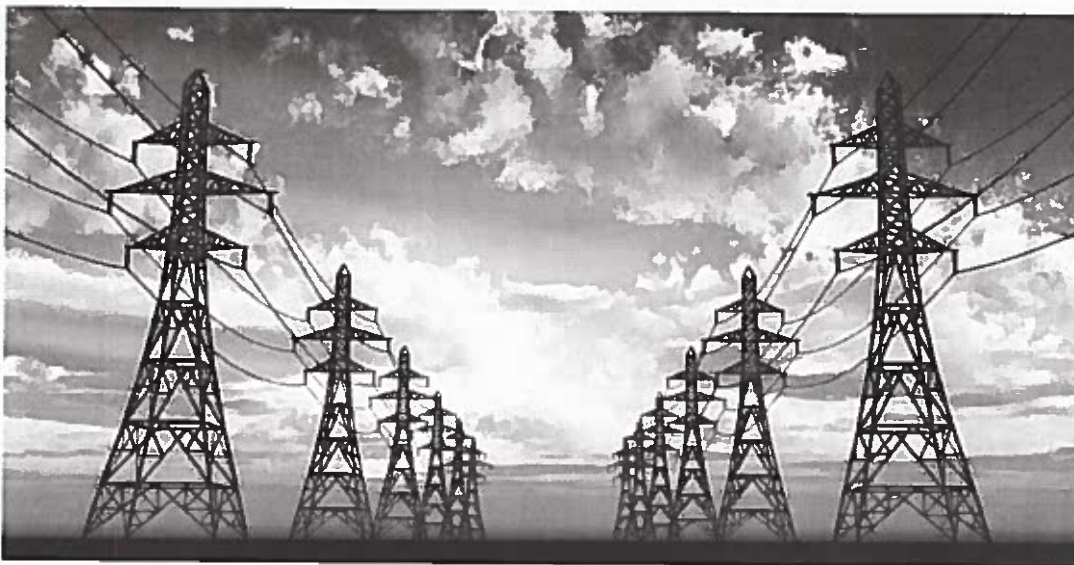



 संयुक्त निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र०प०ट्रा०क०लि०

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 132/33 KV LAMBHUA **SUBSTATION** **DISTRICT-SULTANPUR**

COD - 31.01.2020



PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION
CORPORATION LIMITED**

Construction of 132 KV substation Lambhua , Sultanpur and associated lines Page 1

(मन्त्रालय निदेश)
सम्वत् १९८० (निर्वाहक निदेश)
३०२०५०८०८०८०

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
4. Project Physical Details	5
5. Project Financial details	5
7 Project Benefit	6
Existing substation load pattern	Annexure-1
Details of 33kV Substation	Annexure-2
Geographical Map	Annexure-3
Load Flow Study	
(i) Load flow study without 132kV Lambhua	Annexure-4
(ii) Load flow study with 132kV Lambhua	
Minutes of TWC meeting	Annexure-5



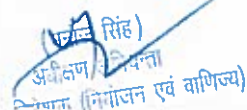
(कमल सिंह)
अभिमान, अभिरक्षा
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० दू० का० लि०

**Format for Project Summary to be submitted along with
DPR**

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 2X40MVA 132 KV substation Lambhua, Sultanpur and associated lines
ii.	Category of the project as prescribed by UPERC: - In order to meet the requirement of load growth. - Refurbishment and replacement of equipment. - Reduction in transmission losses. - Improvement of voltage profile. - Improvement in quality of supply. - System reliability. - Metering. - Communication and computerization.	i,iv & vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified:	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/Item-Rate/Turn-key/EPC/PPP:	EPC through open e-tender
vii.	Date Of Commercial Operation	31.01.2020




अधीक्षक/सिंह
निर्माण (निर्माण एवं वाणिज्य)

Construction of 132 KV substation Lambhua , Sultanpur and associated lines

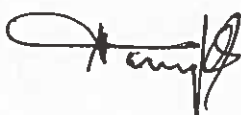
Page 3

2. Need and Justification:-

i.	Aims and Objectives of the Proposed Project:-	District Sultanpur consists of 400kV Sultanpur, 220kV Payagipur (Sultanpur) and 132kV Gosaisinghpur, Kadipur and Lambhua S/s to feed power supply of Sultanpur district and nearby region. Before construction of 132kV Lambhua, power supply of district headquarter and Lambhua region was feeded through 220/132/33 kV Payagipur. To reduce the overloading of substation & improvement in voltage profile (by reducing the 33 kV feeder length) and to cater the upcoming load of Lambhua Tehsil, it was necessary to construct 132kV Lambhua Substation. Presently 132kV Lambhua s/s is feeding the following 33 kV s/s of Discom - Lambhua (Tehsil), Lambhua (Rural) Kindipur, Chanda and other proposed 33kV s/s by Discome as Garapur, shivgarh, Ramganj are planned to be connected in future.
ii.	Geographical Map indicating Proposed & Existing S/s in nearby area Load	Annexure-3
iii.	Load flow Study carried out with existing network and with Proposed network	Annexure-4

3. Project Physical Details :-

i.	District of the project	District Sultanpur
ii.	Location of the Project (with latitude and longitude of the location)	The substation is located in District Sultanpur. Latitude : 26.069890 Longitude : 82.173288
iii.	Total Land requirements:	132kV Lambhua S/s is constructed on 2.024 hectare Gramsamaj Land at Lambhua.



(निर्देशक/निर्देशिका)
अधीक्षक अभियन्ता
निदेशक (निर्माण एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

4. **Project Approval Status –**

Technical & Financial Approval	TWC	8 th meeting of 13 th plan dated 05.02.2018(Annexure-5)
	BOD	meeting 58(07) on dated 16.02.2018
	Appraisal & Evaluation Committee	19.02.2018
	ETF	-N/A-

5. **Project Financial Details :**

Sl.No.	NAME OF ELEMENT	MVA / Km	COST (Cr.)
1	132 KV Substation Lambhua, Sultanpur	2X40	18.36
2	LILo of 132 KV Sultanpur (220 KV) – Kadipur Line at Lambhua	25km	10.84
TOTAL			29.20

i. **Source of Financing (in %):**

Sl.No.	Source of Financing	Percentage
1	State Government(Equity)	30%
2	Loan(Through PFC/REC)	70%
3	Rate of interst of PFC/REC	10.52%
4	IRR	26.42% (Annexure-6)

6. **Project Benefit-**

- The loading of 220/132/33kV Pyagipur s/s is reduced.
- Quality of power supply of Lambhua tehsil is improved.

(समीक्षा निदेशक)
अधीक्षण अनियन्ता
समन्वित निदेशक (निर्माण एवं वाणिज्य)
उ०प्र०पा०ट्रा०क०लि०

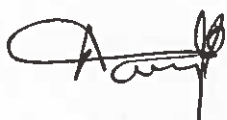
Annexure-1

Existing transmission sub-stations load pattern in district Sultanpur

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station
400kV	Sultanpur	1x240+2x315	661MVA	Tanda(TPS),Obra(TPS)& 765kVLucknow(PG)
220kV	Pyagipur(Sultanpur)	1x200+2x160	469MVA	Sultanpur(400)
		2x63+1x40	51MVA (after construction of 132 kV Lambhua s/s)	
132kV	Gosaisinghpur	2x40	35MVA	New Tanda(220)
132kV	Kadipur	2x40	48MVA	Pyagipur (220) via 132kV Lambhua

Detail of 132kV Lambhua S/s and its connecting line

Name of new 132kV S/s	Capacity of 132kV s/s	Peak load of new132kV S/s	Name of source Substation	Name of connecting 132kV line to source substation	Loading on connecting 132kV lines (in AMP)
132kV Lambhua	2X40	21MVA	220kV Sultanpur & 132kV Kadipur	132kV Sultanpur-Lambhua line	344Amp
				132kV Kadipur-Lambhua line	254Amp



(भन्ने सिंह)
अधीक्षक अभियन्ता
सम्वद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Annexure-2

Details of Load to be transferred to proposed 132kV Lambhua Sultanpur S/s

U.P. POWER TRANSMISSION CORPORATION LIMITED

Transmission Zone: Lucknow Distribution Zone: Faizabad

15th Plan

PROPOSAL FOR CONSTRUCTION OF PRIMARY SUB-STATION (132 KV & ABOVE)

1. Increasing /Decreasing capacity of existing S/S. Nil

2. Addition of new Sub-station Construction of New 132/33 KV S/S at Lambhua (Dist -Sultanpur)

3. Deletion of already approved S/S. Nil

VR- Voltage Ratio, FC-Feasibility Capacity, TP- Total Provision already approved, AP-Additional Proposal over & above TP

Sl. No.	PRIMARY SUBSTATION					Sl. No.	SECONDARY SUBSTATION					Justification	
	Name of S/S	VR	FC	TP	AP		Name of S/S	VR	FC	TP	AP		
1	132KV S/S Kuber Shah Pati Lambhua (Proposed)	132/33 KV	-	-	2x40 MVA	1	Existing sub stations	33/11	1x5	5	-	These all 33KV sub-stations are proposed to be connected in future to 132/33 KV new sub station at Lambhua	
						2	Kindipur	33/11	1x5	5	-		
						3	Chanda	33/11	2x5	10	-		
						4	Lambhua	33/11	2x5	10	-		
						5	Proposed new sub stations	33/11	2x5	10	-		
						6	Kindipur	33/11	-	-	5		
						7	Bhutanaya	33/11	-	-	15		
						8	Sarni	33/11	-	-	5		
						9	Total	33/11	-	-	30	25	

SR
FC
Sultanpur

TP
AP
Sultanpur

VR
FC
Sultanpur

Details of 33kV substations presently feeding from 132kV Lambhua Substation

Primary New 132kV Sub-station	Capacity of 132kV S/s	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from New 132kV S/s
132kV Lambhua	2x40MVA.	Chanda	10MVA	45	10
		Lambhua Tehsil	10MVA	32	12
		Kindipur	10MVA	35	4
		Lambhua Rural	10MVA	34	11

Details of 33kV substations to be connected in future from 132kV Lambhua Substation

Primary New 132kV Sub-station	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from New 132kV S/s
132kV Substation Lambhua	Garapur	10MVA	55km	15 Km.
	Shivgarh	10MVA	30km	17 Km.
	Ramganj	1x8+1x5MVA	17km	17 Km.

(Signature)

(Signature)
अधीनस्थ अधिकारी
समस्त निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० का० लि०

Annexure-3

Geographical Map of existing primary Transmission Network in District Sultanpur and its nearby area.



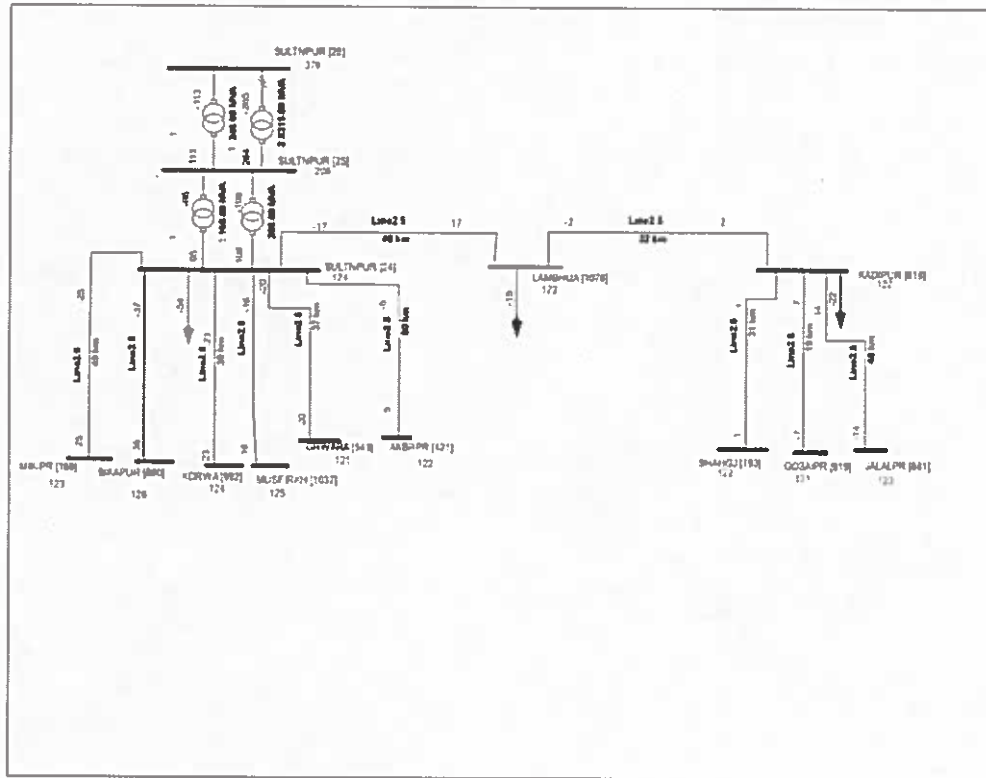
Construction of 132 KV substation Lambhua , Sultanpur and associated lines

Page 8

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(मनीष सिंह)
अधीक्षण अभियन्ता
समग्र निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Load flow study with 132 kV Lambhua S/s
(System Load-22500 MW FY 2019-20)



(Signature)

(Signature)
 (मोहज सिंह)
 अध्यक्ष अभियन्ता
 सम्यक् निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र०मा०ट्रा०का०लि०

Minutes of TWC Meeting

Annexure-5

कारपोरेशन द्वारा गठित "पारेषण कार्य अनुमोदन समिति" की दिनांक 05.02.2018 को सम्पन्न 13वीं योजनाकाल की आठवीं बैठक का कार्यवृत्त।

बैठक में निम्न अधिकारी उपस्थित थे :-

1. श्री अमित गुप्ता प्रबन्ध निदेशक, उ०प्र०पा०ट्रां०का०लि० एवं अध्यक्ष समिति।
2. श्री सरोज कुमार मिश्रा, निदेशक (वित्त) एवं सदस्य समिति।
3. श्री चन्द्र मोहन, निदेशक (ऑपरेशन) एवं सदस्य समिति।
4. श्री रवि प्रकाश दुबे, निदेशक (कार्य एवं परियोजना) एवं सदस्य समिति।
5. श्री सुमन गुच्छ, निदेशक (वाणिज्य एवं नियोजन) एवं सदस्य समिति।
6. श्री नीरज स्वरूप, अधीक्षण अभियन्ता (टी०वी० एवं पीएसएस) एवं संयोजक सदस्य समिति।

निदेशक (ऑपरेशन) एवं वितरण क्षेत्रों से प्राप्त पारेषण कार्यों के प्रस्तावों पर समिति ने सम्यक विचारोपरांत निम्न निर्णय लिये :-

(क) नये कार्य :-

1- 132/33 के०वी० 2X40 एम०वी०ए० लम्बुआ(सुल्तानपुर) उपकेन्द्र का निर्माण कार्य (डबल मेन, ट्रांसफर)

क्षेत्र से प्राप्त प्रस्ताव अनुसार वर्तमान में जनपद सुल्तानपुर एवं समीपवर्ती क्षेत्र को 220 के०वी० उपकेन्द्र पयानीपुर सुल्तानपुर से निर्गत 33 के०वी० पोषकों से संयोजित विभिन्न 33/11 के०वी० द्वितीयक उपकेन्द्रों द्वारा विद्युत आपूर्ति की जा रही है। लम्बुआ के आसपास निकट में 132 के०वी० उपकेन्द्र नहीं है। लम्बे 33 के०वी० फीडरों से लो वोल्टेज की समस्या बनी रहती है एवं बार-बार व्यवधान भी होता रहता है। ग्राम समा की भूमि अधिगृहीत कर ली गयी है। अतः समिति ने उपकेन्द्र निर्माण कार्य को निम्नानुसार अनुमोदित किया:-

- 132/33 के०वी० 2X40 एम०वी०ए० लम्बुआ(सुल्तानपुर) उपकेन्द्र का निर्माण कार्य (डबल मेन, ट्रांसफर)
- सुल्तानपुर(220)-कादीपुर 132 के०वी० लाइन का लम्बुआ उपकेन्द्र पर लीलो-25 किमी०





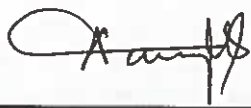






अनुमानित व्यय रु० 30.19 करोड़

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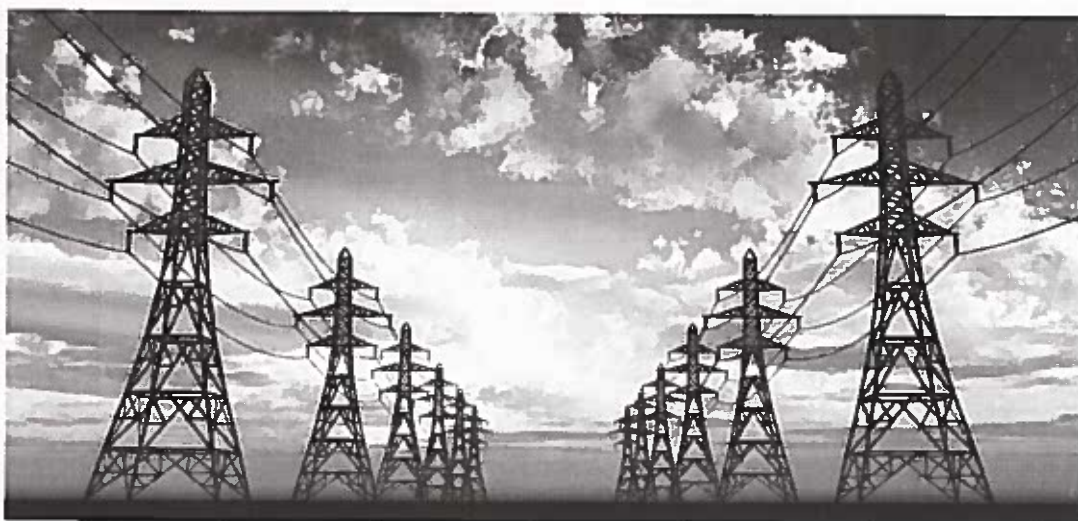



अधीक्षक अभियन्ता
सम्यक् निदेशक (निर्माण एवं वाणिज्य)
उ०प्र०पा०ट्रां०का०लि०

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 132/33 KV NARKHI SUBSTATION **DISTRICT-FIROZABAD**

C.O.D - 07.05.2019



PREPARED BY:

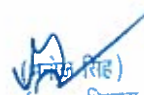
**UTTAR PRADESH POWER
TRANSMISSION
CORPORATION LIMITED**

(निर्देशक सि.)
सम्यक् निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० ट्रा० को० लि०

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	4
4. Project approval status	5
5. Project Financial details	5
6. Project Benefit	6
Existing nearby transmission substation load pattern	Annexure-1
Details of load transfer to 132kV Narkhi Substation	Annexure-2
Geographical Map	Annexure-3
Load Flow Study	
(i) Load flow study without 132kV Narkhi s/s	Annexure-4
(ii) Load flow study with 132kV Narkhi s/s	
Minutes of TWC meeting	Annexure-5

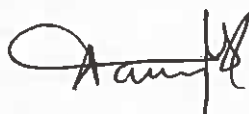



अधीक्षक अभियन्ता
समग्र निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

**Format for Project Summary to be submitted along with
DPR**

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 132 kV substation Narkhi, Firozabad & associated lines
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization.	i,iv,&v
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified:	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/Item-Rate/Turn-key/EPC/PPP:	EPC through open e-tender
vii.	Date of commercial operation	07.05.2019




(मन्नाज सिंह)
अधीक्षण अभियन्ता

Construction of 132 KV substation Narkhi, Firozabad and associated lines

सम्यक् निदेशक (निर्माण एवं वाणिज्य)
Page 3
उ०प्र०प०ट०को०लि०

2. Need and Justification:-

i.	Aims and Objectives of the Proposed Project:-	District Firozabad consist of 220kV Firozabad, Sirsaganj and 132kV Jasrana, Naseerpur, Shikohabad, Tundla and Narkhi S/s. Before construction of 132kV Narkhi S/s, Narkhi area was fed through 220/132/33kV Firozabad. 132kV Firozabad was overloaded and there was space constraint for new 33kV Bay. To reduce the overloading of 132/33kV Firozabad and for reliable power supply in Narkhi region, 132kV Narkhi was Proposed. Currently 132kV Narkhi s/s is feeding supply to following 33kV S/s of DVVNL - Narkhi, Ramkuwar, Pachokhara, ,Rijawali, Kotla, Hathwant S/s.
ii.	Geographical Map indicating Proposed & Existing S/s in nearby area Load	Annexure-3
iii.	Load flow Study carried out with existing network and with Proposed network	Annexure-4

3. Project Physical Details :-

i.	District of the project	District Firozabad
ii.	Location of the Project (with latitude and longitude of the location)	The substation is located in Narkhi, District Firozabad. Latitude : 27.221222 Longitude : 78.311680
iii.	Total Land requirements:	132kV Narkhi is constructed on 2 hectare Gramsamaj land in Narkhi.

Construction of 132 KV substation Narkhi, Firozabad and associated lines Page 4

अधीक्षक अभियंता
सामूहिक निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०दा०का०लि०

4. Project Approval Status –

Technical & Financial Approval	TWC	3rd meeting of 13 th plan dated 24.06.2017(Annexure-5)
	BOD	meeting 53(25) on dated 31.04.17
	Appraisal & Evaluation Committee	31.07.2017
	ETF	10.08.2017

5. Project Financial Details :

i. Project cost:-

Sl.No.	NAME OF ELEMENT	MVA / Km	COST (Cr.)
1	132 KV Substation Narkhi Firozabad(Double Main Transfer)	2X40	18.54
2	Lilo of Shikohabad- Tundla132kV Line at Narkhi	15km	6.80
3	Firozabad (400)-Narkhi 132kV DC line	30km	Approved with construction of Firozabad (400) s/s.
TOTAL			25.34

ii. Source of Financing (in %):

Sl.No.	Source of Financing	Percentage
1	State Government(Equity)	30%
2	Loan(Through PFC/REC)	70%
3	Rate of interst of PFC/REC	10.52 %
4	IRR	30.59% (Annexure-6)

6. Project Benefit:-

- Overloading of 220/132/33kV Firizabad s/s is reduced.
- Quality of power supply of Narkhi area is improved.



(निर्देशक)
अधीक्षण अभियन्ता
समाद निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०द्वारा का०लि०

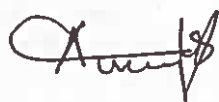
Annexure-1

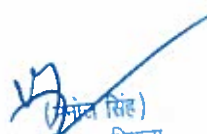
Existing nearby transmission sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station	Feasibility of Additional Bay
220	Firozabad	1x160+1x150 +1x100, 3x63	205MW 110MW	765kV Agra(PG) & 400kV Mainpuri (PG)	Space is not available for new 33kV bay
220	Sirsaganj	2x100 2x40	126MW 40MW	400kV Mainpuri (PG) & 220kV Mainpuri	Space is not available for new 33kV bay
132	Jasrana	2x40	53MW	220kV Mainpuri	Space is not available for new 33kV bay
132	Naseerpur	2x40	25MW	220kV Sirsaganj & 220kV Firozabad	Space is available for new 33kV bay
132	Shikohabad	1x63+1x40	66MW	220kV Sirsaganj	Space is not available for new 33kV bay
132	Tundla	1x63+1x40	53MW	220kV Firozabad	Space is not available for new 33kV bay
132	Narkhi	2x40	45MW	220kV Sirsaganj via Shikohabad(132) & 220kV Firozabad via Tundla(132)	Space is available for new 33kV bay

Details of 132kV Narkhi S/s and its connecting line

Name of New 132kV S/s.	Capacity of 132kV S/s	Name of Source Substation	Name of connecting 132kV Line to source S/s	Loading on connecting 132kV lines (in Amp)
132kV S/s Narkhi	2x40MVA	132kV Shikohabad	132kV Shikohabad-Narkhi line	195 Amp
		132kV Tundla	132kV Tundla-Narkhi Line	210 Amp




 (मिनेज सिंह)
 अध्यक्ष अभियन्ता
 सम्वद्ध निदेशक (नियोजन एवं वाणिज्य)
 08/09/2018

Annexure-2

Details of Load transferred to proposed 132kV Narkhi S/s

UTTAR PRADESH POWER CORPORATION LTD.											
TRANSMISSION ZONE : TRANSMISSION SOUTH, AGRA										ANNEXURE - I	
DISTRIBUTION ZONE : AGR											
NAME OF CIRCLE : ELECTRICITY TRANSMISSION CIRCLE, AGRA											
NAME OF PLAN/ PROJECT : Construction of 132 KV S/S, Narkhi (2 X 40 MVA)											
NAME OF PRIMARY SUB : 132 KV S/S Narkhi											
(A) INCREASING CAPACITY, (B) ADDITION OF NEW SUB STATION, (C) DETAILS OF ALREADY APPROVED S/S											
KEYS : VR - VOLTAGE, EC- EXISTING CAPACITY, TP- TOTAL PROVISION, AP- ADDITIONAL PROPOSAL											
SL	PRIMARY S/S					SECONDARY S/S					REMARK
No.	NAME OF S/S	VR (KV)	EC (MVA)	TP (MVA)	AP (MVA)	NAME OF FEEDER	VR (KV)	EC (MVA)	AP (MVA)	TP (MVA)	
1	132 KV S/S Narkhi	132/33	0	2 X 40		33 KV Narkhi Feeder	33	3X5	-	15	
						33 KV Nagla Ramkuwar Feeder	33	2X5	-	10	
						33 KV Pachokhara Feeder	33	2X5	-	10	
						33 KV Nagla Soth Feeder	33	2X5	-	10	
						33 KV Rijawali Feeder	33	2X5	-	10	
						33 KV Fariba Feeder	33	1X5	-	5	
						33 KV Kotli Feeder	33	-	1X5	5	
						Total	60 MVA	5 MVA	65 MVA		

From the above it may be seen that 132 KV S/S Narkhi is providing relief of 60 MVA (Existing) & upcoming 5 MVA Capacity to 220 KV s/s Firozabad


Executive Engineer
Electy. Trans. Div.
Firozabad


Superintending Engineer
Electy. Trans. Circle
Agra


Superintending Engineer
Electy. Distribution Circle
Firozabad


Chief Engineer
Distribution
Agra


Chief Engineer
Transmission South
Agra

Details of 33kV Substations presently feeding from 132kV Narkhi S/s

Primary New 132kV S/s.	Peak Load of 132kV S/s	Name of 33/11kV S/s	Capacity of 33/11kV S/s	Length of 33kV Feeder (Km.) from New 132kV S/s
132kV S/s Narkhi	250 Amp	33kV Rezawali	2x10 MVA	15Km.
		33kV Kotla	2x5 MVA	12Km.
		33kV Narkhi	3x5 MVA	5Km.
		33kV Pachokhara	2x10 MVA	12Km.
		33kV N. Ram Kuwar	2x5 MVA	12Km.
		33kV Hathwant	2x5 MVA	15Km.




(निर्देशक)
अभिलेख अनियन्ता
सम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
उपप्रमुख/उपनिर्देशक

Annexure-3

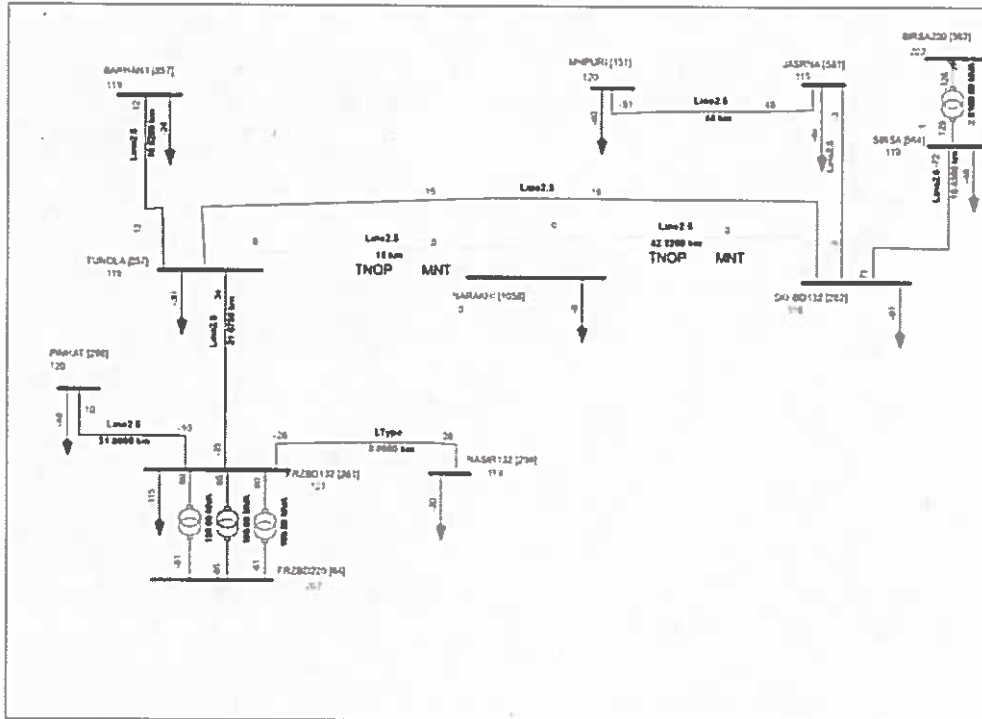
Geographical Map of existing primary Transmission Network in District Firozabad and its nearby area.



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(मोहन सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उत्तर प्रदेश विद्युत बोर्ड

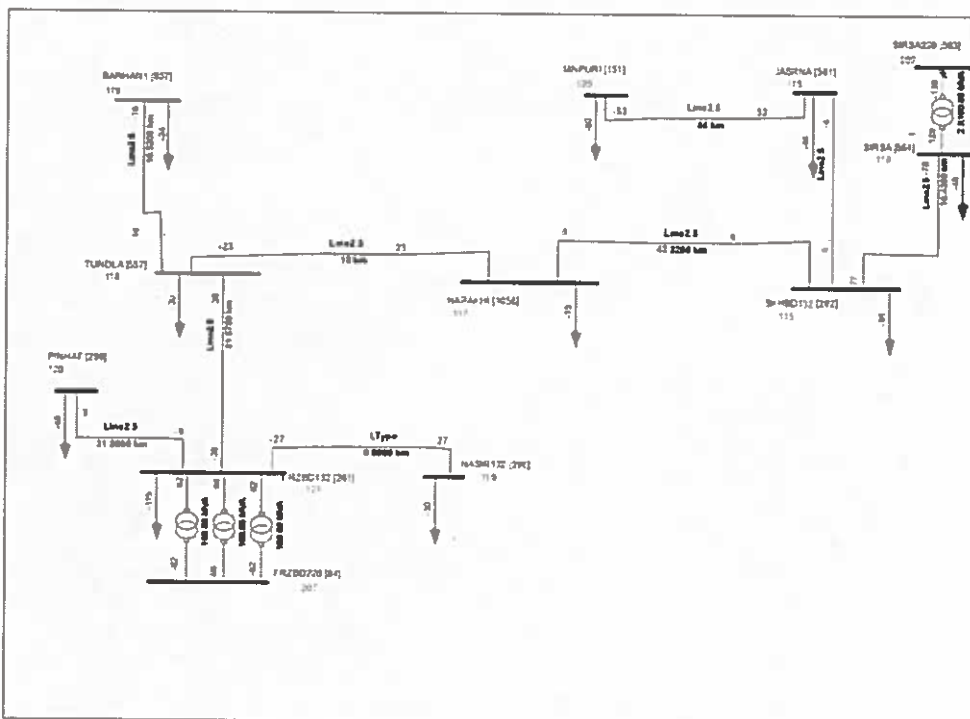
Load Flow Study without 132kV Narkhi S/s
(System Load-22500 MW FY 2019-20)



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 (निर्देशक)
 अधीक्षण अभियन्ता
 सम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
 उ०प्र० पा० द्रा० का० लि०

Load Flow Study with 132kV Narkhi S/s **(System Load-22500 MW FY 2019-20)**



Amey

अर्जुन सिंह)
सम्यक् निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द्रा० का० लि०

Minutes of TWC Meeting**3- 132/33 के0वी0 2x40 एम0वी0ए0 नारखी (फिरोजाबाद) उपकेन्द्र का निर्माण कार्य :-**

क्षेत्र सूचनानुसार 220 के0वी0 उपकेन्द्र फिरोजाबाद और 132 के0वी0 टूण्डला उपकेन्द्र पर वर्तमान में वे एवं स्थान उपलब्ध न होने के कारण भविष्य में विद्युत मांग-वृद्धि की आपूर्ति सुचारु बनाये रखने एवं निर्बाध रूप से विद्युत आपूर्ति हेतु 132 के0वी0 नारखी उपकेन्द्र का निर्माण अति आवश्यक है जिससे विद्युत आपूर्ति में सुधार होगा। अतः समिति ने उपकेन्द्र का निर्माण कार्य को निम्नानुसार अनुमोदित किया :-

- (i) 132/33 के0वी0, 2x40 एम0वी0ए0 नारखी (फिरोजाबाद) उपकेन्द्र का निर्माण (डबल मेन, ट्रान्सफर)
- (ii) शिकोहाबाद - टूण्डला 132 के0वी0 लाइन का नारखी उपकेन्द्र पर लीलो - 15 किमी0
- (iii) फिरोजाबाद (400) - नारखी 132 के0वी0 डीसी लाइन - 30किमी0
(बिन्दु iii कार्य की फिरोजाबाद (400) उपकेन्द्र के साथ पूर्व स्वीकृति की जा चुकी है)

अनुमानित व्यय रू0 25.34 करोड

4- 132/33 के0वी0 2x20 एम0वी0ए0 अहरौरा (मिर्जापुर) उपकेन्द्र का निर्माण :-

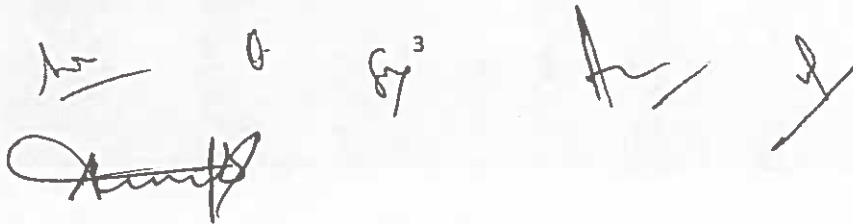
132/33 के0वी0 चुनार, मिर्जापुर के पूर्ण भारित रहने व क्षेत्र के विकास के दृष्टिगत निर्बाध विद्युत आपूर्ति हेतु अहरौरा उपकेन्द्र के निर्मित होने के पश्चात इस से पोषित होने वाले 33/11 के0वी0 विद्युत उपकेन्द्रों की विद्युत उपलब्धता में निरन्तरता एवं वोल्टेज स्थायित्व के साथ पारेषण क्षय में भी कमी आयेगी। इसके लिये नये 132/33 के0वी0 अहरौरा, मिर्जापुर उपकेन्द्र के निर्माण की अति आवश्यकता है। उपकेन्द्र के निर्माण हेतु ग्राम समाज की भूमि निशुल्क उपलब्ध है। अतः समिति ने निम्नानुसार कार्यो को अनुमोदित किया :-

- (i) 132/33 के0वी0 2x20 एम0वी0ए0 अहरौरा (मिर्जापुर) उपकेन्द्र का निर्माण (डबल मेन, ट्रान्सफर)
- (ii) चुनार-मिर्जापुर 132 के0वी0 एससी लाइन का अहरौरा उपकेन्द्र पर लीलो -25 किमी0
(20 एम0वी0ए0 परिवर्तक अन्यत्र से स्थानान्तरित कर)

अनुमानित व्यय रू0 23.00 करोड

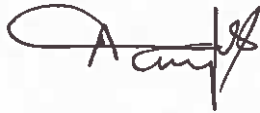
5- 132/33 के0वी0 2x40 एम0वी0ए0 चोलापुर (वाराणसी) उपकेन्द्र का निर्माण :-

वाराणसी शहर के मुख्य विद्युत भार पोषक 132 के0वी0 सारनाथ व वाराणसी कैंट उपकेन्द्रों पर अतिभारिता बनी रहती है। अतः वाराणसी - आजमगढ़ रूट पर विकसित भार हेतु 132/33 के0वी0 चोलापुर


 (अधीक्षक अभियन्ता)
 सम्बद्ध निदेशक (निर्वाहक एवं वाणिज्य)
 30/04/2010

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	4
4. Project Approval status	5
4. Project Financial details	5
5. Project Benefit	
Existing transmission substation load pattern	Annexure-1
Details of load transfer to 132kV Rudauli Substation	Annexure-2
Geographical Map	Annexure-3
Load Flow Study	
(i) Load flow study without 132kV Rudauli	Annexure-4
(ii) Load flow study with 132kV Rudauli	
Minutes of TWC meeting	Annexure-5

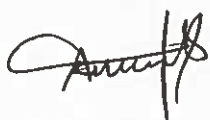


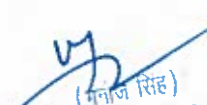
(मनेश सिंह)
अधीक्षण अभियन्ता
सम्यक् निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

**Format for Project Summary to be submitted along with
DPR**

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 2X40MVA 132 kV substation Rudauli Ayodhya & associated lines
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization.	i,iv,&v
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified:	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/Item-Rate/Turn-key/EPC/PPP:	EPC through open e-tender
vii.	Date of commercial operation	COD of 132kV Rudauli S/s- 29.02.2020




 (मनोज सिंह)
 अधीक्षण अभियन्ता
 सम्यक् निदेशक (नियोजन एवं वाणिज्य)
 -30/04/2020

2. Need and Justification:-

i.	Aims and Objectives of the Proposed Project:-	District Ayodhya consist of 220kV Sohawal and 132kV Bikapur, Darshannagar, Milkipur and Rudauli S/s to feed the power supply of Ayodhya and nearby region. Before 132kV Rudauli S/s, Rudauli area was feeded by 220/132/33kV sohawal substation. Due to overloading of Sohawal s/s & feeding upcoming load in Rudauli region, it was necessary to construct 132kV Rudauli S/s. Presently 132kV Rudauli is feeding power supply to following 33kV S/s of Discom -33/11kV, Amaniganj, Sujanganj, BabaBazar & proposed Saidpur S/s will be connected in near future.
ii.	Geographical Map indicating Proposed & Existing S/s in nearby area Load	Annexure-3
iii.	Load flow Study carried out with existing network and with Proposed network	Annexure-4

3. Project Physical Details :-

i.	District of the project	Ayodhya
ii.	Location of the Project (with latitude and longitude of the location)	The substation is located in Rudauli District Faizabad. Latitude : 26.645678 Longitude : 81.733022
iii.	Total Land requirements:	132kV Rudauli S/s is constructed on 1.00 hectare Gramsamaj Land at Rudauli.

अर्चिता सिंह
 सहायक निदेशक (नियोजन एवं वाणिज्य)
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4. Project Approval Status –

Technical & Financial Approval	TWC	4th meeting of 13 th plan dated 27.07.2017(Annexure-5)
	BOD	meeting 54(06) dated 26.09.2017
	Appraisal & Evaluation Committee	04.10.2017
	ETF	-N/A-

5. Project Financial Details :

i. Project cost:-

Sl.No.	NAME OF ELEMENT	MVA / Km	COST (Cr.)
1	132 KV Substation Rudauli, Faizabad(Double Main Transfer)	2X40MVA	18.56
2	Lilo of Sohawal (220)-Ramsanehi Ghat 132kV SC line at Rudauli.	12Km	5.10
3	Ayodhya(220)-Rudauli 132kV DC line	45Km	19.08
TOTAL			42.74

ii. Source of Financing (in %):

Sl.No.	Source of Financing	Percentage
1	State Government(Equity)	30%
2	Loan(Through PFC/REC)	70%
3	Rate of interest of PFC/REC	10%
4	IRR	17.94% (Annexure-6)

6. Project Benefit:-

- The overloading of 220/132/33kV Sohawal s/s is reduced.
- Quality of power supply of Rudauli tehsil region is improved.

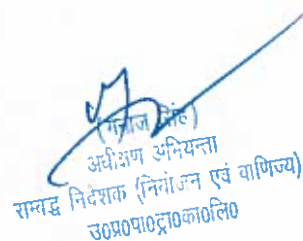
(समीक्षित)
अध्यक्ष अभियन्ता
सम्यक् निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Annexure-1**Existing transmission sub-stations load pattern of Ayodhya**

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station
220kV	Sohawal	2x160	192MVA	Sohawal PG(400) & Sultanpur(400)
		2x63+1x40	94MVA	
132kV	Bikapur	2x20+1x40	56MVA	Sultanpur(220)
132kV	Milkipur	2x40	53MVA	Sultanpur(220)& Sohawal(220)
132kV	Darshannagar	1x63+2x40	116MVA	Sohawal(220)

Detail of Rudauli 132kV S/s and its connecting line

Name of new 132kV S/s	Capacity of 132kV s/s	Peak load of new 132kV S/s	Name of source Substation	Name of connecting 132kV line to source substation	Loading on connecting 132kV lines (in AMP)
132kV Rudauli	2X40MVA	65Amp.	220kV Sohawal	132kV Sohawal-RS Ghat line	80Amp.

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उ०प्र० पा० द० का० अ०

Annexure-2

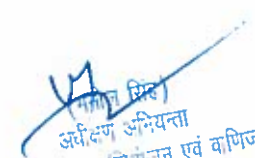
Details of 33kV substations presently feeding from 132kV Rudauli Substation

Primary New 132kV Sub-station	Capacity of 132kv S/s	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from New 132kV S/s
132kV Rudauli	2x40MVA.	Amaniganj	15MVA	16.2km	3.5km
		Sujanganj	10MVA	New s/s	08km
		Baba Bazar	10MVA	33.2km	14.15km

Details of 33kV substations to be connected in future from 132kV Rudauli Substation

Primary New 132kV Sub-station	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from New 132kV S/s
132kV Substation Rudauli	Saidpur	10MVA	New S/s	01km




अर्थीक्षण अभियन्ता
सम्बद्ध निर्देशक (नियोजन एवं कणियज्य)
उ०प्र०मा०द्रा०का०लि०

Annexure-3

Geographical Map of existing primary Transmission Network in District Ayodhya and its nearby area.



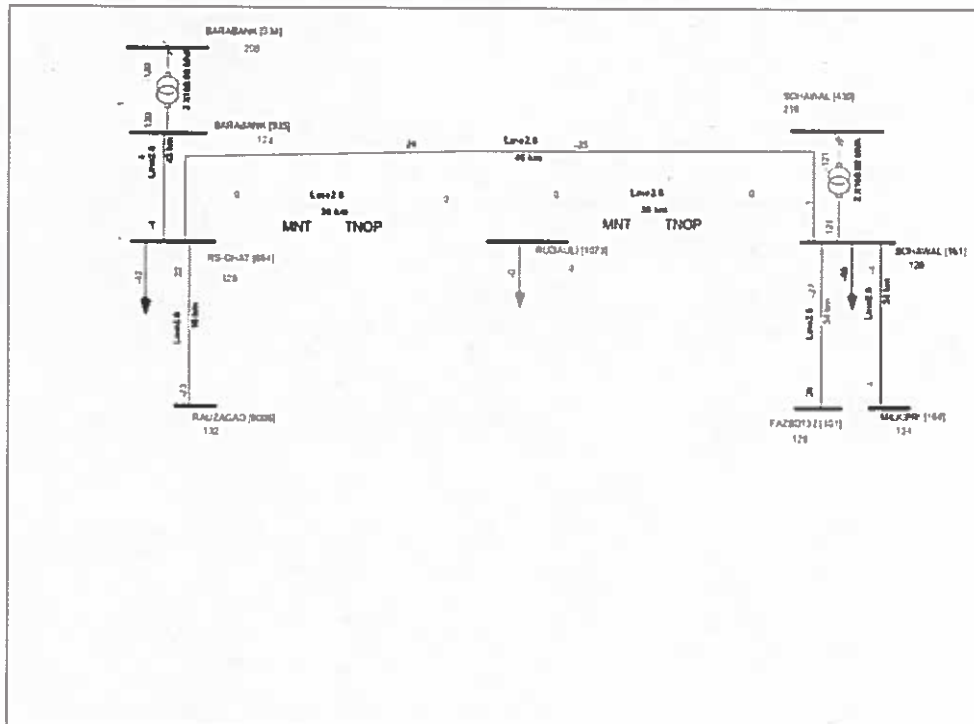
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(मनीष सिंह)
अधीक्षक अभियन्ता
निदेशक (निर्माण एवं वाणिज्य)
उत्तर प्रदेश विद्युत निगम

Construction of 132 KV substation Rudauli, Ayodhya and associated lines

Page 8

Annexure-4



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सत्यमेव जयते

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सत्यमेव जयते

Minutes of TWC Meeting

Annexure-5

8- 132/33 के०वी० 2x40 एम०वी०ए० मिश्रिख (सीतापुर) उपकेन्द्र का निर्माण कार्य :-

क्षेत्र सूचनानुसार जनपद सीतापुर में विद्युत मांग-वृद्धि की आपूर्ति सुचारु बनाये रखने एवं भविष्य में निर्बाध रूप से विद्युत आपूर्ति हेतु नये 132 के०वी० उपकेन्द्र निर्माण की आवश्यकता है। मिश्रिख सीतापुर के आस-पास भूमि की सम्भावना प्रबल है। अतः समिति ने उपकेन्द्र का निर्माण कार्य को निम्नानुसार अनुमोदित किया :-

- (i) 132/33 के०वी०, 2x40 एम०वी०ए० मिश्रिख (सीतापुर) उपकेन्द्र का निर्माण (डबल मेन, ट्रान्सफर)
- (ii) सीतापुर (220) - बिसवाँ 132 के०वी० एससी लाइन का मिश्रिख उपकेन्द्र पर लीलो - 40 किमी०
अनुमानित व्यय रु० 35.89 करोड़

9- 132/33 के०वी० 2x40 एम०वी०ए० मोहनलालगंज, लखनऊ उपकेन्द्र का निर्माण कार्य :-

क्षेत्र सूचनानुसार लखनऊ एवं मोहनलालगंज आस-पास के क्षेत्रों में विद्युत मांग-वृद्धि की आपूर्ति सुचारु बनाये रखने एवं भविष्य में निर्बाध रूप से विद्युत आपूर्ति हेतु नये 132 के०वी० उपकेन्द्र का निर्माण की आवश्यकता है। मोहनलालगंज के आस-पास स्पष्ट भूमि विनिहित है। अतः समिति ने उपकेन्द्र एवं सम्बन्धित निर्माण कार्य को निम्नानुसार अनुमोदित किया :-

- (i) 132/33 के०वी०, 2x40 एम०वी०ए० मोहनलालगंज, लखनऊ उपकेन्द्र का निर्माण (डबल मेन, ट्रान्सफर)
- (ii) हैदरगढ़ - बाराबंकी (220) 132 के०वी० डीसी लाइन के एक सर्किट का मोहनलालगंज (220) उपकेन्द्र पर लीलो - 25 किमी०

अनुमानित व्यय रु० 29.38 करोड़

10- 132/33 के०वी० 2x40 एम०वी०ए० रुदौली (फैजाबाद) उपकेन्द्र का निर्माण कार्य :-

क्षेत्र सूचनानुसार फैजाबाद जनपद व रुदौली के आस-पास के क्षेत्रों में हो रही भार वृद्धि के दृष्टिगत विद्युत मांग-वृद्धि की आपूर्ति सुचारु बनाये रखने एवं भविष्य में निर्बाध रूप से विद्युत आपूर्ति हेतु 132 के०वी० उपकेन्द्र निर्माण की आवश्यकता है रुदौली के आस-पास भूमि उपलब्धता की सम्भावना प्रबल है। अतः समिति ने उपकेन्द्र एवं सम्बन्धित निर्माण कार्य को निम्नानुसार अनुमोदित किया :-

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अधीक्षक अभियन्ता
सम्बद्ध निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० का० वि०

- (i) 132/33 के०वी०, 2x40 एम०वी०ए० रूदौली (फैजाबाद) उपकेन्द्र का निर्माण (डबल मेन, ट्रान्सफर)
(ii) सोहावल (220) - राम स्नेही घाट 132 के०वी० एससी लाइन का रूदौली उपकेन्द्र पर लीलो - 12किमी०
(iii) अयोध्या (220) -रूदौली 132 के०वी० डीसी लाइन-45 किमी०
अनुमानित व्यय ₹0 43.26 करोड़

11- 2x660 मेगावाट ओबरा "सी" तापीय परियोजना (उ०प्र०रा० विद्युत उत्पादन निगम)की ऊर्जा निकासी सम्बन्धी :-

उ०प्र० राज्य विद्युत उत्पादन निगम इकाई की 2x660 मेगावाट तापीय परियोजना स्वीकृति हो चुकी है व परियोजना की पूर्ण ऊर्जा प्रदेश हेतु निर्धारित है। परियोजना का 2020-21 तक पूर्ण हो जाने की सम्भावना है व मुख्य निकासी तंत्र का CEA की standing committee की 38वीं बैठक दिनांक 30.05.16 में अनुमोदन प्राप्त हो चुका है। अतः समिति ने उपकेन्द्र निर्माण कार्य को निम्नानुसार अनुमोदन स्वीकृत किया :-

- (i) अनपरा "डी" - उन्नाव 765 के०वी० एससी लाइन का ओबरा "सी" परियोजना पर लीलो- 15 किमी० (अनपरा "डी" से शिफ्ट कर ओबरा "सी" परियोजना स्विचयार्ड में 765 के०वी० 330 MVAR Line Reactor UPRVUNL द्वारा स्थापित किया जायेगा)
(ii) ओबरा "सी" (UPRVUNL) - जौनपुर 400 के०वी० डीसी लाइन -190 किमी०
(उपरोक्त में बिन्दु iii पर अंकित जौनपुर (400) उपकेन्द्र सम्बन्धी कार्य 30वीं बैठक दिनांक 24.02.2016 को अनुमोदित हो चुका है)
(iii) उपरोक्त उपकेन्द्र ओबरा "सी"- जौनपुर 400 के०वी० डीसी लाइन के एक सर्किट का ओबरा "बी" परियोजना पर लीलो - 08 किमी०
(पूर्व स्वीकृत अनपरा-सारनाथ 400 के०वी० डीसी लाइन के एक सर्किट का ओबरा "बी" परियोजना पर लीलो कार्य को निरस्त किया जाता है)

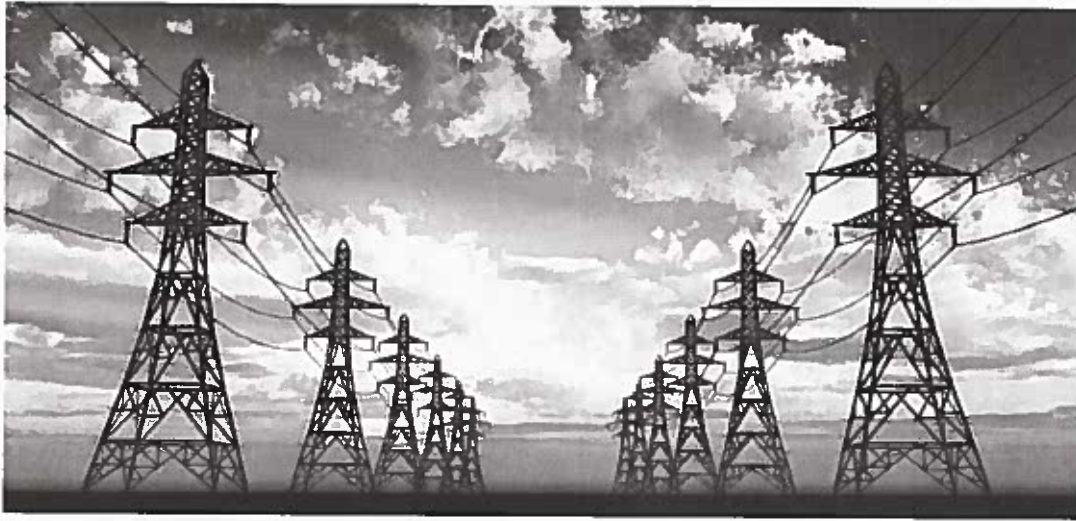
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DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 132/33 KV BANSDIH SUBSTATION **DISTRICT-BALLIA**

COD -18.04.2019



PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED**

(सुनील सिंह)
अधीक्षक अभियन्ता
समाधि निर्देशक (निर्वाह एवं वाणिज्य)
1303010/10/10/10/10

Checklist of Project

1. Project Identification 3
2. Need and Justification 4
3. Project Physical Details 4
4. Project Approval status 4
5. Project Financial details 5
6. Project Benifit 5

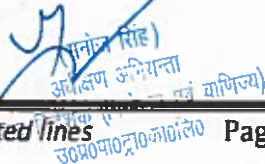
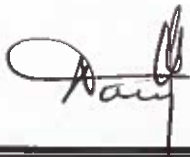
Existing 132kVsub-stations load pattern in Ballia District Annexure-1

Details of Load transferred to 132kV Bansdih S/s Annexure-2

Geographical Map Annexure-3

Load Flow Study
(i)Load flow study without 132kV Bansdih S/s Annexure-4
(ii)Load flow study with 132kV Bansdih S/s

Minutes of TWC meeting Annexure-5



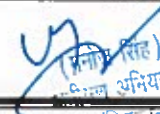
अधीक्षक अभियन्ता
उपप्रमुख (प्रशासनिक एवं योजना)

Format for Project Summary to be submitted along with DPR

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 132 kV substation Bansdih(Balia) & its associated lines
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization.	i,iv,&v
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified:	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/Item-Rate/Turn-key/EPC/PPP	EPC through open e-tender
vii.	Date of commercial operation	18.04.2019

Construction of 132 KV substation Bansdih, Ballia and associated lines


 (निदेशक)
 सम्यक् निदेशक (निर्माण)
 उ०प्र० पा० द० १० क० अ०

Page 3

2. Need and Justification:-

i.	Objectives of the Proposed Project:-	District Ballia consist of 220kV Rasra and 132kV Ballia, Chitbaragaon, Dighar, Rasra, Sikandarpur and Bansdih S/s. Before construction of 132kV Bansdih s/s, Bansdih Tehsil power supply was fed by 132kV Ballia and Sikandarpur S/s through various 33kV secondary substations. Due to long length of 33kV line from 132kV Ballia, low voltage problem persist and supply of Bansdih Tehsil was interrupted frequently. To solve the problem of low voltage and to cater upcoming new 33kv S/s load, 132kV Bansdih S/s is constructed. After construction of 132kV Bansdih s/s Overloading of 132kV Kasara (Mau)-Ballia line has been reduced after shifting of 33kV feeders from 132kV S/s Ballia to 132kV Bansdih S/s. Presently 132kV Bansdih feed power supply to 33/11kV only Bansdih (Tehsil), Bansdih (Rural), and other proposed 33kV s/s as Sahatbar, Reoti, Sukhpura, Saidpura, Maniyar, Dhelua substation is to be connected in future.
ii.	Geographical Map indicating Proposed & Existing S/s in nearby area Load	Annexure-3
iii.	Load flow Study carried out with existing network and with Proposed network	Annexure-4

3. Project Physical Details :-

i.	District of the project	District Balia
ii.	Location of the Project (with latitude and longitude of the location)	The substation has been located in District Balia. Latitude : 25.89583333 Longitude :84.29611111
iii.	Total Land requirements:	132kV Bansdih S/s is constructed on 4.05 hectare Gramsamaj Land at Bansdih.

4. Project Approval Status –

Technical & Financial Approval	TWC	39 th meeting of 12 th plan dated 08.09.2016 (Annexure-5)
	BOD	16.09.2016
	Appraisal & Evaluation Committee	19.09.2016
	ETF	-N/A-

Construction of 132 KV substation Bansdih, Ballia and associated lines

Page 4

(मनोहर सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
३०/०९/२०१६

5. Project Financial Details :

i. Project cost:-

Sl.No.	Name Of Element	MVA / Km	Cost (Cr.)
1	132 KV Substation Bansdih Balia(Double Main Transfer)	2x40	19.00
2	Ibrahimpatti Ballia(765)PGCIL-Bansdih 132kV DC line	62	31.00
3	Lilo of Ibrahimpatti-Bansdih 132kV DC line at Sikandarpur(Balia)	12	6.00
4	132KV Bay at Sikandarpur S/s	02	1.82
TOTAL			57.82

ii. Source of Financing (in %):-

Sl.No.	Source of Financing	Percentage
1	State Government(Equity)	30%
2	Loan(Through PFC/REC)	70%
3	Rate of interst of PFC/REC	10%
4	IRR	13.06% (Annexure-6)

6. Project Benefit:-

- Overloading of 132kV Balia is reduced
- Quality of power supply of Bansdih tehsil is improved.

Annexure-1**Existing nearby transmission sub-stations load pattern of Ballia District**

Voltage Level (kV)	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station	Feasibility of Additional Bay
220	Rasra	2x160	112MVA	Sarnath(400) via Ghazipur(220)	-
132	Ballia	2x63	101MVA	Mau kasara(400)	Space is not available for new 33kV bay
132	Chitbaragaon	2x20	12MVA	Rasra(220)	Space is available for new 33kV bay
132	Dighar	2x40	42MVA	Mau kasara(400) via Ballia(132)	Space is available for new 33kV bay
132	Rasra	2x40	72MVA	Rasra Ballia(220)	Space is not available for new 33kV bay
132	Sikandarpur	1x63+1x40	74 MVA	BalliaPG(765)	Space is available for new 33kV bay

Detail of 132kV Bansdih S/s and its connecting line

Name of new 132kV S/s	Capacity of 132kV s/s	Peak load of new 132kV S/s	Name of source Substation	Name of connecting 132kV line to source substation	Loading on connecting 132kV lines (in AMP)
132kV Bansdih	1X40MVA	49Amp.	765/400kV PGCIL (Ibrahimpatti) S/s	132kV PGCIL-Bansdih line	102AMP
				132kV Sikandarpur-Bansdih	64AMP



(महेश सिंह)
अधीक्षक अभियन्ता
समग्र निदेशक (निर्माण एवं वाणिज्य)
उ०प्र०म०३०३०३०३०३०

Annexure-2**Details of Proposed Load transferred to 132kV Bansdih S/s**

TRANSMISSION ZONE- ALLAHABAD
XII- Plan : 2012- 2017

PROPOSAL FOR PRIMARY SUB- STATION

A Addition of New Sub- Station 132 KV S/S Bansdih
B Deletion of already approved Sub - Station
Key: VR Voltage Ratio (KV/KV) 132/33 KV
EC Existing Capacity as on Nil
TP Total Provision already approved (2X40) MVA

PRIMARY SUB-STATIONS

Name of S/s	VR	EC	TP	AP
132 KV S/S Bansdih	132/33		2x40	

SECONDARY SUB-STATIONS

Sl No	Name of Sub- Stations	VR	EC	TP	AP
1	Bansdih	33/11	2x5	2x5	
2	Bansdih Tehsil	33/11			1x5
3	Bansdih	33/11	1x5	1x5	1x5
4	Reoti	33/11	2x5	2x5	
5	Bansdih	33/11	2x5	2x5	
6	Bansdih	33/11	2x5	2x5	
7	Bansdih	33/11	1x5	1x5	
8	Bansdih	33/11			2x5

C.S. (Trans. Secy) Allahabad
S.D. Ghazipur
S.D. Ballia

Details of 33kV substations presently feeding from 132kV Bansdih Substation

Primary New 132kV Sub-station	Capacity of 132kV S/s	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from New 132kV S/s
132kV Bansdih	1x40MVA.	Bansdih Tehsil	5MVA	19km	10.5km (currently both s/s are running on one 33kV line. Construction of seprate 33kV line for Bansdih rural is in progress.
		Bansdih Rural	15MVA	19km	

Details of 33kV substations to be connected in future from 132kV Bansdih Substation

Primary New 132kV Sub-station	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from New 132kV S/s
132kV Substation Bansdih	Reoti	15MVA	37km	14.5 Km.
	Sahatwar	5MVA	14km	9.5 Km.
	Bansdih Rural	15MVA	19km	12.5 Km.

Construction of 132 KV substation Bansdih, Ballia and associated lines

Page 7

Geographical Map of existing primary Transmission Network in District Ballia and its nearby area.

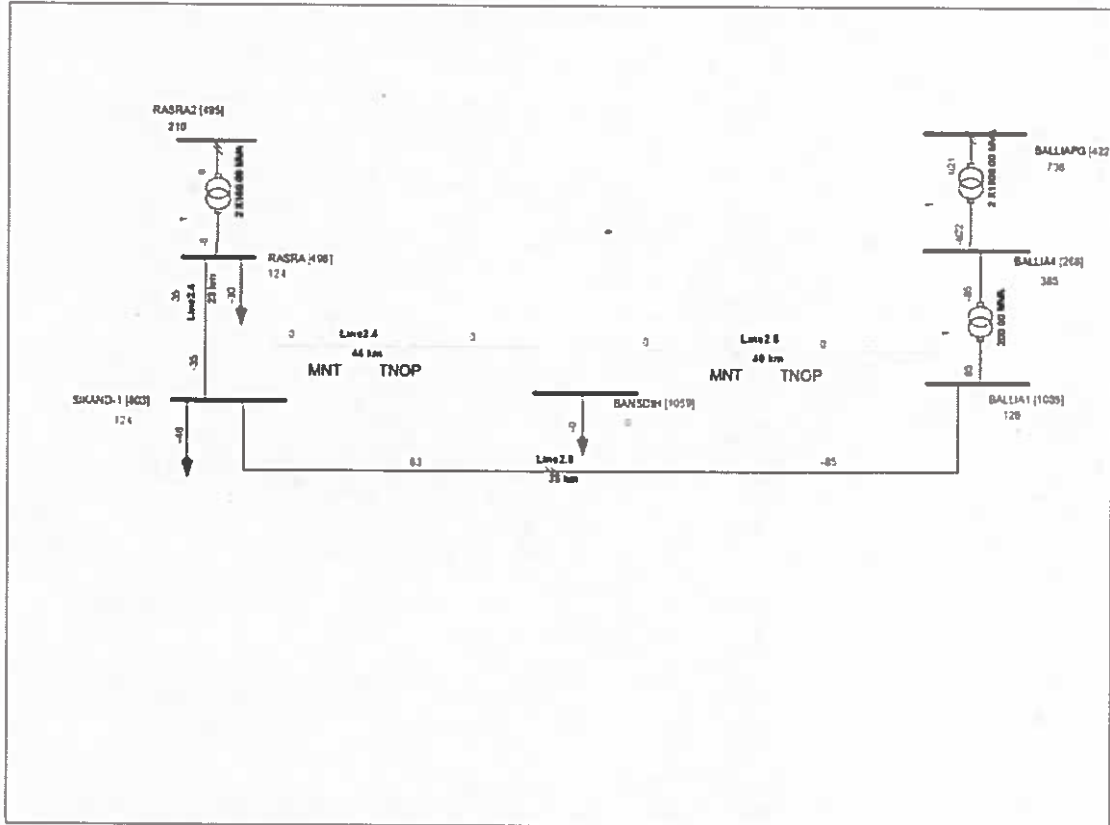


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 (महेश सिंह)
 अधीक्षण अभियन्ता
 संचयन निदेशक (निर्माण एवं वाणिज्य)
 उ०प्र० मा० द्रा० का० ज० ले०

Annexure-4

Load flow study without 132kV Bansdih S/s
(System Load-22500 MW FY 2019-20)



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 सम्यक् निदेशक (निर्माण एवं वाणिज्य)
 उ०प्र० पा० द्रा० का० ले०

Minutes of TWC Meeting

कारपोरेशन द्वारा गठित "पारेषण कार्य अनुमोदन समिति" की दिनांक: 08.09.2016 को सम्पन्न 12वीं योजनाकाल की 38वीं बैठक का कार्यवृत्त।

बैठक में निम्न अधिकारी उपस्थित थे :-

- 1- श्री विशाल चौहान, प्रबन्ध निदेशक, उ०प्र०पा०ट्रां०का०लि० एवं अध्यक्ष समिति।
- 2- श्री सरोज कुमार मिश्रा, निदेशक (वित्त) एवं सदस्य समिति।
- 3- श्री चन्द्र मोहन माथुर, निदेशक (ऑपरेशन) एवं सदस्य समिति।
- 4- श्री अरुण प्रताप सिंह, निदेशक (कार्य एवं परियोजना) एवं सदस्य समिति।
- 5- श्री सुमन गुच्छ, मुख्य अभियन्ता (पारेषण नियोजन) एवं संयोजक सदस्य समिति।

निदेशक (ऑपरेशन) एवं वितरण क्षेत्रों से प्राप्त पारेषण कार्यों के प्रस्तावों पर, समिति ने सम्यक विचारोपरान्त निम्न निर्णय लिये :-

(क) नये कार्य :-

- (1) 132/33 के०वी०, 2X40 एम०वी०ए० बांसडीह (बलिया) उपकेन्द्र का निर्माण कार्य:-

क्षेत्र से प्राप्त प्रस्ताव अनुसार बांसडीह (बलिया) में शीघ्रता से हो रहे दूर स्थलों पर विकास कार्यों के कारण अतिरिक्त भार एवं वर्तमान व्यवस्था में लो वोल्टेज की समस्या को दृष्टिगत रखते हुए समिति ने उपकेन्द्र का निर्माण निम्नानुसार अनुमोदित किया:-

- 132/33 के०वी०, 2X40 एम०वी०ए० बांसडीह (बलिया) उपकेन्द्र का निर्माण (डबल मेन)
- इब्राहिम पट्टी-बलिया(765) PGCIL-बांसडीह 132 के०वी० डी०सी० लाइन- 62 किमी०
- इब्राहिम पट्टी-बांसडीह 132 के०वी० डी०सी० लाइन के एक लाइन का सिकन्दरपुर 132 के०वी० उपकेन्द्र पर लीलो- 12 किमी०
- सिकन्दरपुर(बलिया) 132 के०वी० उपकेन्द्र पर 132 के०वी० 'बे'- 2 अदद

अनुमानित व्यय रु० 58.20 करोड़

(समिति द्वारा स्वीकृत बलिया(765) इब्राहिमपट्टी PGCIL उपकेन्द्र से 132 के०वी० कनेक्टिविटी CEA स्टैंडिंग समिति से प्रतिदित अनुमोदन की प्रत्याशा में की गई)

- (2) चितबड़ागाँव-बांसडीह रोड 132 के०वी० टी०एस०एस० लाइन का 'बे' सहित निर्माण कार्य (जमा मद में):-

क्षेत्र से प्राप्त प्रस्ताव अनुसार रेलवे 132 के०वी० टी०एस०एस० लाइन को विद्युत आपूर्ति हेतु चितबड़ागाँव से बांसडीह रोड तक 132 के०वी० (TSS) लाइन का निर्माण कार्य (जमा मद में) समिति ने निम्नानुसार अनुमोदित किया:-

- चितबड़ागाँव-बांसडीह रोड 132 के०वी० एस०सी० लाइन(TSS)- 29.57 किमी०
- 132 के०वी० चितबड़ागाँव उपकेन्द्र पर 132 के०वी० 'बे' - 1 अदद
- 132 के०वी० ट्रांसफर 'बे' - 1 अदद

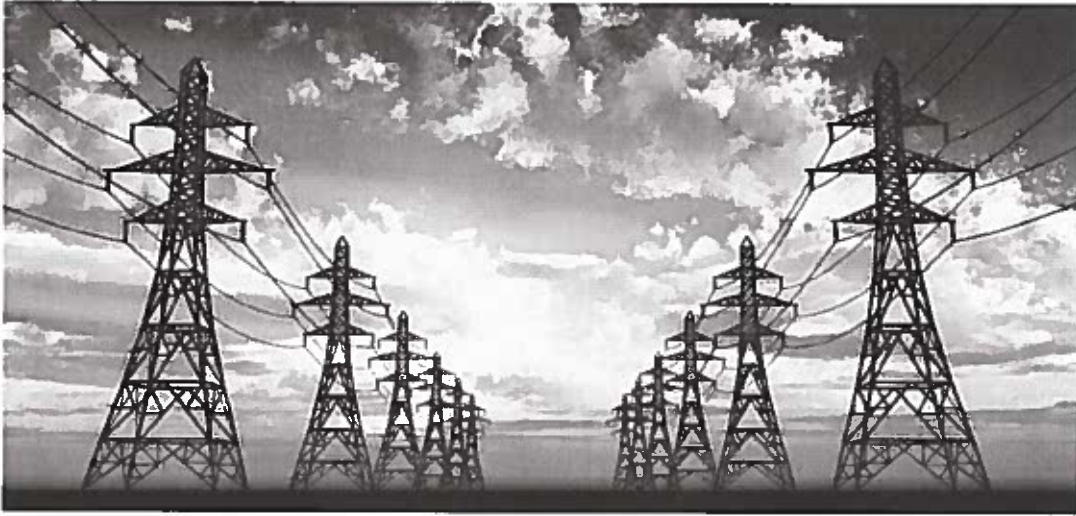
अनुमानित व्यय रु० 13.84 करोड़
(जमा पूँजीगत कार्य)

(प्रमोद सिंह)
अधीक्षक अभियन्ता
समग्र निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रां०का०लि०

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 132/33 KV FATEHPURSIKRI **SUBSTATION** **DISTRICT-AGRA**

COD 07.03.2020



PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION
CORPORATION LIMITED**

(मनोज सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० कॉ० लि०

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	4
4. Project Approval status	5
5. Project Financial details	5
6. Project Benefit	5

Existing nearby transmission substation load pattern Annexure-1

Details of load transfer to 132kV Substation Annexure-2

Geographical Map Annexure-3

Load Flow Study

(i) Load flow study without 132kV Fatehpursikri s/s

(ii) Load flow study without 132kV Fatehpursikri s/s

Annexure-4

Minutes of TWC meeting

Annexure-5

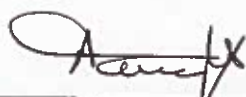


(निरीक्षक)
अधीक्षण अनियन्ता
सम्यक् निदेशक (निर्माण एवं वाणिज्य)
उपनिर्देशक

**Format for Project Summary to be submitted along with
DPR**

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 132 kV substation Fatehpursikri & associated lines
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization.	i,iv,&v
iii.	Context behind conceiving the project : (Announcement made by any minister, if any)	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified:	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/Item-Rate/Turn-key/EPC/PPP	EPC through open e-tender
vii.	Date of commercial operation	07.03.2020




अनंद क

Construction of 132 KV substation Fatehpur Sikri, Agra and associated lines

समय निदेशक
उपप्रमुख
Page 3

2. Need and Justification:-

i.	Aims and Objectives of the Proposed Project:-	Before construction of 132kV Fatehpursikri, Fatehpursikri area power supply was fed by 132kV Kirawali s/s. due to overloading of 132kV Fatehpursikri s/s and upcoming s/s of Discom 132kV Fatehpursikri was required. Presently 132kV Fatehpur S/s supply power to following Discom 33kV s/s - F.S.Town, F.S. Rural, Madanpura, Mangolikala. Proposed s/s Dura & Undera are to be connected in future. Therefore, a new Sub Station at Fatehpur Sikari is essential to cater growing load demand of Fatehpur Sikari as well as existing available capacity of rural areas. Sub Station is constructed on GIS based SAS scheme.
ii.	Geographical Map indicating Proposed & Existing S/s in nearby area Load	Annexure-3
iii.	Load flow Study carried out with existing network and with Proposed network	Annexure-4

3. Project Physical Details :-

i.	District of the project	District Agra
ii.	Location of the Project (with latitude and longitude of the location)	The substation would be located in Fatehpursikri District Agra. Latitude : 27.101613 Longitude : 77.607080
iii.	Total Land requirements:	0.4380 hectare Land of Gramsamaj in Fatehpursikri.

Construction of 132 KV substation Fatehpur Sikri, Agra and associated lines

4. Project Approval Status –

Technical & Financial Approval	TWC	3rd meeting of 13 th plan dated 24.06.2017(Annexure-5)
	BOD	53(25) meeting on dated 04.10.2017
	Appraisal & Evaluation Committee	04.10.2017
	ETF	11.10.2017

5. Project Financial Details :

i. Project cost:-

Sl.No.	NAME OF ELEMENT	MVA / Km	COST (Cr.)
1	Construction of 132/33kV S/s Fatehpur sikri	2X40MVA	23.17
2	Lilo of Sikandara(220)-Kirawali 132kV sc line at 132kV Fatehpursikri S/s	22Km	9.99
TOTAL			33.16

(ii)Source of Financing (in %):

Sl.No.	Source of Financing	Percentage
1	State Government(Equity)	30%
2	Loan(Through PFC/REC)	70%
3	Rate of interst of PFC/REC	10%
4	IRR	23.12% (Annexure-6)

6. Project Benefit:-

- Overloading of 132kv Kirawali s/s is reduced.
- Quality of power supply of historical area Fatehpursikri is improved.



मनोज सिह
अतिरिक्त अभियन्ता
सम्बद्ध निदेशक (निर्माण एवं वसतिज्य)
उपप्रभाग-३/३०६/३०६/३०६

Annexure-1

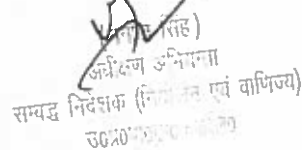
Existing nearby transmission 132kV sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station
132kV	Agra (Cantt.)	2x63	61	400kV Agra(south)
132kV	Agra(Foundri nagar)	1x63+1x40	81	400kV Agra
132kV	Agra(Taj)	1x63+2x40	68	400kV Agra (south) & 400kV Agra via Agra(Foundry) and Agra cantt.
132kV	Bah, Agra	1x63+1x40	30	Orai(220)
132kV	Barhan	2x63	17	400kV Agra via 132kv Etmadpur
132kV	Bheemnagari	2x40	18	400kV Agra
132kV	Bichpuri	2x40	40	220kV Agra(sikandara)
132kV	Kirawali	2x40	52	400kV Agra(south)
132kV	Kheragarh	2x40	31	400kV Agra(south)
132kV	Dayalbagh	1x63+1x40	66	400kV Agra
132kV	Fatehpursikri	2x40	25	220kV Agra(sikandara)

Details of 132kV Fatehpursikri S/s and its Connecting line

Name of New 132kV S/s.	Capacity of 132kV S/s	Name of Source Substation	Name of connecting 132kV Line to source S/s	Loading on connecting 132kV lines (in Amp)
132kV S/s Fatehpur Sikri	2x40MVA	220kV S/s Sikandra	132kV Fatehpur Sikri- Sikandra line	05 Amp
		132kV Kirawali	132kV Fatehpur Sikri- Kirawali Line	05 Amp




समय निदेशक (निर्माण एवं वाणिज्य)
उपनिवेश

Annexure-2

Details of Load transferred to 132kV Fatehpursikri Agra s/s

UTTAR PRADESH POWER TRANSMISSION CORPORATION LTD.																													
TRANSMISSION ZONE					TRANSMISSION SOUTH, AGRA																								
DISTRICT					AGRA																								
NAME OF CIRCLE					ELECTRICITY TRANSMISSION CIRCLE, AGRA																								
NAME OF PLANNED PROJECT					Construction of 132KV New Sub Station, Karamat Agra along with its L.A.D Line																								
NAME OF PRIMARY SUB STATION					132 KV S/S, Karamat, Agra																								
(A) EXISTING CAPACITY					(B) ADDITION OF NEW SUB STATION					(C) DETAILS OF ALREADY APPROVED S/S																			
KV/S					V/S					EC (MVA)					TP (MVA)					AP (MVA)					REMARK				
PRIMARY S/S					SECONDARY S/S					TERTIARY S/S					QUATERNARY S/S					QUINTERNARY S/S									
No.	NAME OF S/S	V/S (KV)	EC (MVA)	TP (MVA)	AP (MVA)	Name of Feeder	Name of Secondary S/S	V/S (KV)	EC (MVA)	TP (MVA)	AP (MVA)	REMARK																	
1	132 KV S/S, Karamat Agra	132/33	2x40	2x40	0	FDR 1	Fatehpur Sikri (under construction)	33/11																					
						FDR 2	Karamat (under construction)	33/11																					
						FDR 3	Fatehpur Sikri	33/11	20																				
						FDR 4	Dura	33/11	0																				
						FDR 5	Madanpura	33/11	20																				
						FDR 6	Mangolikala	33/11	0																				
						FDR 7	Undera	33/11	0																				
						Total		80			10																		

From above it is clear that to provide load to above feeders and increasing load on Fatehpur Sikri area in near future a new 132 KV sub station with capacity 2x40 MVA is needed. Fatehpur Sikri is an important town and part of T.T.Z. area of Agra. Hence uninterrupted supply is required as per policy of U.P. Government and orders of Honorable Supreme Court of India.

Details of 33kV Substation presently feeding from 132kV Fatehpursikri S/s

Primary New 132kV S/s.	Peak Load of 132kV S/s	Name of 33/11kV S/s	Capacity of 33/11kV S/s	Length of 33kV Feeder (Km.) from old 132kV S/s	Length of 33kV Feeder (Km.) from New 132kV S/s
132kV S/s Fatehpur Sikri	120 Amp/28 MVA	F.S. Town	5MVA	15	07
		F.S. Rural	20 MVA	13	10
		Madanpura	20 MVA	40	03
		Mangolikala	8 MVA	20	10

Details of 33kV Substations to be connected in future from 132kV Fatehpursikri S/s.

Primary New 132kV S/s.	Capacity of 132kV S/s	Peak Load of 132kV S/s	Name of 33/11kV S/s	Capacity of 33/11kV S/s	Length of 33kV Feeder (Km.) from old 132kV S/s	Length of 33kV Feeder (Km.) from New 132kV S/s
132kV S/s Fatehpur Sikri	2x40MVA	120 Amp	Dura	8MVA		16Km.
			Undera (New S/s)	5MVA	-	14Km

Amit

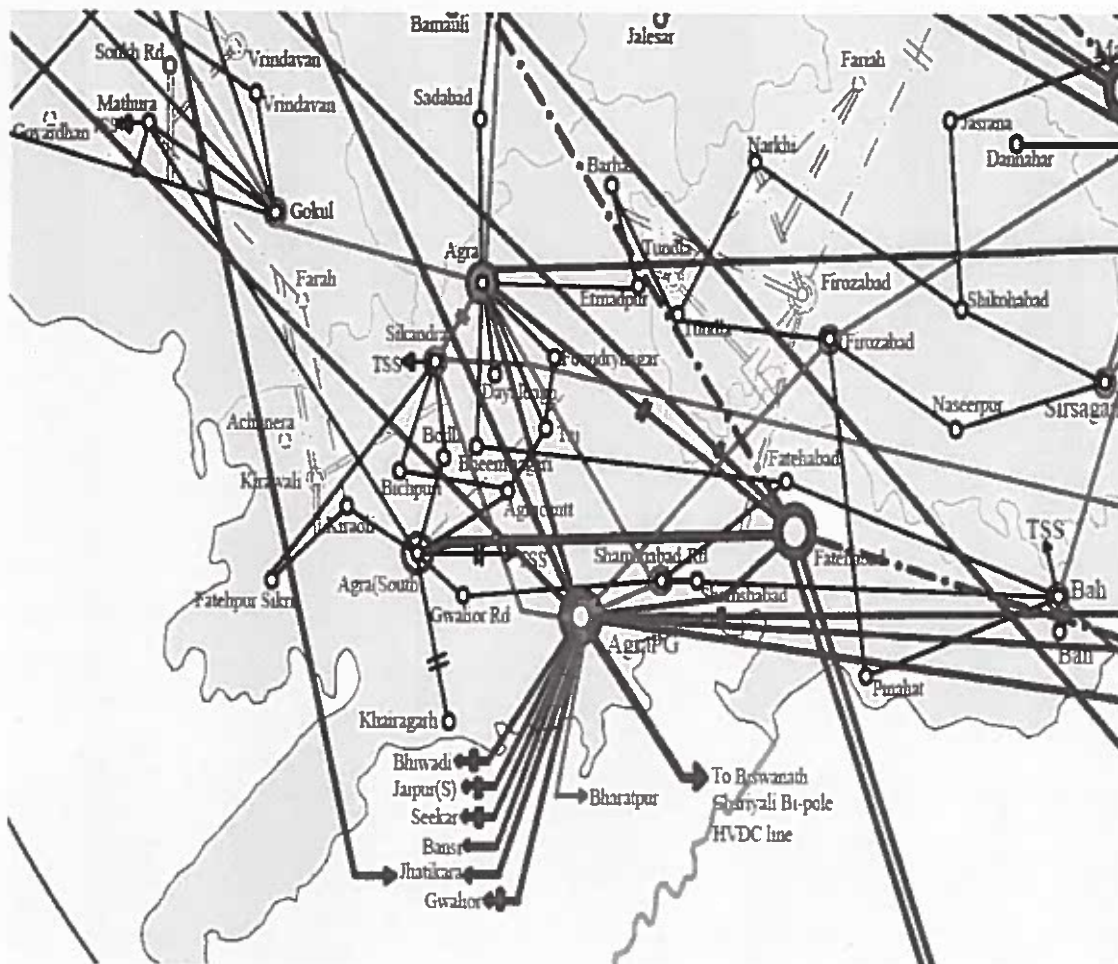
(निदेशक सिंह)

Construction of 132 KV substation Fatehpur Sikri, Agra and associated lines

Page 7
समय निर्देशक (निदेशक सिंह)
उपप्रमुख (निदेशक सिंह)

Annexure-3

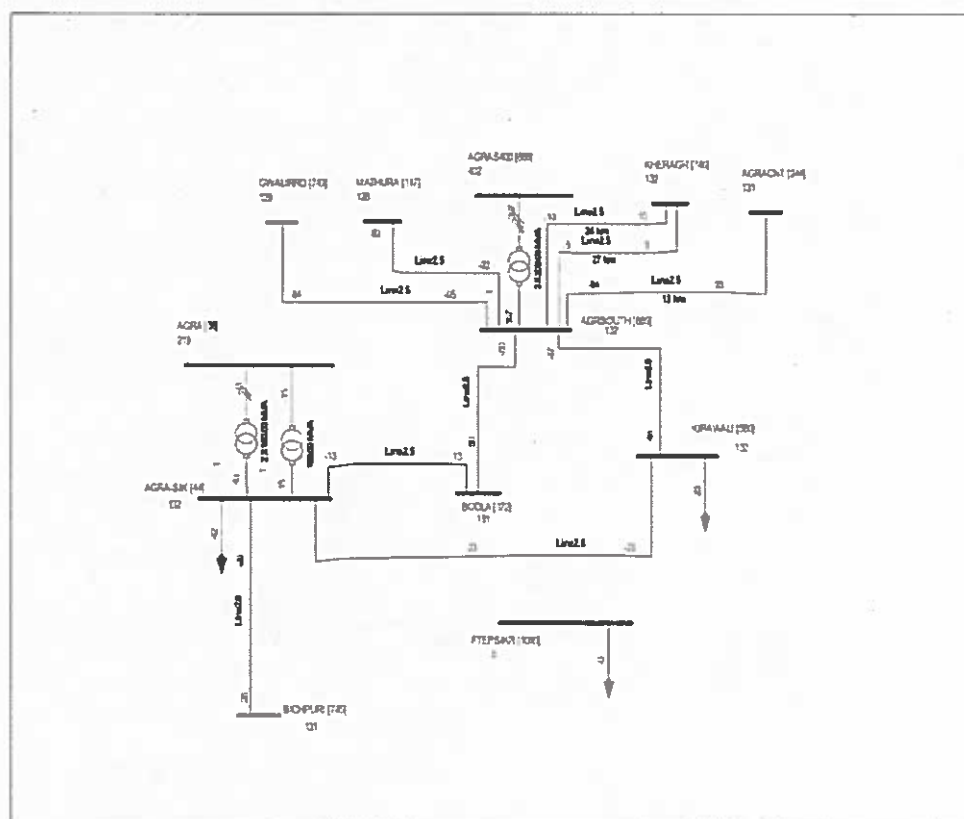
Geographical Map of existing primary Transmission Network in District Agra and its nearby area.



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अधीक्षक (निर्माण एवं वाणिज्य)
उ०प्र० पा० ट० का० लि०

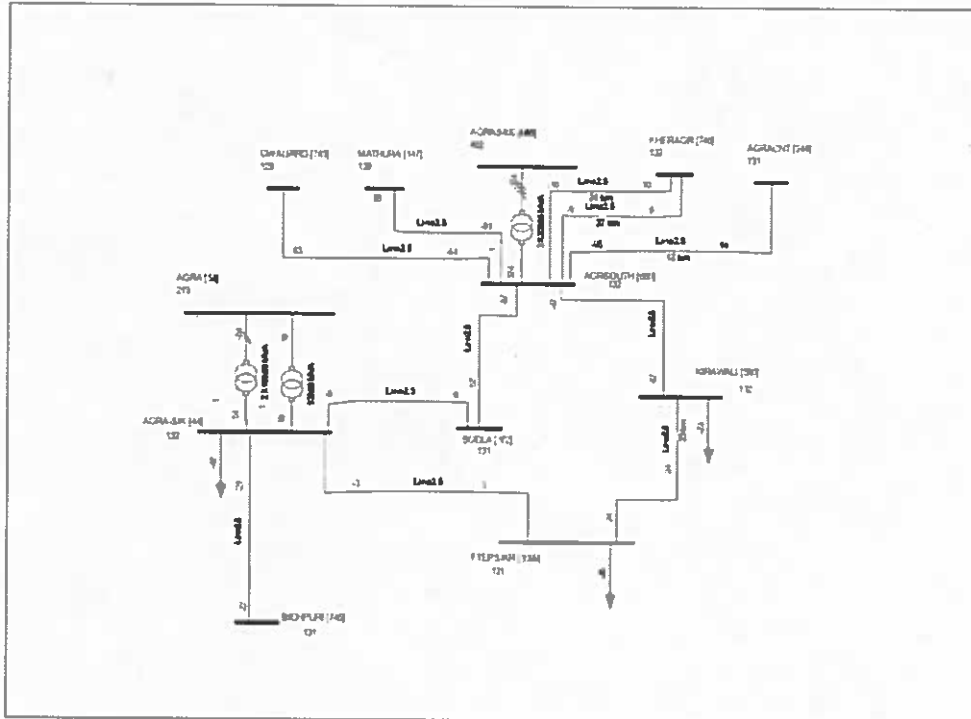
Load Flow Study without 132kV Fatehpursikri Substation **(System Load-22500 MW FY 2019-20)**



Amf

(निमोज सिंह)
अध्यक्ष अनियन्ता
सम्बद्ध निर्देशक (निसलन एवं याधिर्य)
७०२०५०६१००००

Load Flow Study with 132kV Fatehpursikri Substation
(System Load-22500 MW FY 2019-20)



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 (मोहम्मद रिज्ज) 20/01/20
 सम्बद्ध निदेशक (निर्माण एवं वणिज्य)
 उ०प्र०पा०ट्रा०का०जि०

Minutes of TWC Meeting

(फरपुर) उपकेन्द्र के निर्माण की आवश्यकता अनुभव की जा रही है। अतः समिति ने निम्नानुसार कार्य को अनुमोदित किया :-

- (I) 132/33 केवडी 2x40 एमवीए फतेहपुर (बारागंजी) उपकेन्द्र का निर्माण (खबत मेन, ट्रांसफर)
- (II) चारनाह (400) -बारागंजी कैंट 132केवडी डीपी लाइन के एक सर्किट का फतेहपुर 132केवडी उपकेन्द्र पर लीनो -10 किमी

अनुमानित व्यय ₹23.08 करोड़

6- 132/33 केवडी 2x40 एमवीए फतेहपुर सीकरी (आगरा) GIS उपकेन्द्र का निर्माण :-

उपरोक्त जगह में शैतिहरीय दृष्टि में गहनपूर्ण फतेहपुर सीकरी क्षेत्र में विद्युत गांव-गृह को अपूर्ण सुधार करने एवं निर्माण कर से निवृत्त अपूर्ण हेतु 132/33 केवडी फतेहपुर सीकरी उपकेन्द्र का निर्माण जल्दा प्रारंभ हुआ है। क्षेत्र के विद्युत भार एवं न्यूनतम के महत्व को देखते हुए समिति ने उपकेन्द्र का निर्माण कार्य को निम्नानुसार अनुमोदित किया :-

- (I) 132/33 केवडी 2x40 एमवीए फतेहपुर सीकरी (आगरा) GIS उपकेन्द्र का निर्माण
- (II) सिकंदरा (220) -किरावती 132केवडी एकपथ लाइन का फतेहपुर सीकरी उपकेन्द्र पर लीनो -22 किमी

अनुमानित व्यय ₹0 33.16 करोड़

(132 केवडी फतेहपुर सीकरी उपकेन्द्र पर 132 केवडी अतिरिक्त 'बे'-2 अक्ष का प्राविधान रखा जाये)

7- 132/33 केवडी 2x40 एमवीए फरह (मथुरा) GIS उपकेन्द्र का निर्माण :-

क्षेत्र दृष्टिकोण से वर्तमान में 132केवडी औरंगाबाद मथुरा में विद्युत भार दृष्टि एवं अतिरिक्त के दृष्टिकोण से विद्युत भारों को सुचारु बनाने एवं निर्माण करने से विद्युत अपूर्ण हेतु 132/33 केवडी फरह (मथुरा) उपकेन्द्र निर्माण से विद्युत उपकरणों में निरंतरता एवं वास्तविक के क्षेत्रों में विद्युत अपूर्ण को गुणवत्ता में सुधार होगा। अतः समिति ने उपकेन्द्र का निर्माण कार्य को निम्नानुसार अनुमोदित किया :-

- (I) 132/33 केवडी 2x40 एमवीए फरह (मथुरा) GIS उपकेन्द्र का निर्माण

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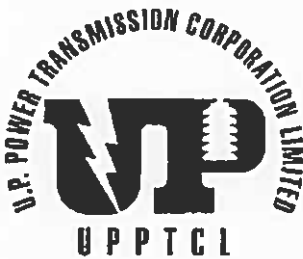
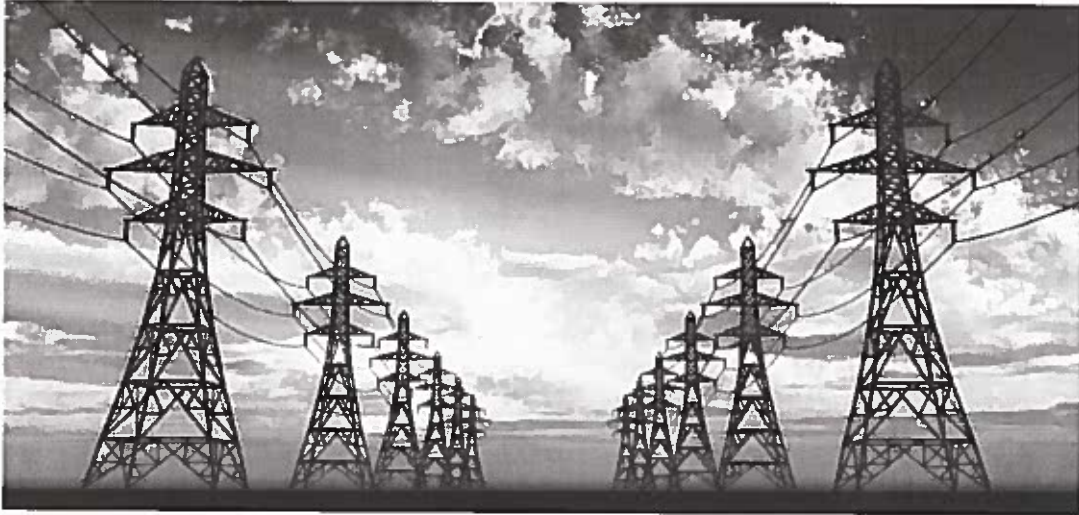
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(मनोहर सिंह)
अधीक्षक अभियन्ता
सम्बद्ध निदेशक (निर्माण एवं वाणिज्य)
उपप्रमुख, 02010का010

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 132/33 KV HASANGANJ SUBSTATION **DISTRICT-UNNAO**

COD 28.02.2020



PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED**

(मनोज सिंघ)
अधीक्षक अभियन्ता
सम्यक् निर्देशक (नियोजन एवं वाणिज्य)
उपप्रादेशिक कार्यालय

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	5
4. Project approval Status	5
5. Project Financial details	5
6. Project Benefit	6

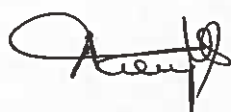
Existing transmission substation load pattern Annexure-1

Details of load transfer to 132kV Substation Annexure-2

Geographical Map Annexure-3

Load Flow Study
 (i) Load flow study without 132kV Hasanganj Annexure-4
 (ii) Load flow study with 132kV Hasaganj

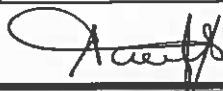
Minutes of TWC meeting Annexure-5




Format for Project Summary to be submitted along with DPR

1. Project Identification

i.	Name of the project/ scheme:	Construction of 2x40 MVA, 132/33kV Substation Hasanganj (Unnao) and associated lines.
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization. ix. Any other category.	Category – i, iv,& vi
iii.	Context behind conceiving the project :	To meet out the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP	EPC through open e-tender.
vii.	Date of Commercial operation	28.02.2020


Construction of 132/33kV Substation Hassanganj, Unnao and associated lines

2. Need and Justification:-

i.	Aims and Objectives of the proposed project:-	District Unnao is mainly known for medium and large scale industrialization. District Unnao consist of 765kV Unnao, 400kV Unnao, 220kV Dahichowki and 132kV Bangarmau, Sonik, Bighapur, Chakalwanshi, Kundan road, Murawan & Hasanganj S/s. Before construction of 132kV Hasanganj , power supply of Hasanganj tehsil was fed by 132kV Sonik substation which was overloaded and some 33/11kV substation are connected in series with single 33kV feeder which created low voltage and frequent breakdown problem. To overcome the above problem 132kv Hasanganj substation was planned. Presently 132kV Hasanganj is feeding following Discom S/s 33/11kV Hassanganj(Tehsil), Hasanganj(Rural) Nawabganj (Ajgain), Miyanganj & Mohan S/s . After construction of 132kV S/s Hassanganj, loading of 132kV Sonik is reduced and supply of Hasanganj area is improved.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4

3. Project Physical Details:-

Land requirement		Description
i.	District of the project	Unnao
ii.	Location of the project (with latitude and longitude of the location)	The substation would be located in Hasanganj District Unnao. Latitude : 26.778550 Longitude : 80.625903
iii.	Total land requirement (in hectares):	132kV Hasanganj is constructed on 1.796 hectare Departmental land at Hasanganj.

4. Project Approval Status -

Technical & Financial Approval	TWC	13 th meeting of 13 th Plan dated 31.07.2018 (Annexure-5)
	BOD	63 rd Meeting on dated 29.10.2018
	Appraisal & Evaluation Committee	23.08.2018
	ETF	-N/A-

5. Project Financial Details:-

(i) Project Cost:-

Sl.No.	Name Of Element	MVA / Km/No.	COST (In Cr.)
1	132/33kV Substation Hasanganj (Unnao) (Double Main, Transfer)	2x40 MVA	22.95
2	Stringing of 2 nd ckt 132 kV Sonik (Unnao)-Chakalwanshi (Unnao) line	29.5km	2.66
3	LILO of 2 nd ckt 132 kV Sonik -Chakalwanshi line at Hasanganj	2x22 km	14.77
4	132kV bay on 132 kV S/s Sonik & Chakalwanshi	02 no.	2.00
Total Cost			42.38

(मनोज सिंह)
अधीक्षक अभियन्ता
निदेशक (ग्रामीण एवं पंचायत विकास)
उपप्रभाग-1, 10/11/2018

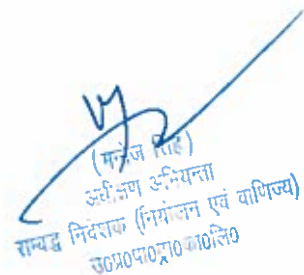
(ii) Sources of Financing (in %):-

Sl. No.	Source of Financing	Percentage
1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Rate of Interest of PFC/REC	10%
4	IRR	17.90% (Annexure-6)

6. Project Benefit:-

After construction of 132kV Hasanganj S/s-

- The overloading of 132kV Sonik s/s is reduced.
- Shifting of 33kV feeder of 132kV Sonik S/s to 132kV Hasanganj S/s which improved power supply of Hasanganj region.
- Due to reduction of 33kV feeder length from primary substation, voltage profile of Hasanganj area is improve.



(महेश सिंह)
अधीक्षण अभियन्ता
साम्बद्ध निर्देशक (निर्माण एवं वाणिज्य)
उपप्रादेशिक कार्यालय

Annexure-1**Existing nearby transmission sub-stations load pattern**

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station
765kV	Unnao	3x1000	1568MVA	Anpara-c
400kV	Unnao	3x315	733MVA	Unnao(765)
		3x160	433MVA	
220kV	Dahi Chowki	2x60	27MVA	Unnao(765)
132kV	Bangarmau	1x40+2x20	40MVA	Chakalwansi(132)
132kV	Bighapur	1x40+1x20	46MVA	Bachhrawan(220)via Sareni(132)
132kV	Chakalwanshi	2x40	32MVA	Sonik(132)
132kV	Morawan	2x40	77MVA	Sonik(132)
132kV	Unnao(Kundan Road)	2x63	81MVA	Lucknow Sarojani nagar(400)
132kV	Unnao(Sonik)	3x40	65MVA	Lucknow Sarojani nagar(400) via TRT (132)

Detail of 132kV Hasanganj S/s and its connecting line

Name of new 132kV S/s	Capacity of 132kV s/s	Peak load of new 132kV S/s	Name of source Substation	Name of connecting 132kV line to source substation
132kV Hasanganj	2X40MVA	75Amp	132kV Sonik(Unnao) S/s	132kV Sonik-Hasanganj line
				132kV Chakalwansi-Hasanganj line




 (मन्नाज सिंह)
 अधीक्षण अभियन्ता
 सम्यक् निदेशक (निर्माण एवं वाणिज्य)
 राजमार्ग विकास विभाग

Annexure-2

Details of Load to be transferred to proposed 132kV Hassanganj, Unnao S/s

APPROVAL OF ZONAL COMMITTEE FOR PROPOSED 2X40 MVA, 132/33 KV S/S HASSANGANJ, UNNAO

Capacity in MVA			VR	Name of associated line in case of new Sub-Station	Length of Ckt km & Conductor	Present expected load on 33 kV	Statistics of controlling load flow transferred to proposed new Sub-Station		Name of feeding Sub-Station with present load	Remarks
Name of S/s	Existing	Proposed					Existing S/S	Capacity		
1	2	3	4	5	6	7	8	9	10	11
132/33 KV S/S Hassanganj, Unnao	Nil	2X40 MVA	132/33 KV	132 KV Sonik-Chakalwarshi Hassanganj double circuit 110 KV line	22 km Pancher	65 MVA	33/11 KV Sub-station Hassanganj	1X10+1X5 MVA	132 KV S/S Sonik, Unnao	
							33/11 KV Sub-station Aurava	2X5 MVA	—do—	
							33/11 KV Sub-station Nawabganj (Ajgaon)	1X10+2X5 MVA	—do—	
							33/11 KV Sub-station Miyaganj	2X5 MVA	132 KV S/S Chakalwarshi, Unnao	
							33/11 KV Sub-station Mohan	1X5 MVA	132 KV S/S S.G.P.G.E. Lucknow	


Executive Engineer
(Trans.)

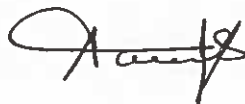

Superintending Engineer
(Dist.)


Superintending Engineer
(Trans.)


Chief Engineer (TC)
Lucknow

Details of 33kV substations presently feeding from 132kV Hasanganj Substation

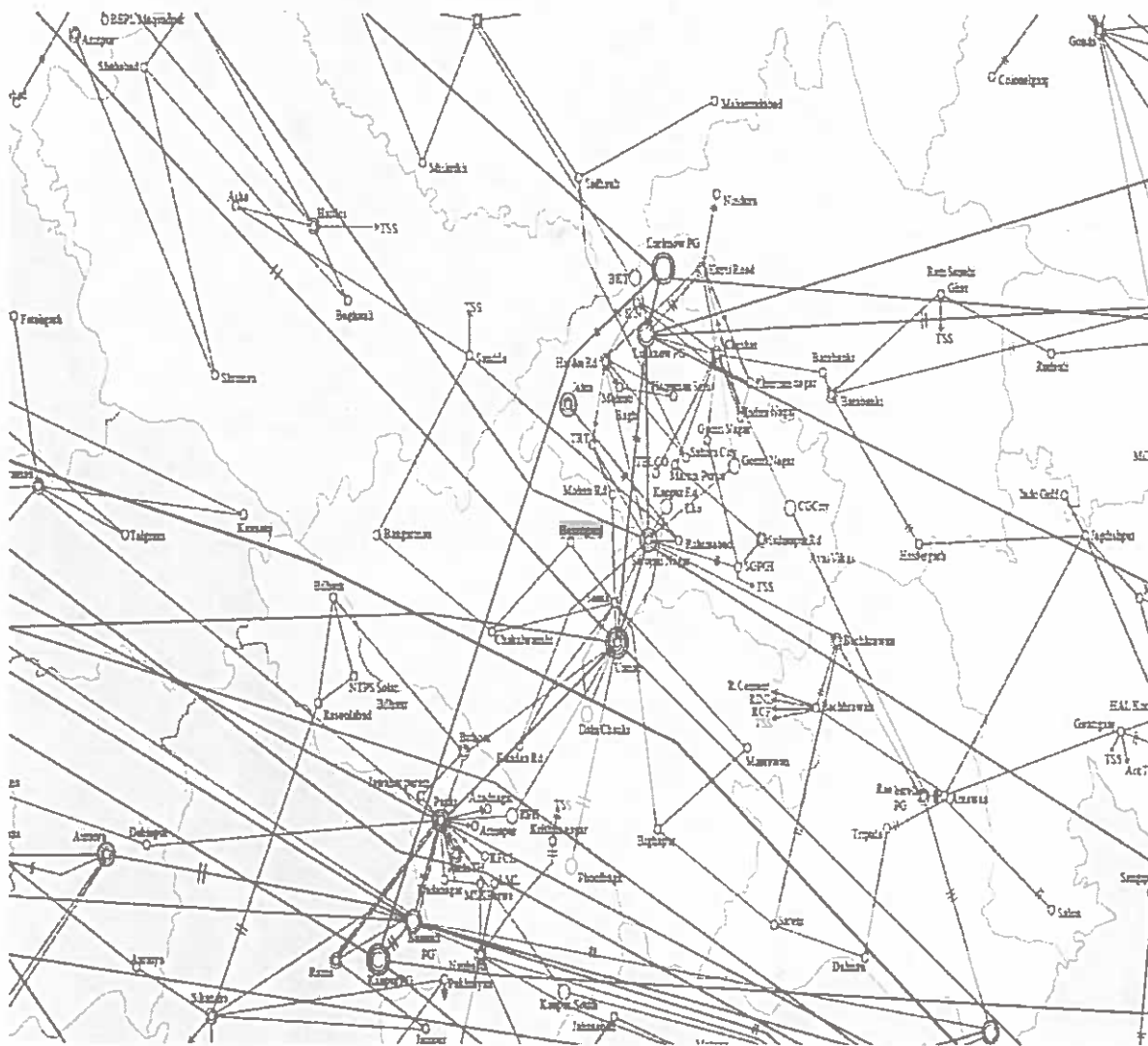
Primary New 132kV Sub-station	Capacity of 132kv S/s	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from New 132kV S/s
132kV Hasanganj	2X40MVA	33kV Hasanganj	2X5MVA	20km	0.5km
		33kV Hasanganj (rural)	1X5+1X10MVA	20km	0.5km
		33kV Nawabganj	2X5+1X10MVA	23km	2.5km
		33kV Mohan	1X5MVA	20km	7km
		33kV Miyaganj	20MVA	33km	10km




(निर्देशक)
अधीनस्थ अधिकारी
समय निर्देशक (निर्माण एवं वाणिज्य)
उपप्रमुख/प्रमुख/अधीनस्थ

Annexure-3

Geographical Map of existing primary Transmission Network in District Unnao and its nearby area.

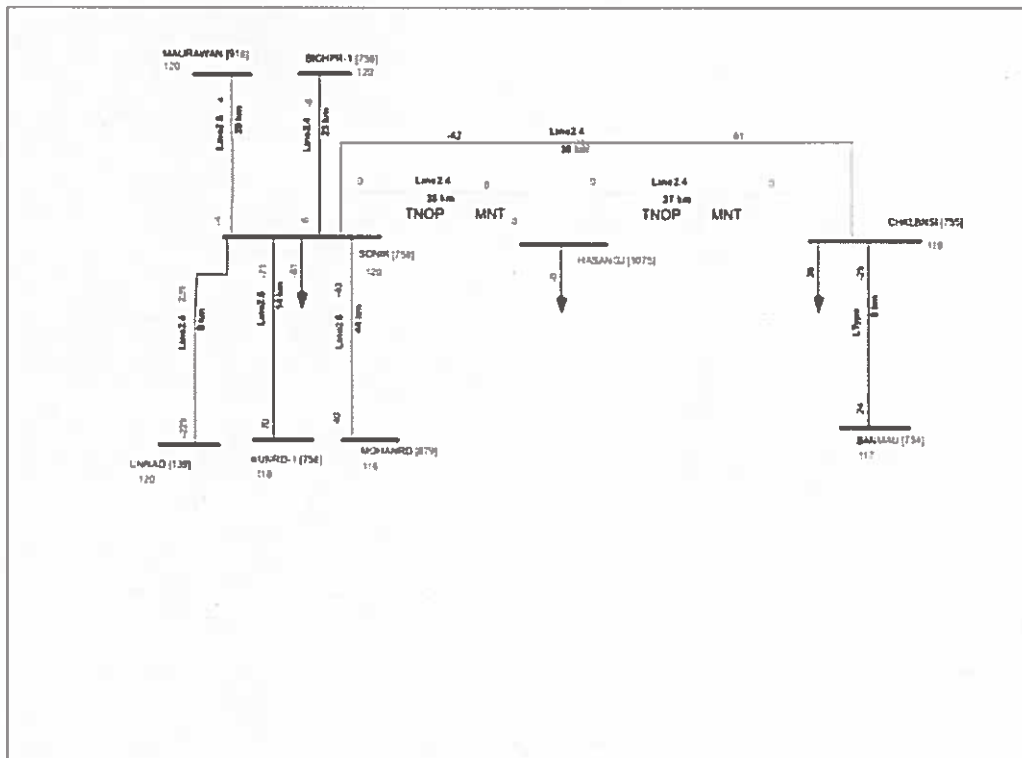


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(मोह सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Annexure-4

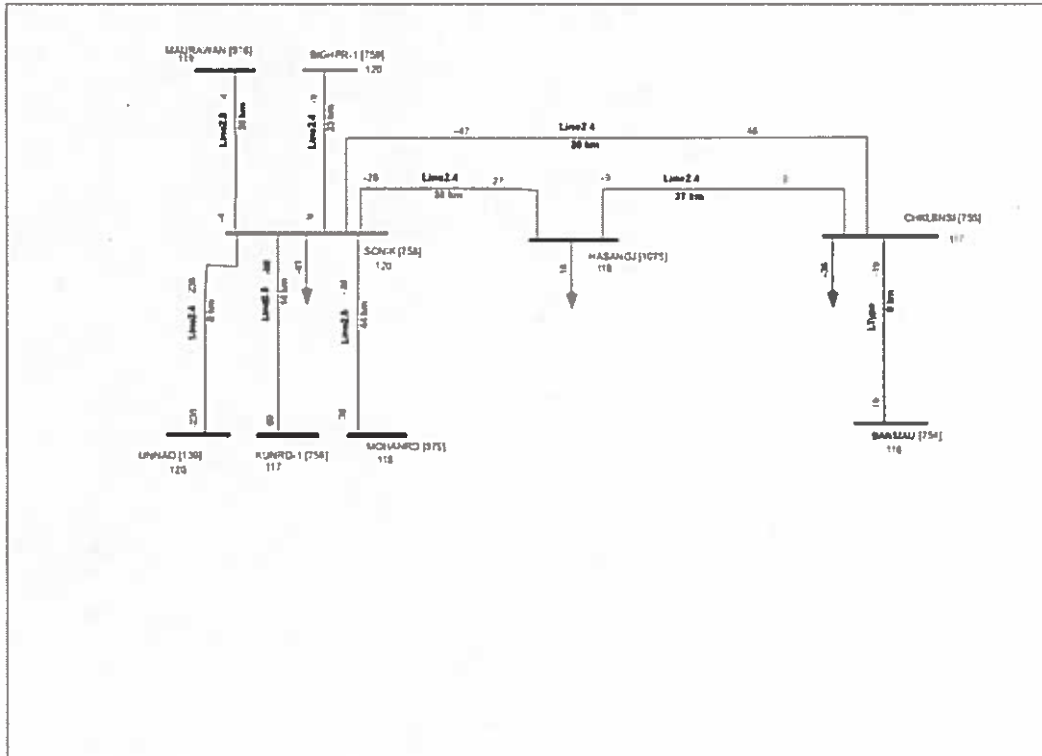
Load flow study without 132kV Hasanganj S/s (System Load-22500 MW FY 2019-20)



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(मनदी सिंह)
अधीक्षण अभियन्ता
समग्र निदेशक (निर्माण एवं वाणिज्य)
उपप्रमोदराजकोटि

Load flow study with 132kV Hasanganj S/s
(System Load-22500 MW FY 2019-20)



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 (निर्देशक)
 अतिरिक्त अभियन्ता
 सम्बद्ध निर्देशक (निर्माण एवं वाणिज्य)
 उ०प्र० न० ०८३० का० लि०

Minutes of TWC Meeting

- आनन्दनगर (महाराजगंज) 220 - दुलहीपार (संत कबीर नगर) 220 के 0वी 0 डी 0 सी 0 लाइन (Moose conductor पर) - 58 किमी 0 (आनन्दनगर, महाराजगंज उपकेन्द्रों के निर्माण सम्बन्धी पुनरीक्षित अनुमोदन के साथ आगणित की जायेगी)
- मेहदावल (संत कबीर नगर) - बस्ती (220) 132 के 0वी 0 ए स् 0 सी 0 लाइन का उपकेन्द्र दुलहीपार पर लीनो - 10 किमी 0
- दुलहीपार (220) - गीछा (गोपखपुर) 132 के 0वी 0 डी 0 सी 0 लाइन - 38 किमी 0
- 132 के 0वी 0 गीछा उपकेन्द्र पर 132 के 0वी 0 'बे' - 2 अदद (1 अदद सामान्य व 1 अदद हाइब्रिड)
- विस्तार हेतु 132 के 0वी 0 अतिरिक्त 'बे' का प्राविधान - 2 अदद

अनुमानित व्यय रु 119.88 करोड़

- 2- 220/132, 220/33 के 0वी 0, 2X160, 1X60 एम् 0 वी 0 ए 0 निरपुड़ा (बागपत) हाइब्रिड उपकेन्द्र का निर्माण कार्य :-

क्षेत्र सूचना अनुसार एन 0 सी 0 आर 0 क्षेत्र के जनपद बागपत में 132 के 0वी 0 निरपुड़ा उपकेन्द्र अवस्थित है। जनपद बागपत में 220 के 0वी 0 बढौत (बागपत) एवं बागपत उपकेन्द्रों से विद्युत आपूर्ति की जाती है। बढौत उपकेन्द्र एवं 132 के 0वी 0 लाइनें पूर्णभारित हो जाती हैं। क्षेत्र में बढ़ते विद्युत मांग के दृष्टिगत एक 220 के 0वी 0 उपकेन्द्र का निर्माण आवश्यक है। 132 के 0वी 0 उपकेन्द्र निरपुड़ा पर सीमित भूमि उपलब्ध है। इस सीमित भूमि पर हाइब्रिड उपकेन्द्र का निर्माण सम्भव है। क्षेत्र से निरपुड़ा 220/132, 220/33 के 0वी 0 हाइब्रिड उपकेन्द्र का प्रस्ताव प्राप्त हुआ है। प्रस्तावबुसार वर्तमान में 132 के 0वी 0 निरपुड़ा से 33 के 0वी 0 के 12 नग उपकेन्द्र गैडबरा, निरपुड़ा, टिकरी, फाहूब, बिजौरा, दाहा, रानवाट, बमौली, दोघाट, गंगनोली, भुसतम एवं संतनगर का आंशिक भार सीधे 220/33 नये उपकेन्द्र पर स्थानान्तरित किया जायेगा। अतः समिति ने उपकेन्द्र निर्माण कार्य निम्नानुसार अनुमोदित किया:-

- 220/132, 220/33 के 0वी 0, 2X160, 1X60 एम् 0 वी 0 ए 0 निरपुड़ा (बागपत) हाइब्रिड उपकेन्द्र का निर्माण
- बढौत 220 (बागपत) - शास्त्री 220 के 0वी 0 ए स् 0 सी 0 लाइन का निरपुड़ा (220) उपकेन्द्र पर लीनो - 15 किमी 0
- छपरीली (बागपत) - किरधल (बागपत) 132 के 0वी 0 ए स् 0 सी 0 लाइन का निरपुड़ा उपकेन्द्र पर लीनो - 20 किमी 0
- विस्तार हेतु 132 के 0वी 0 अतिरिक्त 'बे' - 2 अदद एवं 33 के 0वी 0 अतिरिक्त 'बे' - 4 अदद का प्राविधान रखा जायेगा।

अनुमानित व्यय रु 98.80 करोड़

- 3- 132/33 के 0वी 0 2X40 एम् 0 वी 0 ए 0 हसनगंज, उन्नाव उपकेन्द्र का निर्माण कार्य (डबल मेन, ट्रांसफर)

क्षेत्र से प्राप्त प्रस्ताव अनुसार वर्तमान में हसनगंज (जनपद-उन्नाव) कानपुर से समीप होने के कारण औद्योगिक विकास अत्यन्त तीव्र गति से हो रहा है। निकटवर्ती 132 के 0वी 0 उपकेन्द्र सोनिक एवं चकलवारी पर 33 के 0वी 0 'बे' उपलब्ध न होने एवं प्राथमिक उपकेन्द्र पर क्षमता न होने के कारण कई 33 के 0वी 0 उपकेन्द्र एकल लाइन से पोषित हैं। उपरोक्त अतिभारिता एवं विद्युत विकास के दृष्टिगत एक 132 के 0वी 0 उपकेन्द्र हसनगंज की आवश्यकता का

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(गुमन सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
हसनगंज उपकेन्द्र

प्रस्ताव प्राप्त हुआ है। प्रस्तावित 132 के०वी० उपकेन्द्र हसनगंज, उन्नाव के निर्माण पर्याप्त 33 के०वी० उपकेन्द्र नवाबगंज, हसनगंज, औरास, मियागंज एवं मोहान इस उपकेन्द्र से पोषित किये जायेंगे। यह उपकेन्द्र 33 के०वी० हसनगंज उपकेन्द्र के परिसर में निशुल्क उपलब्ध भूमि पर बनाया जायेगा। अतः समिति ने उपकेन्द्र निर्माण कार्य को निम्नानुसार अनुमोदित किया:-

- 132/33 के०वी० 2X40 एम०वी०एस० हसनगंज(उन्नाव) उपकेन्द्र का निर्माण कार्य (डबल मेन, ट्रांसफर)
- सोनिक(उन्नाव)-चकलवंशी(उन्नाव) 132 के०वी० डी०सी० टावर पर निर्मित एकल लाइन के द्वितीय सर्किट का स्ट्रिंगिंग कार्य- 29.5 किमी०।
- सोनिक(132)-चकलवंशी 132 के०वी० लाइन के द्वितीय सर्किट का हसनगंज उपकेन्द्र पर लोलो-22 किमी०
- 132 के०वी० सोनिक एवं चकलवंशी उपकेन्द्रों पर 132 के०वी० 'बे' का निर्माण- 02 अदद
- उपकेन्द्र पर 132 के०वी० अतिरिक्त 'बे'-2 अदद एवं 33 के०वी० अतिरिक्त 'बे'-4 अदद का प्राविधान रखा जायेगा।

अनुमानित व्यय रु० 37.15 करोड

4- 1X660 मेगावाट पनकी (कानपुर) तापीय परियोजना की ऊर्जा निकासी सम्बन्धी :-

क्षेत्र से प्राप्त प्रस्ताव अनुसार पनकी तापीय परियोजना पर 1X660 मेगावाट की नई परियोजना स्थापित होनी है, जिसकी ऊर्जा निकासी हेतु 400 के०वी० उपकेन्द्र पनकी पर प्रस्तावित है। केन्द्रीय विद्युत प्राधिकरण की 38वीं स्टेन्डिंग कमेटी की बैठक दिनांक 30.05.2016 में पनकी टी०पी०एस० की ऊर्जा निकासी का पारिषण तंत्र अनुमोदित है। अतः समिति ने ऊर्जा निकासी कार्य निम्नानुसार अनुमोदित किया :-

- पनकी (TPS)-पनकी 400 के०वी० डी०सी० लाइन - 1.5 किमी०
- 400 के०वी० फीडर 'बे' (डबल मेन, ट्रांसफर)- 1 अदद
- 400 के०वी० पनकी उपकेन्द्र पर 400 के०वी० फीडर 'बे' (लाइन रिएक्टर सहित, रिएक्टर उपकेन्द्र पर उपलब्ध है) - 1 अदद
- 400 के०वी० पनकी-उन्नाव लाइन का विस्थापन ('बे' संख्या 1 से 12)
- 400 के०वी० पनकी टी०पी०एस० पर 125 एम०वी०एस० बस रिएक्टर - 1 अदद (उत्पन्न राज्य विद्युत उत्पादन निगम द्वारा स्थापित किया जायेगा)

अनुमानित व्यय रु० 21.04 करोड

5- छाता(220)-मथुरा(11) 132 के०वी० एस०सी० लाइन का निर्माण कार्य :-

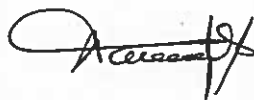
क्षेत्र से प्राप्त प्रस्ताव अनुसार वर्तमान में 132 के०वी० मथुरा(11) उपकेन्द्र 132 के०वी० एस०सी० लाइन गोकुल(220)- मथुरा(11) के माध्यम से पोषित किया जा रहा है। 132 के०वी० मथुरा-11 को सुचारु एवं गुणवत्तापूर्ण विद्युत आपूर्ति हेतु अतिरिक्त स्रोत की आवश्यकता है। 132 के०वी० मथुरा-11 को 220 के०वी० छाता

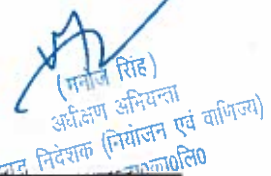
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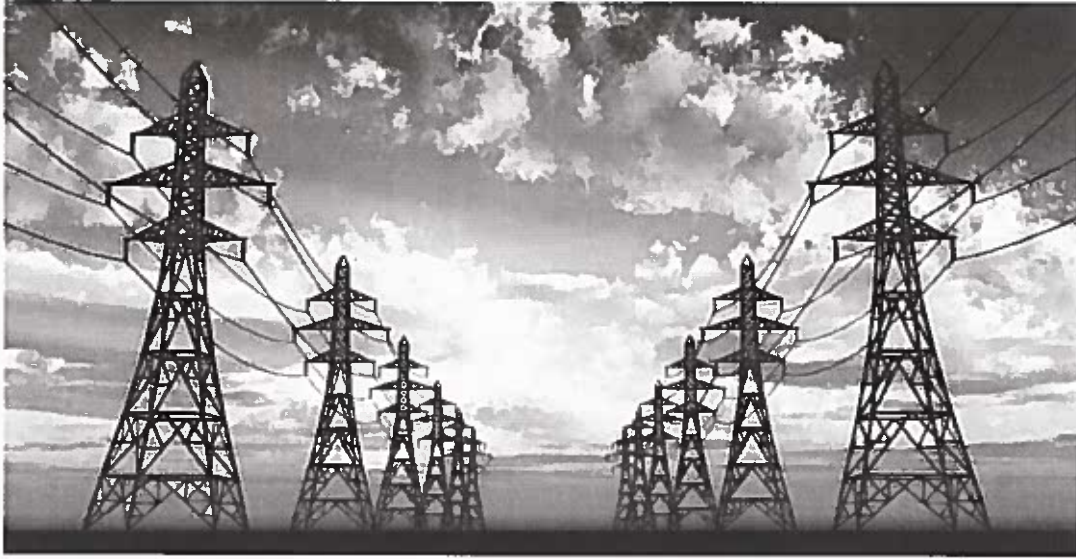



(मनोज सिंह)
अध्यक्ष अभियन्ता
निर्माण एवं वाणिज्य
निदेशक

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 132/33 KV KALWARI SUBSTATION **DISTRICT-BASTI**

COD 23.11.2019



PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED**

(मनोज कुमार)
अधीक्षक अभियन्ता
समग्र निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	5
4. Project approval status	5
4. Project Financial details	5
5. Project Benefit	6

Existing substation load pattern Annexure-1

Details of load transfer to 132kV Substation Annexure-2

Geographical Map Annexure-3

Load Flow Study
(i) Load flow study without 132kV Kalwari Annexure-4
(ii) Load flow study with 132kV Kalwari

Minutes of TWC meeting Annexure-5



Construction of 132/33kV Substation Kalwari, Basti and associated lines.

Page 2

निर्देशक (निर्माण एवं वाणिज्य)
सम्यक् निर्देशक (निर्माण एवं वाणिज्य)
उपप्रमुख (निर्माण एवं वाणिज्य)

Format for Project Summary to be submitted along with DPR

1. Project Identification

i.	Name of the project/ scheme:	Construction of 2x20 MVA, 132/33kV Substation Kalwari (Basti) and associated lines.
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization. ix. Any other category.	Category – i, iv, vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP:	EPC through open e-tender.
vii.	Date of commercial operation	23.11.2019

Construction of 132/33kV Substation Kalwari, Basti and associated lines.

Page 3

(मन्त्रालय)
अधीक्षण अतिरिक्त
सचिव निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख (नियोजन एवं वाणिज्य)

2. Need and Justification:-

i.	Objectives of the project:-	District Basti consist of 220kV Basti, & 132kV Harriya and Kalwari s/s. Before construction of 132kV Kalwari S/s supply of district Basti town and rural areas was being fed through 220kV Substation Basti (40+63)MVA. During peak load hours, capacity of 220kV Substation Basti was insufficient to meet out the connected load and load shedding being done to avoid over loading of installed transformer. connected load at 132kV level was 127 MVA. Which could not be feed by the installed capacity of transformer and length of some 33kV feeders was to long which occurs low voltage and frequent breakdown. It is also mentioned that space for bay construction was not available for 33kV s/s at 220kVs/s Basti. After construction of 132kV, Substation, Kalwari in district Basti overloading of 220kVSubstation Basti and 132kV Substation Harriya is reduced. Presently 132kV Kalwari feed the Discom S/S as- 33/11kV only Kalwari, Dubauliya s/s and proposed 33kV s/s as Nagarbazar, Bahadurpur, Kaptanganj s/s will be connected in future.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4

3. Project Physical Details:-

Land requirement		Description
i.	District of the project	Basti
ii.	Location of the project (with latitude and longitude of the	The substation is located in Kalwari, District Basti.

(मन्मज सिंह)
अधीक्षक अभियन्ता
समग्र निदेशक (निर्माण एवं वाणिज्य)
30/04/2020

	location)	Latitude :26.655994 Longitude :82.678067
iii.	Total land requirement (in hectares):	132kV Kalwari S/s is constructed on 0.93 hectare Gramsamaj Land at Kalwari.

4. Project Approval Status –

Technical & Financial Approval	TWC	5 th meeting of 13 th Plan dated 21.09.2017 (Annexure-5)
	BOD	Approved by Circular method on dated 26.09.2017
	Appraisal & Evaluation Committee	Approval on dated 04.10.2017
	ETF	-N/A-

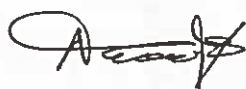
5. Project Financial Details:-

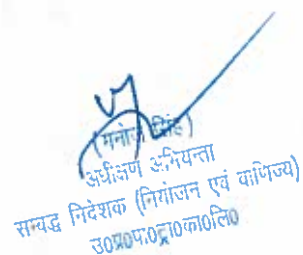
(i) Project Cost:-

Sl.no.	Name Of Element	MVA / Km/No.	COST (In Cr.)
1	132/33kV Substation Kalwari, Basti (Double Main, Transfer)	2x20 MVA	18.02
2	132 kV Basti(220)- Kalwari SC line on D/C tower	2x25 km	8.38
TOTAL			26.40

(ii) Sources of Financing (in %):-

Sl. no.	Source of Financing	Percentage
1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Rate of Interest of PFC/REC	10%
4	IRR	29.30% (Annexure-6)

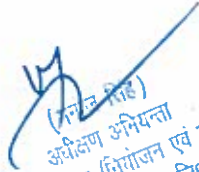



 (मनोहर सिंह)
 अधीक्षण अभियन्ता
 सम्यद निदेशक (नियोजन एवं वाणिज्य)
 30/09/2017 काठमाडौं

6. Project Benefit:-

After construction of 132kV Kalwari S/s-

- The overloading of 220/132kV Basti is reduced.
- Shifting of 33kV feeder of 220/132kV Basti S/s to 132kV Kalwari S/s which improved power supply of Basti region.
- Due to reduction of 33kV feeder length from primary substation, voltage profile of Kalwari area is improve.



(सत्यजित सिंह)
अधीक्षक अभियन्ता
सम्यक् निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र०पा०द०का०लि०

Annexure-1

Existing nearby transmission sub-stations load pattern in district Basti

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station
220kV	Basti	2x200	283MVA	Tanda (TPS)
		2x63	114MVA	
132kV	Harriya	1x63+1x40	74MVA	Basti (220)

Detail of 132kV Kalwari S/s and its connecting line

Name of new 132kV S/s	Capacity of 132kV s/s(MVA)	Peak load of 132kV S/s(in AMP)	Name of source Substation	Name of connecting 132kV line to source substation	Loading on connecting 132kV lines (in AMP)
132kV Kalwari	2x20MVA	45Amp.	220kv Basti	132kV Basti-Kalwari line	32Amp



(निरीक्षक)
क्षेत्रीय अभियन्ता
समग्र निरीक्षण (नियोजन एवं वाणिज्य)
उपप्रभाग-10-काशी

Annexure-2

Details of Load to be transferred to proposed 132kV Kalwari, Basti S/s

U.P. POWER TRANSMISSION CORPORATION LTD.

Distribution Zone: Basti
Transmission Zone: Allahabad
Proposal for primary Sub-station

A- Increasing/Decreasing capacity at existing Sub-station
B- Addition of new Sub-station
C- Deletion of already approved Sub-station

TP: Total provision approved (MVA)
AP: Additional proposal (Addition/Reduction)MVA
EC: Existing capacity(MVA)

Primary Sub-station

Secondary Sub-station (proposed to be connected with new Sub-station)

Name	V.R.	B.C.	T.P.	A.P.	Name	V.R.	E.C.	T.P.	A.P.	B.C.	Justification
1. 132KV S/S Kalwari (Basti)	132/33	-	2x20	-	1. 33KV Kalwari	33/11	2x3	-	2x(5-3)	-	New 132 KV S/S Kalwari is essentially required to meet out increasing load demand of rural areas due to 100% electrification. The existing primary S/S Basti which is at present (63+40)MVA against installed capacity 133 MVA of secondary S/S
					2. 33KV Nagar	33/11	1x5	-	-	-	
					3. 33KV Bahadurpur	33/11	1x5	-	-	-	
					4. 33KV Kudraha	33/11	1x5	-	-	-	
					5. 33KV Dubaulia	33/11	1x5	-	-	-	
					6. 33KV Kaptanganj	33/11	2x5	-	-	-	
					7. 33KV Eldengawa	33/11	1x5	-	-	-	
Total							41		04		

C.E. (T.E.)
ALLAHABAD

C.E. (DISTRIBUTION)
BASTI

S.E. (DISTRIBUTION)
ETC BASTI

S.E. (TRANSMISSION)
ETC GORAKHPUR

E.E. (TRANSMISSION)
ETD BASTI

Details of 33kV substations presently feeding from 132kV Kalwari Substation

Primary New 132kV Sub-station	Capacity of 132kV S/s	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from new 132kV S/s
132kV Kalwari	2x20MVA	Kalwari	2x5MVA	25km	0.05km
		Dubauliya	2x5MVA	36km	25km

Details of 33kV substations to be connected in future from 132kV Kalwari Substation

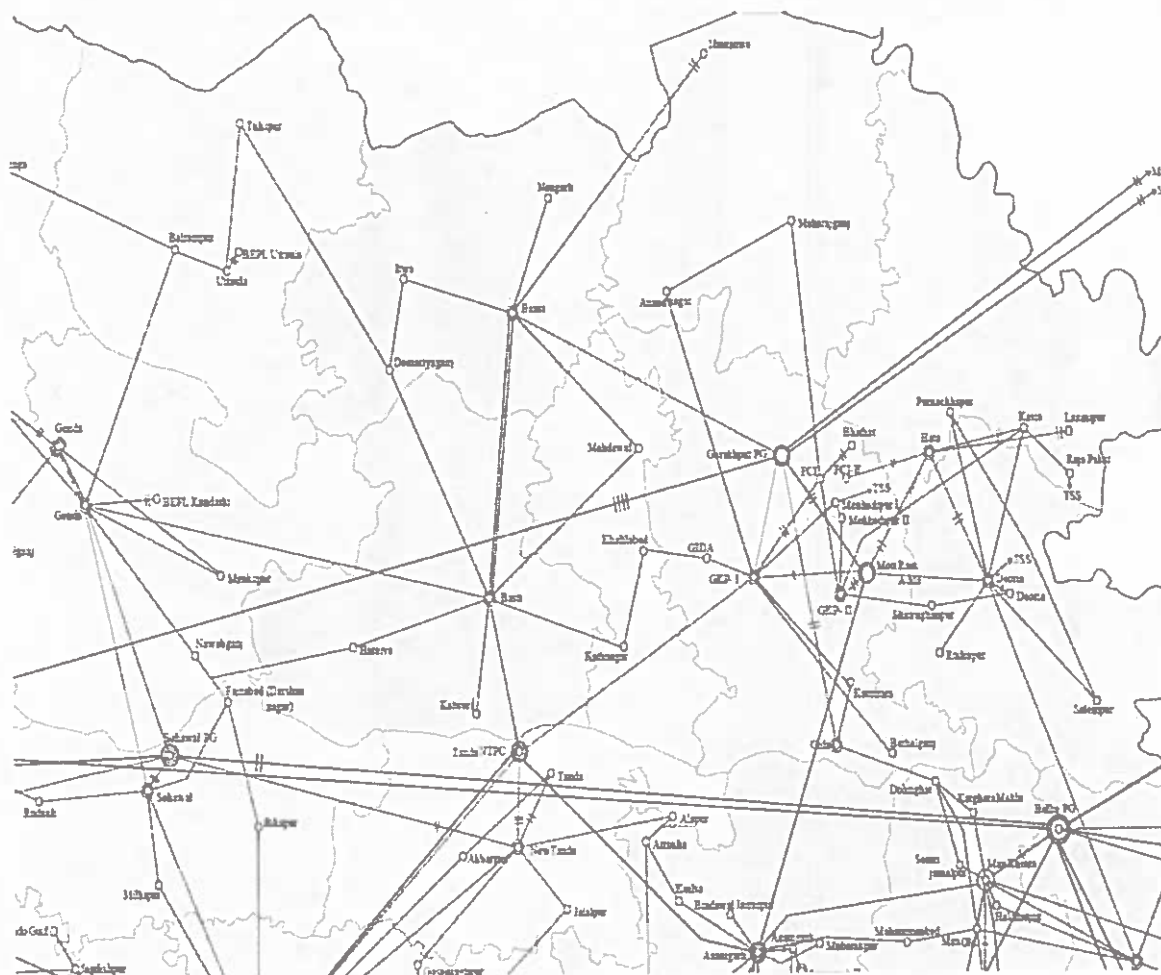
Primary New 132kV Sub-station	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from new 132kV S/s
132kV Kalwari	Bahadurpur	2x5MVA	15km.	10km.
	NagarBazar	2x5MVA	23km.	07km.
	Kaptanganj	2x5MVA	12km.	08km.

(Signature)

(मनोज सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (निर्माण एवं बांटाई)
उपप्रभाग 10 काशी

Annexure-3

Geographical Map of existing primary Transmission Network in District Basti and its nearby area.

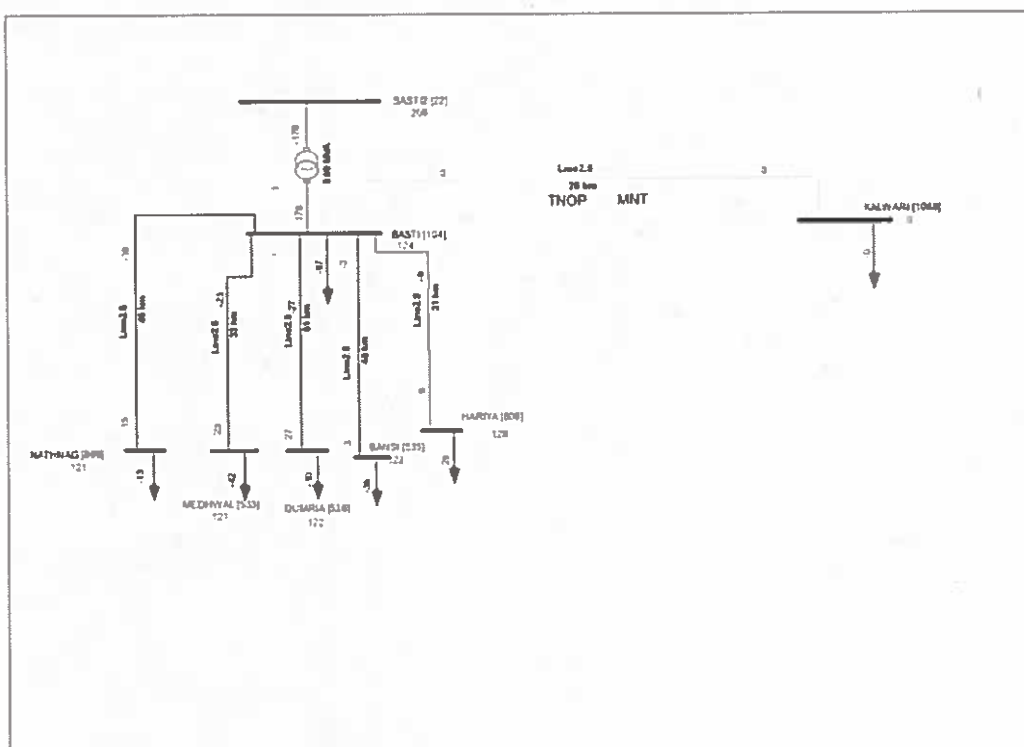


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 अच्युत सिंह
 सहायक निदेशक (निर्माण एवं वाणिज्य)
 30/07/2010 काठमांडू

Annexure-4

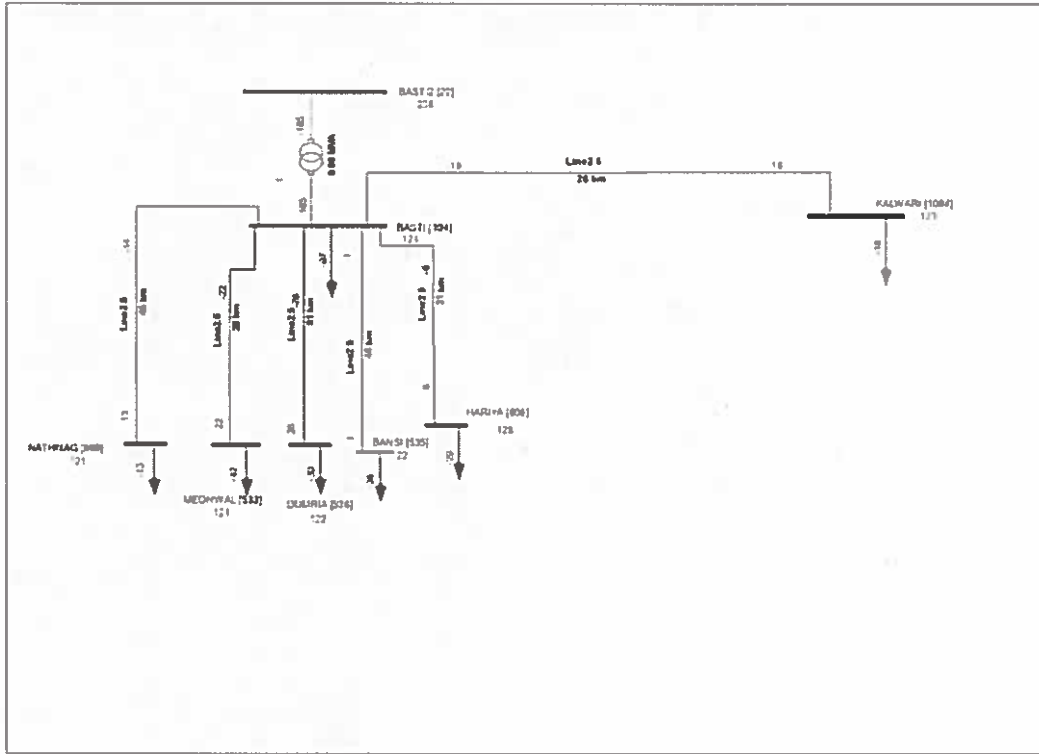
Load flow study without 132kV Kalwari Substation (System Load-22500 MW FY 2019-20)



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अधीक्षक अभियन्ता
समग्र विदेशक (निर्माण एवं वाणिज्य)
उपप्रमुख कार्यालय

Load flow study with proposed 132 kV Kalwari S/s
(System Load-22500 MW FY 2019-20)



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 अध्यक्ष (निर्देशक)
 सम्यक् निर्देशक (नियोजन एवं वाणिज्य)
 उद्योग विभाग

Minutes of TWC Meeting

400 के0वी0 बढावूँ उपकेन्द्र पर 400 के0वी0 अतिरिक्त फीडर 'बे' (13वें प्लान में नये उपकेन्द्रों से जोड़ने हेतु) - 2 अदद	400 के0वी0 बढावूँ उपकेन्द्र पर 400 के0वी0 अतिरिक्त फीडर 'बे' (13वें प्लान में नये उपकेन्द्रों से जोड़ने हेतु) - 2 अदद
अनुमानित व्यय रू0 418.02 करोड़	अनुमानित व्यय रू0 465.16 करोड़
	भूमि की लागत रू0 1.86 करोड़
	कुल अनुमानित लागत रू0 467.02 करोड़

4. 132/33 के0वी0 2X20, एम0वी0ए0 कलवारी (बस्ती) उपकेन्द्र का निर्माण कार्य :-

दिनांक 24.07.2015 को सम्पन्न 12वीं पंचवर्षीय योजना की 22वीं बैठक में रुदौली 132 के0वी0 उपकेन्द्र समिति ने निम्नानुसार स्वीकृत किया गया था क्षेत्र से प्राप्त पुनरीक्षित प्रस्ताव अनुसार 132 के0वी0 रुदौली(बस्ती) उपकेन्द्र के निर्माण हेतु भूमि उपलब्ध न होने के कारण बाधित है। क्षेत्र सूचनानुसार अन्य स्थल पर 33 के0वी0 उपकेन्द्र कलवारी पर 132 के0वी0 उपकेन्द्र के निर्माण हेतु पर्याप्त भूमि उपलब्ध है। अतः समिति ने रुदौली(बस्ती) उपकेन्द्र को निरस्त कर कलवारी(बस्ती) 132/33 के0वी0 उपकेन्द्र के निर्माण को निम्नानुसार अनुमोदित किया :-

12वें प्लान की 22वीं बैठक दिनांक 24.07.2015 को अनुमोदित	संशोधन उपरान्त अनुमोदित
132/33 के0वी0ए 2X20 एम0वी0ए0 रुदौली (बस्ती) उपकेन्द्र का निर्माण (डबल मेन, ट्रांसफर) - बस्ती(220)-बांसी 132 के0वी0 एस0सी0 लाइन का रुदौली उपकेन्द्र पर लीनो - 12 किमी0	132/33 के0वी0ए 2X20 एम0वी0ए0 कलवारी (बस्ती) उपकेन्द्र का निर्माण (डबल मेन) - बस्ती(220)-कलवारी 132 के0वी0 डी0सी0 टावर पर एस0सी0 लाइन- 25 किमी0
अनुमानित व्यय रू0 23.51 करोड़	अनुमानित व्यय रू0 26.34 करोड़

संशोधन उपरान्त अतिरिक्त व्यय रू0 2.83 करोड़

5. 220/132/33 के0वी0 1X160, 3X60 एम0वी0ए0 मधुबन बापूघाम (गाजियाबाद) उपकेन्द्र की संशोधित कनेक्टिविटी का निर्माण कार्य :-

11वें प्लान की 9वीं बैठक दिनांक 27.08.08 को स्वीकृत उपकेन्द्र के दिनांक 05.05.2015 को सम्पन्न 12वीं योजनाकाल की 35वीं बैठक में मधुबन (गाजियाबाद) 220 के0वी0 कनेक्टिविटी पुनरीक्षित कर अनुमोदित की गयी थी। ROW समस्या के कारण दिनांक 30.11.2016 को 12वीं योजनाकाल की 44वीं बैठक में Connectivity संशोधित

11

(गनपत सिंह)
असिष्ठ अभियन्ता
साम्बद्ध निर्देशक अभियान एवं वाणिज्य
10-का0रि0

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 132/33 KV SONKH ROAD **SUBSTATION** **DISTRICT-MATHURA**

C.O.D 22.11.2019



PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED**

Construction of 132 KV substation Sonkh Road, Mathura and associated lines

Page 1

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	4
4. Project Approval status	4
5. Project Financial details	5
6. Project Benefit	5
Existing nearby transmission substation load pattern	Annexure-1
Details of load transfer to 132kV Sonkh road Substation	Annexure-2
Geographical Map	Annexure-3
Load Flow Study	
(i) Load flow study without 132kV Sonkh road s/s	Annexure-4
(ii) Load flow study with 132kV Sonkh road s/s	
Minutes of TWC meeting	Annexure-5

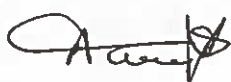


(सुनील सिंह)
अधीक्षक अभियन्ता
निर्देशन एवं वाणिज्य
30/08/2010

Format for Project Summary to be submitted along with DPR

1. Project Identification

i.	Name of the project/ scheme:	Construction of 132 KV substation Sonkh Road , Mathura and associated lines
ii.	Category of the project: Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization.	i,iv and vi
iii.	Name of the implementing agency:	UPPTCL
iv.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
v.	Nature of the proposal: New/ Modified	New
vi.	Name of the implementing agency	UPPTCL
vii.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP	EPC through open e- tender
viii.	Date of commercial operation	22.11.2019




 (अमज सिंह)
 अवीक्षण अभियन्ता
 संचालक निदेशक (निर्माण एवं वाणिज्य)

2. Need and Justification:-

i	Aims and objective of the Proposed Project:-	Sonkh Road and its adjoining areas situated near NH-2 was fed by 33 KV feeders emanating from 220 KV Gokul. The capacity of the 220kVGokul substation (2x160+2x63) was saturated to meet the fast growing load of the area. Further, the substation had space constraints regarding construction of additional 33 KV bays. In order to cater to the future load of the area, construction of the 132kV Sonkh substation was required.
ii	Geographical Map indicating proposed & Existing S/s in nearby area	Annexure-3
iii	Load Flow Study carried out with existing network and with proposed network	Annexure-4

3. Project Physical Details:-

Item	Description
District of the project	Mathura
Location of the project: (with latitude and longitude of the location)	The substation is located in District Mathura. Latitude : 27.4924134 Longitude : 77.673673
Total land requirement (in hectares):	5.0 hectare Gram samaj land at Sonkh Mathura.

4. Project Approval Status –

Technical & Financial Approval	TWC	8 th meeting of 13 th plan dated 05.02.2018(Annexure-)
	BOD	58(07) on dated 16.02.2018
	Appraisal & Evaluation Committee	19.02.2018
	ETF	-N/A-

Construction of 132 KV substation Sonkh Road, Mathura and associated lines Page 4



5. (i) Project Financial Details :

Sl.No.	NAME OF ELEMENT	MVA / Km	COST (Cr.)
1	132 KV Substation Sonkh Road	2X40	18.36
2	LILO of 132 KV Gokul (220) – Mathura-II line at 132 KV Sonkh Road	14 Km.	06.07
TOTAL			24.43

(ii)Source of Financing (in %):-

Sl.No.	Source of Financing	Percentage
1	State Government(Equity)	30%
2	Loan(Through PFC/REC)	70%
3	Rate of interst of PFC/REC	10%
4	IRR	31.82% (Annexure-6)

6. Project Benefit:-

- Overloading of 220/132/33kv Gokul s/s is reduced.
- Quality of supply in sonkh road area is improved.

(मनोज सिंह)
अधीक्षक अभियन्ता
साम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Annexure-1

Existing nearby transmission sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station
400kV	Manth ,Mathura	2x315	-	765kV Fatehabad(Agra)
220kV	Chhata	2x160	290	Manth Mathura(400)
		2x40	58	
220kV	Gokul(Mathura)	2x160	260	Math Mathura(400)
		2x63	93	
220kV	Manth	2x160	155	Manth Mathura(400)
		2x40	26	
132kV	Kosikalan	2x63	97	Chhata(220)
132kV	Manth	2x40	60	Gokul(220)
132kV	Mathura	2x63	108	Agra south(400)
132kV	Mathura-2	2x63	48	Gokul(220)
132kV	Sonkh Road	2x40	20	Gokul(220)
132kV	Vrindavan	2x63	116	Chhata(220)& Manth(220)

Details of 132kV Sonkh road S/s and its connecting line

Name of New 132kV S/s.	Capacity of 132kV S/s	Name of Source Substation	Name of connecting 132kV Line to source S/s	Loading on connecting 132kV lines (in Amp)
132kV S/s Sonkh Road	2x40MVA	220kV Gokul	132kV Gokul – Sonkh Road line	200 Amp
			132kV Sonkh road-Mathura-II line	190 Amp




 (मनोहर सिंह)
 अधीक्षण अभियन्ता
 सार्वजनिक निर्माण (नियोजन एवं वाणिज्य)
 उ०प्र०पा०म०वा०लि०

Annexure-2

Details of Load to be transferred to proposed 132kV Sonkh Road Mathura

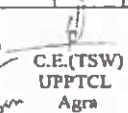
U.P. POWER TRANSMISSION CORPORATION LTD.											
Transmission Zone		Transmission South West, Agra									
Distt. Zone		Agra									
Name of Circle		Electricity Transmission Circle : Mathura									
Name of Plan/Project		13 th plan 2017-2018									
Name of Primary Sub station		220 KV S/S GOKUL (Mathura)									
(A) Increasing Capacity, (B) addition of new Sub-Station, (C) details of Already Approved S/S											
Keys : VR-Voltage, EC-existing Capacity, TP-Total Provision, AP-Additional Proposal											
S. No	Primary S/S Name of S/S	VR (KV)	EC (MVA)	AP (MVA)	TP (MVA)	Secondary S/S NAME OF S/S	VR (KV)	EC (MVA)	AP (MVA)	TP (MVA)	Remarks
1.	132 KV S/S Sonkh Road (Mathura) new	132/11	-	2x40	2x40	1. Sonkh 2. Ole 3. Jajam Patti 4. Salempur (Proposed) 1. Jai Guru Deo 2. Ranchi Bangar 3. Dhangaun	33/11 33/11 33/11 33/11 33/11 33/11 33/11	15 05 08 10 - - -	- - - - 10 10 10	15 05 08 10 10 10 10	
						Total		38	30	68	


 EE(T)
UPPTCL
Mathura


 EE(D)
DVVNL
Mathura


 SE(T)
UPPTCL
Mathura


 SE(D)
DVVNL
Mathura


 C.E.(TSW)
UPPTCL
Agra


 CE(D)
DVVNL
Agra

Details of 33kV Substations presently fed from 132kV Sonkh road Substation

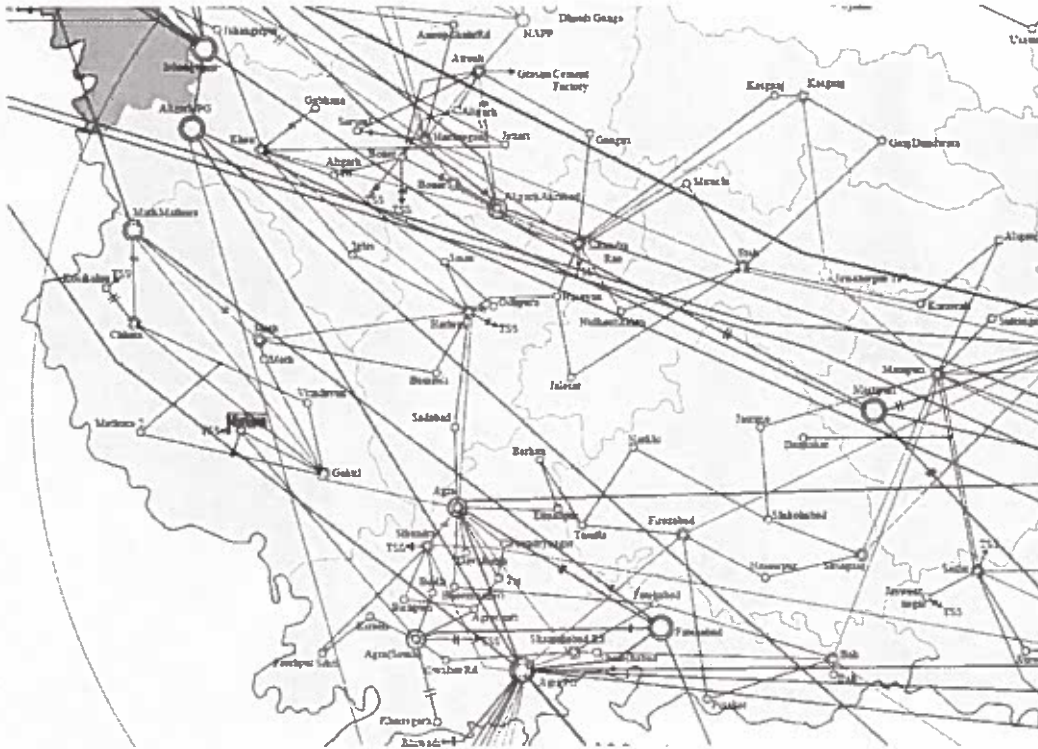
Primary New 132kV S/s.	Peak Load of 132kV S/s	Name of 33/11kV S/s	Capacity of 33/11kV S/s	Length of 33kV Feeder (Km.) from old 132kV S/s	Length of 33kV Feeder (Km.) from New 132kV S/s
132kV S/s Sonkh Road	10 Amp	33kV Lalpur	1x5 MVA	-	4.8Km.

Details of 33kV Substations to be connected in future from 132kV Sonkh road Substation

Primary New 132kV S/s.	Capacity of 132kV S/s	Name of 33/11kV S/s	Capacity of 33/11kV S/s	Length of 33kV Feeder (Km.) from old 132kV S/s	Length of 33kV Feeder (Km.) from New 132kV S/s
132kV S/s Sonkh Road	2x40MVA	Sonkh	15MVA	-	-
		Ole	5MVA	-	-
		Jajampatti	8MVA	-	-
		Salempur	8MVA	-	-
		Jai Gurudev	10MVA	-	-
		Ranchi Bangar	10MVA	-	-
		Dhangaun	10MVA	-	-

Annexure-3

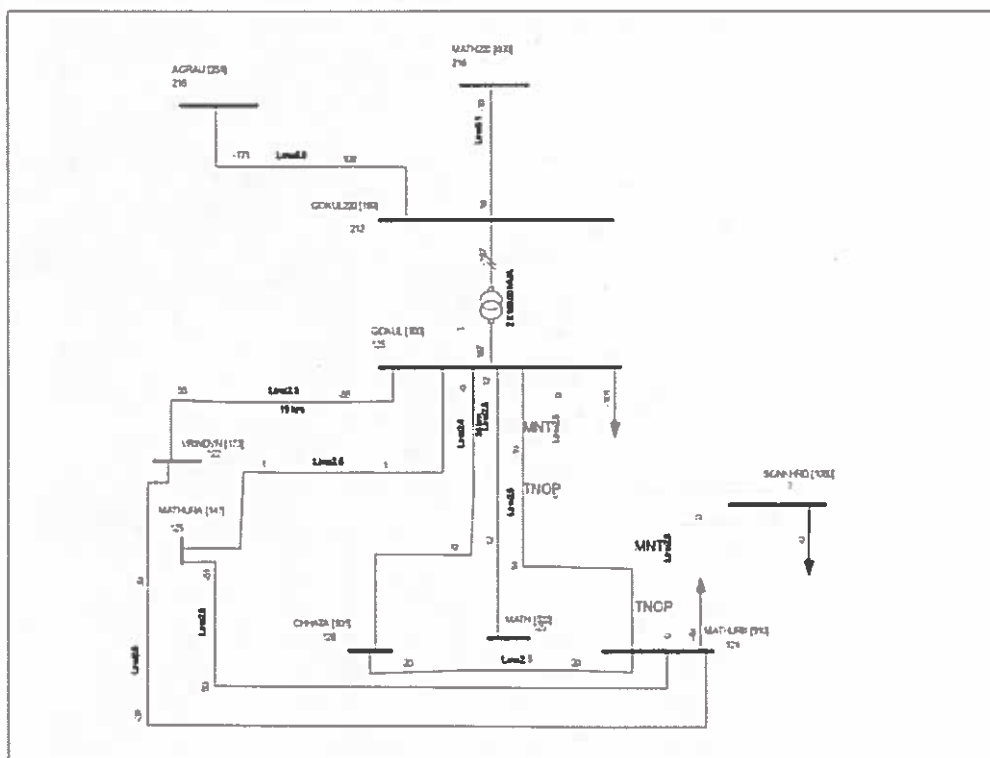
Geographical Map of existing primary Transmission Network in District Mathura and its nearby area.



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(मनीष सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० मा० द० का० वि०

Load flow study without 132kV Sonkh Road Mathura
(System Load-22500 MW FY 2019-20)



(मनोज सिंह)
अध्यक्ष अनियन्ता
सम्बद्ध निदेशक (निर्माण एवं वाणिज्य)
उपप्रधाना 10 जगदल

Load flow study with 132kV Sonkh Road, Mathura
(System Load-22500 MW FY 2019-20)



(गोपाल सिंह)
अध्यक्ष अभियन्ता
निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Minutes of TWC Meeting

- 2- 132/33 के0वी0 2X40 एम0वी0ए0 सौख रोड़ (मथुरा) उपकेन्द्र क निर्माण कार्य (डबल मेन, ट्रांसफर) :-

क्षेत्र से प्राप्त प्रस्ताव अनुसार वर्तमान में 220 के0वी0 गोकुल(मथुरा) उपकेन्द्र एवं 132 के0वी0 मथुरा-द्वितीय उपकेन्द्र पर 33 के0वी0 की नई 'बे' के निर्माण हेतु स्थान उपलब्ध नहीं है। नेशनल हाईवे के निकट सौख रोड़ के आरावास के क्षेत्र में तेजी से हो रही विद्युत भार में वृद्धि के दृष्टिगत सौख रोड़ उपकेन्द्र का निर्माण कार्य क्षेत्र द्वारा प्रस्तावित किया गया है। पूर्व में 13वीं योजनाकाल के अन्तर्गत बलदेव क्षेत्र में 132/33 के0वी0 उपकेन्द्र प्रस्तावित था परन्तु पर्याप्त भूमि उपलब्ध न हो पाने के कारण बलदेव उपकेन्द्र के स्थान पर सौख रोड़ उपकेन्द्र के निर्माण कार्य प्रस्तावित है। इस उपकेन्द्र के निर्माण हेतु ग्राम सभा की भूमि उपलब्ध होने की पूर्ण सम्भावना है। अतः समिति ने निम्नानुसार उपकेन्द्र निर्माण कार्य अनुमोदित किया:-

- 132/33 के0वी0 2X40 एम0वी0ए0 सौख रोड़ (मथुरा) उपकेन्द्र का निर्माण कार्य (डबल मेन, ट्रांसफर)
- गोकुल(220)-मथुरा-1। 132 के0वी0 एस0सी0 लाइन का सौख रोड़ उपकेन्द्र पर लीलो-14 किमी0

(उपरोक्त के फलस्वरूप पूर्व में 132/33 के0वी0 बलदेव उपकेन्द्र का प्रस्ताव निरस्त किया गया)

अनुमानित व्यय रू0 25.42 करोड़

- 3- 220/132/33 के0वी0, पीलीभीत उपकेन्द्र पर अतिरिक्त क्षमता 132/33 के0वी, 2X20 एम0वी0ए0 स्थापित करने हेतु निर्माण कार्य :-

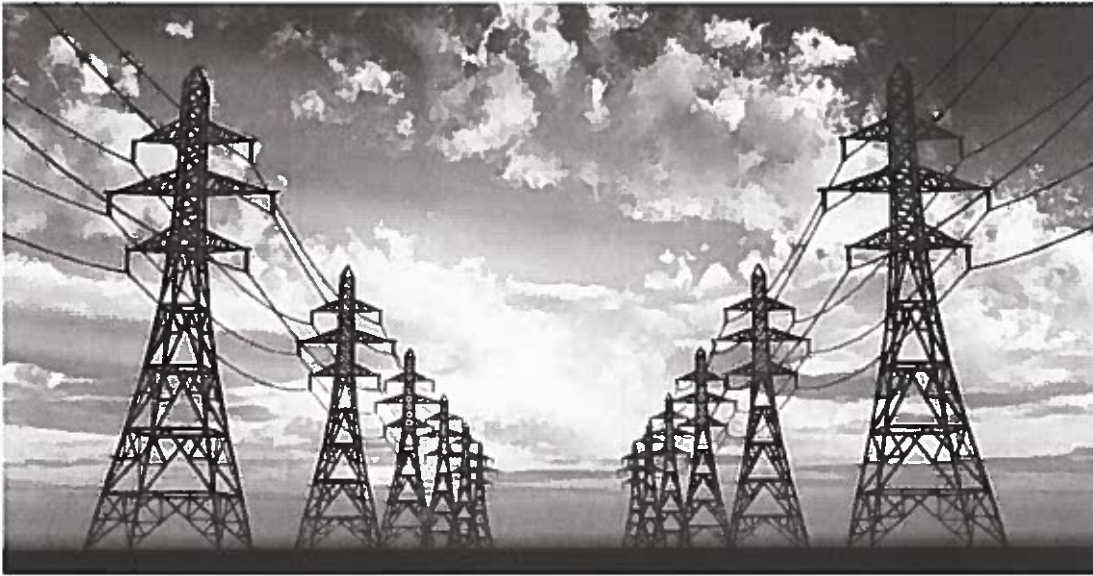
क्षेत्र से प्राप्त प्रस्ताव अनुसार वर्तमान में 220 के0वी0 उपकेन्द्र पीलीभीत के निकट काफी विद्युत भार विकसित है परन्तु उपकेन्द्र पर 33 के0वी0 फीडर 'बे' बनाने हेतु स्थान उपलब्ध नहीं है। वितरण खण्ड से अन्य 33 के0वी0 'बे' को 132 के0वी0 उपकेन्द्र पीलीभीत से संयोजित करने का प्रस्ताव प्राप्त हुआ है। पारिषद क्षेत्र के प्रस्ताव अनुसार 220 के0वी0 उपकेन्द्र पीलीभीत के परिसर में उपलब्ध स्थान पर 132/33 के0वी0 उपकेन्द्र का विस्तार कर निर्माण कराया जा सकता है। अतः समिति ने उपकेन्द्र निर्माण कार्य को निम्नानुसार अनुमोदित किया :-

- 220/132/33 के0वी0 उपकेन्द्र पर विस्तार कर 2X20 एम0वी0ए0 पीलीभीत उपकेन्द्र का निर्माण
- 220 के0वी0 उपकेन्द्र पीलीभीत पर 132 के0वी0 'बे' - 2 अदद

अनुमानित व्यय रू0 21.07 करोड़

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 132/33 KV BAGHRA SUBSTATION **DISTRICT-MUZAFFARNAGAR**



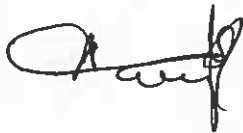
PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED**

(गुनार सिंह)
अधीक्षण अनियन्ता
सम्यक् निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	4
4. Project Approval Status	4
5. Project Financial details	5
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Existing substation load pattern	Annexure-1
Details of load transfer to 132kV Substation	Annexure-2
Geographical Map	Annexure-3
Load Flow Study	
(i)Load Flow study without 132kV Baghra	Annexure-4
(ii)Load Flow study with 132kV Baghra	
Minutes of TWC meeting	Annexure-5



(मनीष शिह)
अधीनस्थ अभियन्ता
समाप्त निदेशक (निर्माण एवं वाणिज्य)
उपप्रमुख, 07/06/20

Format for Project Summary to be submitted along with DPR

1. Project Identification

i.	Name of the project/ scheme:	Construction of 132KV substation Baghra, Muzaffarnagar and associated lines
ii.	Category of the project: - In order to meet the requirement of load growth. - Refurbishment and replacement of equipment. - Reduction in transmission losses. - Improvement of voltage profile. - Improvement in quality of supply. - System reliability. - Metering. - Communication and computerization - Any other category	i, iv & v
iii.	Name of the implementing agency:	UPPTCL
iv.	Context behind conceiving the project : (Announcement made by any minister, if any)	To cater the upcoming load and strengthen the existing transmission system.
v.	Nature of the proposal: New/ Modified	New
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP	EPC through open e-tender
vii.	Date of commercial operation	COD of 132kV Baghra substation-17.12.2019

2. Need and Justification

i.	Aims and objectives of the objectives of the proposed project	The area of Shahpur and Baghra in District Muzaffarnagar was fed by 132 KV Pura which was saturated and an accelerated load growth is anticipated nearby Muzaffarnagar – Shamli Road. The proposed substation at Baghra will relieve overloading of 132 KV Pura and would cater the future load of the area Baghra, District Muzaffarnagar and that of Muzaffarnagar – Shamli Road. Presently 132kV Baghra sub station is feeding power supply to following Discom S/s - 33kV Baghra, Karwada, Kutba, KheriDudaheri, LaddwaNasirpur, Mukundpur substation.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4

3. Project Physical Details:

i.	District of the Project	District Muzaffarnagar
ii.	Location of the Project(with latitude and longitude of the location)	The substation would be located in District Muzaffarnagar. Latitude : 29.4288666 Longitude : 77.2656388
iii.	Total land requirement	1.44 hectare land purchased from land owner at Baghra.

4. Project Approval Status:-

Technical & Financial Approval	TWC	9 th meeting of 13 th plan dated 05.04.2018(Annexure-5)
	BOD	60(04) on dated 09.04.2018
	Appraisal & Evaluation Committee	16.03.2018
	ETF	-N/A-

(मन्त्री साह)
अधीक्षक अभियन्ता
समृद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द्वा० का० लि०

5. Project Financial Details :-

(i) Project cost:

Sl. No.	Name Of Element	MVA / Km	Cost (Cr.)
1	132 KV Substation Baghra (Muzaffarnagar)	2x40	20.11
2	LILO of Nara (220)-Lalukheri 132kV SC line at Baghra	1 Km.	0.43
TOTAL			20.54

(ii) Source of Financing (in %):-

Sl.No.	Source of Financing	Percentage
1	State Government(Equity)	30%
2	Loan(Through PFC/REC)	70%
3	Rate of interst of PFC/REC	10%
4	IRR	38.08% (Annexure-6)

6. ProjectBenefit:-

- Overloading of 132kV Pura s/s is reduced
- Quality of power supply of Bagra region is improved.

Existing nearby 132kV transmission sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station
220kV	Jansath	1x160+1x100	95MVA	Muzaffarnagar(400)
		2x63	81MVA	
220kV	Nara	1x200+1x160	285MVA	765kvMataur(PG)
		2x63+1x40	147MVA	
132kV	Bhopa	2x40	53MVA	Muzaffarnagar(400) and Jansath(220)
132kV	Bhopa road	2x63	119MVA	Muzaffarnagar(400) and Nara(220)
132kV	Budhana	1x63+1x40	70MVA	Shamli(220)
132kV	Jhinjhana	2x40	68MVA	Shamli(220)
132kV	Jolly road	2x63	78MVA	Muzaffarnagar(400)
132kV	Kharad	2x40	53MVA	Shamli(220)
132kV	Khatauli	1x63+1x40	71MVA	Muzaffarnagar(400)
132kV	Lalukheri	2x63	50MVA	Shamli(220)
132kV	Pura	1x63+1x40	94MVA	Nara(220)
132kV	Purkazi	2x40	61MVA	Muzaffarnagar(400)

Detail of 132kV Baghra S/s and its connecting line

Name of New 132kV S/s	Capacity of 132kV S/s	Name of Source sub-station	Name of connection 132kV line to source sub-station	Loading on connecting 132kV lines (in AMP)
132kV Sub-station Baghra	2x40MVA	220kV Sub-station Nara	132kV Nara-Baghra	404 Amp
		132kV S/s Lalukheri	132kV Nara-Lalukheri Baghra	320 Amp

अधीक्षक अनियन्ता
सम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
उपप्रभारिता

Details of Load transferred to proposed 132kV Baghra S/s

T.P. POWER TRANSMISSION CORPORATION LTD.
TRANSMISSION ZONE-MERUT
PLAN-XII

ANNEXURE-1

PROPOSAL FOR CONSTRUCTION OF 132 KV SUB-STATION BAGHIRA MUZAFFARNAGAR

A. Increasing/Decreasing capacity at existing sub-station

B. Addition of New S/S-1x40 MVA 132/33 KV

C. Deletion of already approved S/S

VR: Voltage Ratio (KV/KV)

EC: Existing Capacity as on Approved (No. MVA)

TP: Total Provision already approved (No. x MVA)

AP: Additional Proposal (addition/reduction) over and above T.P. (No. x MVA)

Primary Sub-Station					Secondary Sub-Station					JUSTIFICATION	
Name of S/S	VR	EC	TP	AP	SL No.	Name of S/S	VR	EC	TP	AP	
132 KV S/S Baghra	132/33 KV	NIL	80	NIL	1	33 KV Baghra	33/11 KV	2x10	20	-	Proposed to be shifted from 132 KV Sub-station
					2	33 KV Jambh	33/11 KV	2x10	20	-	
					3	33 KV Daudhara	33/11 KV	1x5	10	5	
					4	33 KV Ladwa	33/11 KV	1x5	10	5	New Proposed Sub-station
					5	33 KV Karwada	33/11 KV	-	0	0	
					6	33 KV Kutba	33/11 KV	-	0	0	
						Total		50	70	20	

Remark:

1. Construction of new 132 KV sub-station at Baghra with the capacity of 2x40 MVA 132/33 KV is proposed for feeding 07 Nos. 33 KV Feeders proposed to be shifted from existing 132 KV S/S Ladakheri and to feed the newly proposed 33 KV feeders in the vicinity of Soda Tehsil

(A.K. Gupta)
Chief Engineer
(TWS) Merut

(A.K. Gupta)
Chief Engineer
Transmission Muzaffarnagar

(N.K. Sharma)
Superintending Engineer
EDC, Muzaffarnagar

(Ajay Chaudhary)
Superintending Engineer
ETC, Meerut

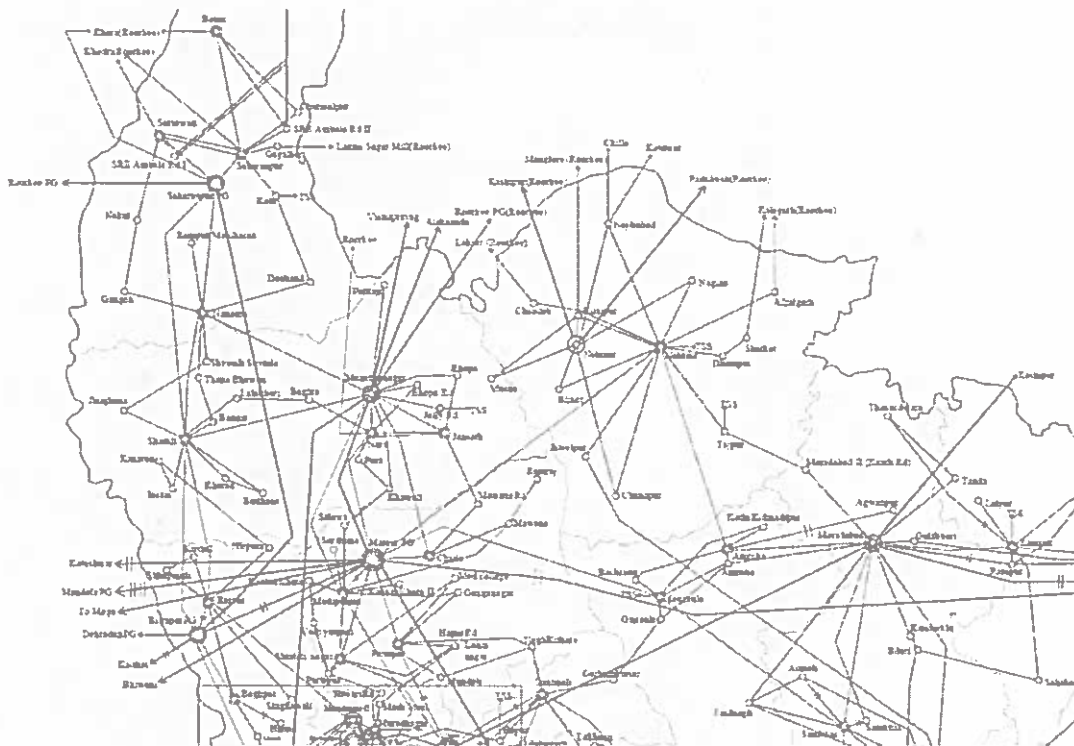
(A.K. Srivastava)
Executive Engineer
ETB, MZNR

Details of 33kV substations presently feeding from 132kV Baghra Substation

Primary New 132kV Sub-station	Peak load of 132kV Sub-station	Name of 33/11kV Sub-station	Capacity of 33/11kV Sub-station	Length of 33kV feeder (Km.) from old 132kV Sub-station	Length of 33kV feeder (Km.) from New 132kV S/s
132kV Sub-station Baghra	174Amp	Baghra	2x10	14.0	4.0
		Mukundpur	2x5	6.0	3.5
		Ladwa Nasirpur	2x5	5.0	8.5
		Karwada	2x5	17.0	9.5
		Kutba	10+5	14.0	8.0
		Kheri Dudahehi	2x5	14.0	9.0

Annexure-3

Geographical Map of existing primary Transmission Network in District Muzaffarnagar and its nearby area.

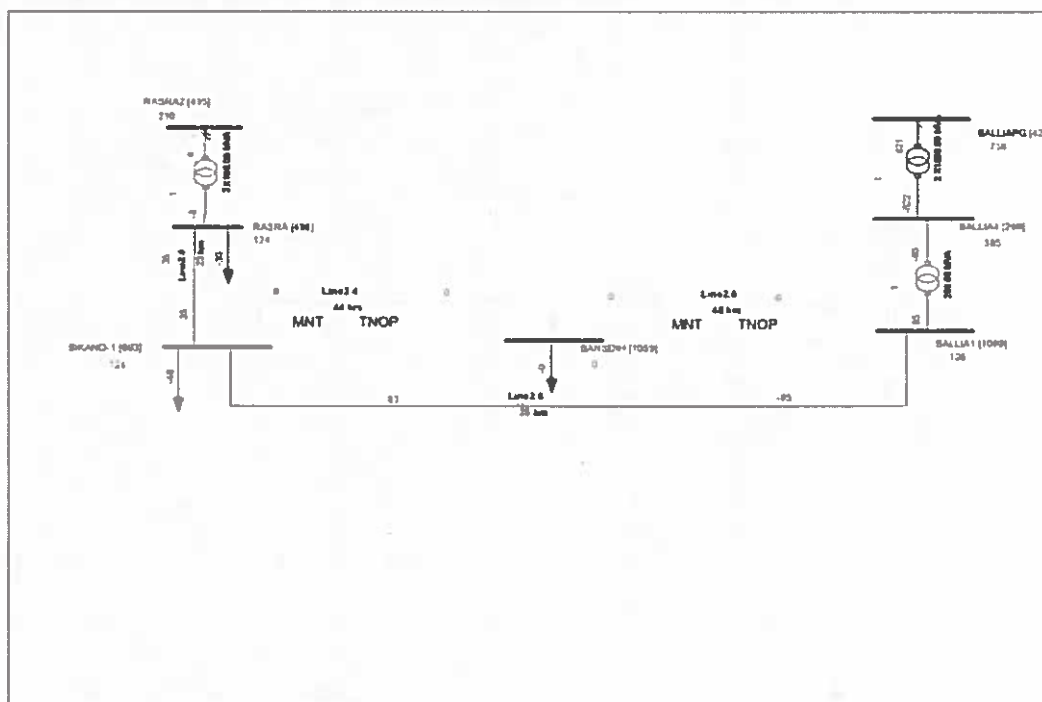


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 अधीक्षण अभियन्ता
 सम्यक् निदेशक (निर्माण एवं यागिज्य)
 30/08/2010

Annexure-4

Load Flow Study without 132kV Baghra S/s (System Load-22500 MW FY 2019-20)



(Signature)

(Signature)
अधीक्षक अभियन्ता
समय निर्देशक (निर्माण एवं वाणिज्य)
उपप्रमुख (निर्माण एवं वाणिज्य)

Minutes of TWC Meeting

	(स्विचयार्ड के कार्य, जर्जर मवन हटाने के, पुर्ननिर्माण आदि सिविल कार्यों को सम्मिलित करते हुए)
(ii) वठरा, वाराणसी PG (765)-बिहार शरीफ (बिहार) 400 के0वी0 Quad द्विपथ लाइनों (ISTS) का साहपुरी, चन्दौली (400 के0वी0) उपकेन्द्र पर लीलो (Quad moose पर) - 30 किमी0	(ii) वठरा, वाराणसी PG (765)-बिहार शरीफ (बिहार) 400 के0वी0 Quad द्विपथ लाइनों (ISTS) का साहपुरी, चन्दौली (400 के0वी0) उपकेन्द्र पर लीलो (Quad moose पर) - 30 किमी0
(iii) साहपुरी (400)-साहपुरी (220) 220 के0वी0 द्विपथ लाइन इम्प्टर कनेक्टर लाइन (प्रत्येक ckt Twin moose पर) - 0.5 किमी0	(iii) साहपुरी 220 के0वी0 उपकेन्द्र के 220 के0वी0 बस बार का 400/220 के0वी0 जी0आई0एस0 के 220 के0वी0 बस बार तक केबिल (1200 sqmm copper) द्वारा विस्तार- 2x0.7 सर्किट किमी0
	(iv) साहपुरी-मेलपुर 220 के0वी0 द्विपथ का विपथन 400/220 के0वी0 जी0आई0एस0 के 220 के0वी0 से केबिल द्वारा (630 sqmm copper केबिल) - 2x0.7 सर्किट किमी0
(iv) साहपुरी (220) उपकेन्द्र पर 220 के0वी0 'बे' का निर्माण - 2 अदद	निरस्त किया गया।
अनुमानित व्यय रू0 419.50 करोड़	अनुमानित व्यय रू0 449.84 करोड़

संशोधन उपरान्त अतिरिक्त अनुमानित व्यय रू0 30.34 करोड़

132/33 के0वी0, 2x40 एम0वी0ए0 बाघरा (मुजफ्फरनगर) उपकेन्द्र का निर्माण कार्य :-

पारेषण कार्य अनुमोदन समिति की दिनांक 29.08.2014 को सम्पन्न 12वीं योजनाकाल की 14वीं बैठक में बाघरा (मुजफ्फरनगर) उपकेन्द्र का निर्माण एवं कनेक्टिविटी अनुमोदित की गयी थी। क्षेत्र से प्राप्त प्रस्ताव अनुसार चिन्हित भूमि पर उपकेन्द्र का निर्माण सम्भव न होने के कारण उपकेन्द्र का निर्माण अन्यत्र करना पड़ा जिसके कारण लाइन का लीलो परिवर्तित करना आवश्यक है। अतः समिति ने निम्नानुसार अनुमोदित किया:-

समिति की 12वीं योजनाकाल की 14वीं बैठक दिनांक 29.08.2014 में अनुमोदित प्रस्ताव का विवरण	अनुमोदन हेतु संशोधित प्रस्ताव का विवरण
132/33 के0वी0, 2x40 एम0वी0ए0 बाघरा (मुजफ्फरनगर) उपकेन्द्र का निर्माण (डबल मेन, ट्रांसफर)	132/33 के0वी0, 2x40 एम0वी0ए0 बाघरा (मुजफ्फरनगर) उपकेन्द्र का निर्माण (डबल मेन, ट्रांसफर)
बदाईकला (मुजफ्फरनगर) 220-बाघरा 132 के0वी0 डी0सी0 लाइन-15 किमी0	बदाईकला (मुजफ्फरनगर) 220-बाघरा 132 के0वी0 डी0सी0 लाइन-15 किमी0 (बदाईकला उपकेन्द्र निर्माण के उपरान्त ही लाइन आवंटन)

	नारा(मुजफ्फरनगर) 220-लालूखेड़ी 132 के0वी0 एस0सी0 लाइन बाघरा उपकेन्द्र पर लीलो -01 किमी0 (वैकल्पिक स्रोत हेतु)
अनुमानित व्यय ₹0 26.62 करोड़	अनुमानित व्यय ₹0 27.05 करोड़

संशोधन उपरान्त अतिरिक्त अनुमानित व्यय ₹0 0.43 करोड़

- 4- 220/132, 220/33 के0वी0 2x160, 2x40 एम0वी0ए0 रूखी (बुलन्दशहर) उपकेन्द्र का निर्माण कार्य:-
पारेषण कार्य अनुमोदन समिति की दिनांक 05.05.2016 को सम्पन्न 11वीं पंचवर्षीय योजना की 35वीं बैठक में 220 के0वी0 उपकेन्द्र रूखी स्वीकृत किया गया था। क्षेत्र से प्राप्त सूचना अनुसार उपकेन्द्र निर्माण हेतु भूमि उपलब्ध न होने के कारण निर्माण कार्य नहीं हो सका। प्रस्तावित उपकेन्द्र के निर्माण हेतु ग्राम रूखी में ग्रामसभा की भूमि निशुल्क उपलब्ध हो गयी है। पूर्व में प्रस्तावित उपकेन्द्र के निर्माण हेतु प्रस्तावित स्थान पर भूमि उपलब्ध न होने के फलस्वरूप उपकेन्द्र को संयोजित करने वाली लाइनों में भी परिवर्तन किया गया है तथा पूर्व अनुमोदन में WUPPTCL उपकेन्द्र पर 220 के0वी0 'बे' -2 नग एवं बी0बी0 नगर उपकेन्द्र पर 132 के0वी0 'बे'-2 नग अपुष्ट सूचना के कारण सम्मिलित नहीं किये गये थे, परन्तु 'बे' हेतु स्थान उपलब्ध है। अतः समिति ने निम्नानुसार अनुमोदित किया:-

समिति की 12वीं योजनाकाल की 35वीं बैठक दिनांक 05.05.2016 में अनुमोदित प्रस्ताव का विवरण	अनुमोदन हेतु संशोधित प्रस्ताव का विवरण
220/132, 220/33 के0वी0 2x160, 2x60 एम0वी0ए0 रूखी उपकेन्द्र का निर्माण(डबल मेन, ट्रांसफर)	220/132, 220/33 के0वी0 2x160, 2x60 एम0वी0ए0 रूखी उपकेन्द्र का निर्माण(डबल मेन, ट्रांसफर)
सिकन्दराबाद(400)-रूखी 220 के0वी0 डी0सी0 लाइन-40 किमी0	सिकन्दराबाद(400) WUPPTCL-रूखी 220 के0वी0 डी0सी0 लाइन-58.255 किमी0
हरदुआगंज-जहाँगीराबाद 220 के0वी0 डी0सी0 लाइन के एक सर्किट का रूखी उपकेन्द्र पर लीलो - 25 किमी0	हरदुआगंज-जहाँगीराबाद 220 के0वी0 डी0सी0 लाइन के एक सर्किट का रूखी उपकेन्द्र पर लीलो - 34.862 किमी0
सियाना-लखावटी 132 के0वी0 एस0सी0 लाइन का रूखी उपकेन्द्र पर लीलो-18 किमी0	सियाना-लखावटी 132 के0वी0 एस0सी0 लाइन का रूखी उपकेन्द्र पर लीलो-15.970 किमी0
132 के0वी0 रूखी-बी0बी0 नगर डी0सी0 लाइन-25 किमी0	132 के0वी0 रूखी-बी0बी0 नगर डी0सी0 लाइन-28.404 किमी0
	400 के0वी0 सिकन्दराबाद WUPPTCL उपकेन्द्र पर 220 के0वी0 'बे' - 2 अदद
	132 के0वी0 उपकेन्द्र बी0बी0 नगर उपकेन्द्र पर 132 के0वी0 'बे' - 2 अदद
अनुमानित व्यय ₹0 136.03 करोड़	अनुमानित व्यय ₹0 150.78 करोड़

संशोधन उपरान्त अतिरिक्त अनुमानित व्यय ₹0 14.75 करोड़

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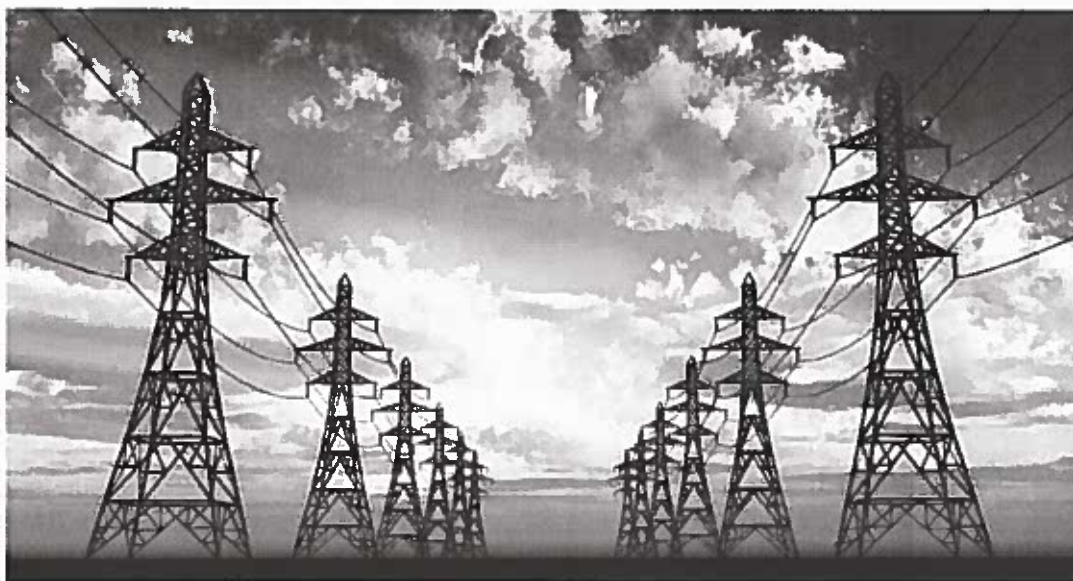
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(गोपनीय)
अधीक्षण अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 132/33 KV KABRAI SUBSTATION **DISTRICT-MAHOBA**

COD 10/04/2019



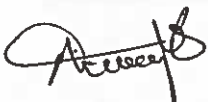
PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED**

(मनोज सिन्हा)
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं बाणिज्य)
उ०प्र० पा० ट्रा० कॉ० लि०

Checklist of Project

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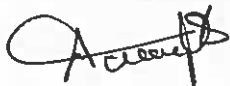


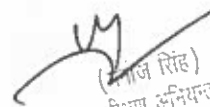
(महोबा सिंह)
अध्यक्ष अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
ज०प्र०पा०ट्रा०का०लि०

Format for Project Summary to be submitted along with DPR

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 132KV substation Kabrai , Mahoba and associated lines
ii.	Category of the project: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization.	i,iv,& vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP:	EPC through open e-tender
vii.	Date of commercial operation	10/04/2019




 (आज सिंह)
 अवीक्षण अनियन्ता
 सम्बद्ध निदेशक (निर्माण एवं वाणिज्य)
 उ०प्र०पा०द्रा०जा०लि०

2. Need and Justification:-

i.	Aims and objectives of the project	Presently district Mahoba consist of 220kV Mahoba S/s and 132kV Mahoba, Panwari and Kabrai S/s to feed the power supply to Mahoba region. Before 132kV Kabrai s/s, Kabrai area was feeded by 132kV Mahoba. Due to long length of 33kv feeders from 132kV Mahoba low voltage problem persists at the end substation. To avoid low voltage problem and to cater upcoming load, construction of 132kV Kabrai S/s was proposed. Presently 132kV Kabrai is feeding power supply to 33kV S/s of Discom as- 33/11kV, Pahara & Khanna and Alipura, Kabrai, S/s is to be connected in future.
ii.	Geographical Map indicating Proposed & Existing S/s in nearby area.	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4

3. Project Physical Details:-

Land requirement		Description
i.	District of the Project	Mahoba
ii.	Location of the Project (with latitude and longitude of the location)	The substation is located in District Mahoba. Latitude : 25.38691 Longitude : 80.05692

(Signature)

(मनीष सिंह)
अधीक्षक अभियन्ता
सम्बद्ध निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

iii.	Total Land requirements:	132kV Kabrai is constructed on 1.4164 hectare land of Gramsamaj in village Pahra, Kabrai.
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4. Project Approval Status:-

Technical & Financial Approval	TWC	6 th meeting of 13 th plan dated 10.10.2017(Annexure-5)
	BOD	58(06) dated 16.02.2018
	Appraisal & Evaluation Committee	19.02.2018
	ETF	-N/A-

5. (i)Project Financial Details :-

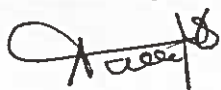
Sl.No.	NAME OF ELEMENT	MVA / Km	COST (Cr.)
1	132 KV Substation Kabrai (Mahoba)	2x20	15.03
2	LILO of 132 KV Banda – Mahoba line at 132 KV SS Kabrai	2x6	2.60
TOTAL			17.63

(ii)Source of Financing (in %):-

Sl.No.	Source of Financing	Percentage
1	State Government(Equity)	30%
2	Loan(Through PFC/REC)	70%
3	Rate of interst of PFC/REC	10%
4	IRR	45.16% (Annexure-6)

6. Project Benefit:- After construction of 132kV Kabrai S/s-

- The overloading of 132kV Mahoba S/s reduced.
- Due to reduction of 33kV feeder length from primary substation, voltage profile of Kabrai area improved.
- Reliability and quality of power supply is improved due to reduction in line breakdown.

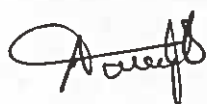


Existing nearby transmission sub-stations load pattern in district Mahoba

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station
220kV	Mahoba	1x160+1x100	211 MVA	Paricha(TPS) & Banda(400) S/s
132kV	Panwari	2x20	32MVA	220kV Mahoba
132kV	Mahoba	2x40	74MVA	220kV Mahoba
132kV	Kabrai	2x40	7 MVA	220 Mahoba& Banda

Detail of 132kV Kabrai S/s and its connecting line

Name of new 132kV S/s	Capacity of 132kV s/s	Peak load of new 132kV S/s	Name of source Substation	Name of connecting 132kV line to source substation	Loading on connecting 132kV lines (in AMP)
132kV Kabrai	2X20MVA	12MVA	220kV Banda 132kV Mahoba	Lilo of 132kV Banda(220)-Mahoba line	175Amp



(मनोज सिंह)
अर्थलाग अनियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
स०प्र०मा०द्व०का०लि०

Details of Load transferred to 132kV Kabrai S/s

प्रारंभिक कार्य अगस्त-सितंबर २०१७-१८

1. 'प्रकाशित कथा' 2. प्रकाशित
(प्रकाशित कथा) - (1) 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834.

सिवायुः

 ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಕರ್ನಾಟಕ ಸರ್ಕಾರ	 ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಕರ್ನಾಟಕ ಸರ್ಕಾರ	 ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಕರ್ನಾಟಕ ಸರ್ಕಾರ
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३. अनुसूचित जाति आयोग का सं. ३३७६/२२ दि. २७/१२/७६
 ४. निम्न आदेश का सं. ३३७६/२२ दि. २७/१२/७६ / आदेश सं. ३३७६/२२
 (क) ३३७६/२२ दि. २७/१२/७६ सं. ३३७६/२२ दि. २७/१२/७६
 ३३७६/२२ दि. २७/१२/७६

કર્તાશ્રી બાબ
અવસાનકાંડ બાબ

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५. चण्डीयर् ॥ १०१ ॥ चण्डीयर् ॥

७. आचार्यवर्य महोदयों को धन्यवादित है- जे. नरसिंह
 ४. श्रीमान् श्री आचार्य महोदय महोदयों को धन्यवादित है- जे. नरसिंह

[illegible]

১. **বাংলাদেশ**

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अभिनेताजी सावित्रासाहू ।

ਸਿੰਘਾਨੰਦਕ, ਲਖੀਭਧੁਰ

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

सूचक : अतिमहत्वात् (सामान्यतया)
उपस्थिति

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गुणवत् अतिरिक्त ०.१०
अतिरिक्त अतिरिक्त अतिरिक्त

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ॐ नमो भगवते वासुदेवाय ॥ १ ॥
ॐ नमो भगवते वासुदेवाय ॥ १ ॥

12-1-1964

१०८३१०४८ १११०४८

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॥ श्रीगणेशाय नमः ॥
विषय: शिक्षण, अर्थशास्त्र

Details of 33kV substations presently feeding from 132kV Kabrai Substation

Primary New 132kV Sub-station	Capacity of 132kv S/s	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from New 132kV S/s
132kV Kabrai	2x20MVA.	Pahera	5MVA	21km	0.6km
		Khanna	2X5 MVA	18km	5km

Details of 33kV substations to be connected in future from 132kV Kabrai Substation

Primary New 132kV Sub-station	Name of 33/11 KV Substation	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from New 132kV S/s
132kV Substation Kabrai	Kabrai	1X5+1X10MVA	17km	3 Km.
	Allpura	2X10 MVA	13km	8 Km.

Annexure-3

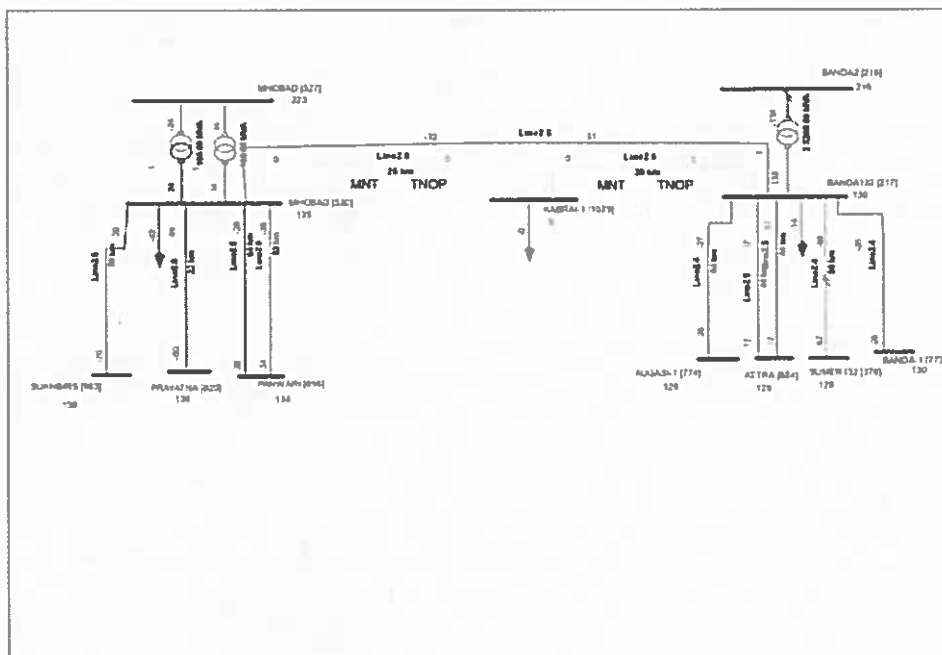
Geographical Map of existing primary Transmission Network in District Mahoba and its nearby area.



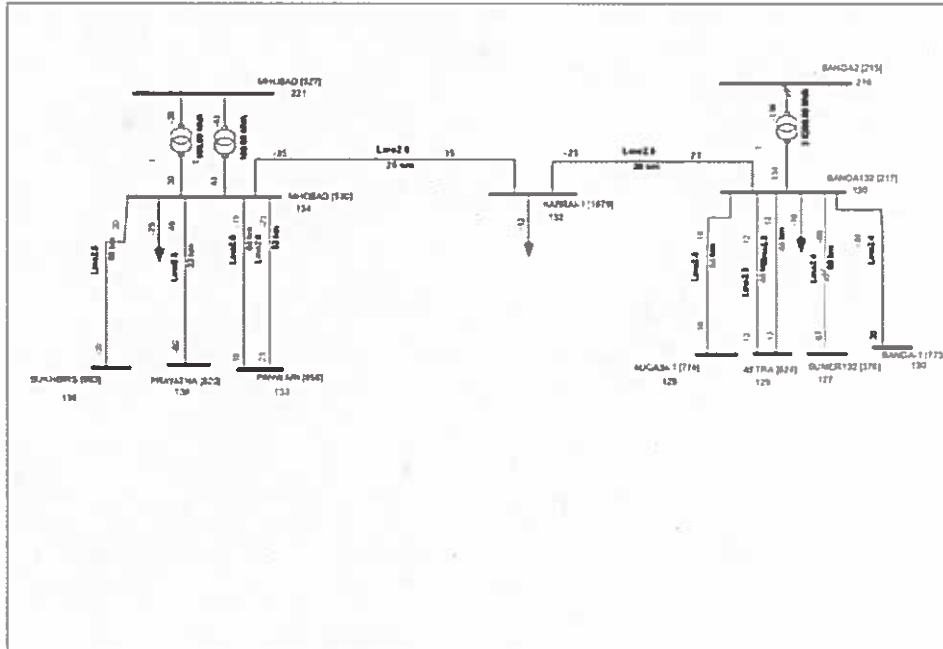
Aravind

मि. सिंह
अधीक्षक अभियन्ता
साम्बद्ध निदेशक (निरांजन एवं वाणिज्य)
उ०प्र० पा००८१० का०१०१०

Load Flow Study without 132kV Kabrai S/s
(System Load-22500 MW FY 2019-20)



Load Flow Study with 132kV Kabrai S/s
(System Load-22500 MW FY 2019-20)



(Signature)

(Signature)
 अधीक्षण अभियन्ता
 समग्र निदेशक (निर्माण एवं वाणिज्य)
 उ०प्र० पा० द्रा० का० लि०

Minutes of TWC Meeting

कारपोरेशन द्वारा गठित "पारेषण कार्य अनुमोदन समिति" की दिनांक 10.10.2017 को सम्पन्न 13वीं योजनाकाल की छठी बैठक का कार्यवृत्त।

बैठक में निम्न अधिकारी उपस्थित थे :-

1. श्री कानरान रिजवी, अध्यक्ष एवं प्रबन्ध निदेशक, उ०प्र०पा०ट्रा०का०लि० एवं अध्यक्ष समिति।
2. श्री सरोज कुमार मिश्र, निदेशक (वित्त) एवं सदस्य समिति।
3. श्री चन्द्र मोहन, निदेशक (ऑपरेशन) एवं सदस्य समिति।
4. श्री चन्द्र मोहन, निदेशक (कार्य एवं परियोजना) एवं सदस्य समिति।
5. श्री सुमन गुच्छ, निदेशक (वाणिज्य एवं नियोजन) एवं सदस्य समिति।
6. श्री नीरज स्वरूप, अधीक्षण अभियन्ता (टी०पी० एवं पीएसएस) एवं संयोजक सदस्य समिति।

निदेशक (ऑपरेशन) एवं वितरण क्षेत्रों से प्राप्त पारेषण कार्यों के प्रस्तावों पर समिति ने सम्यक विचारोपरान्त निम्न निर्णय लिये :-

(क) नये कार्य :-

1- 132/33 के०वी०, 2X20 एम०वी०ए० कबरई (महोबा) उपकेन्द्र का निर्माण कार्य (डबल मेन, ट्रांसफर):-

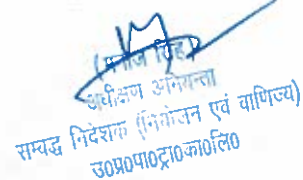
क्षेत्र से प्राप्त प्रस्ताव अनुसार जनपद महोबा के अन्तर्गत आने वाले क्षेत्र कबरई, पहरा, अलीपुरा, खन्ना मोचीपुरा, छितारा एवं मटौघ क्षेत्रों की विद्युत आपूर्ति वर्तमान में 132 के०वी० उपकेन्द्र महोबा से 33 के०वी० दिभव के फीडरों से की जाती है। भविष्य में 33 के०वी० विद्युत उपकेन्द्र अलीपुरा, खन्ना एवं पहरा को ऊर्जीकृत किया जाना है। फीडर की लम्बाई 30 से 35 किमी० है, जिससे लं-वोल्टेज एवं गुणवत्ता पूर्ण विद्युत आपूर्ति को समस्या बनी रहती है। अतः समिति ने कबरई उपकेन्द्र का कार्य निम्नवत् अनुमोदित किया:-

- 132/33 के०वी०, 2X20 एम०वी०ए० कबरई उपकेन्द्र का निर्माण (डबल मेन, ट्रांसफर) (20 एम०वी०ए० परिवर्तक अन्यत्र स्थान से उपलब्ध कराया जायेगा)
- बाँदा-महोबा 132 के०वी० लाइन का कबरई उपकेन्द्र पर लीलो- 06 किमी०



अनुमानित व्यय रू० 18.16 करोड़




अधीक्षण अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 220/132/33 KV AMETHI SUBSTATION **DISTRICT-AMETHI**



PREPARED BY:

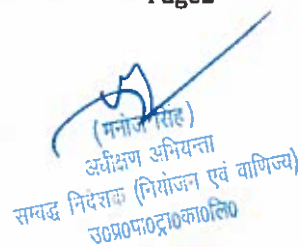
**UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED**

Accepted

(मनोज सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (निर्माण एवं वाणिज्य)
उत्तर प्रदेश विद्युत निगम

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	4
4. Project approval status	5
5. Project Financial details	5
6. Project Benefit	6
Existing transmission substation load pattern	Annexure-1
Details of load transfer to 220kV Amethi Substation	Annexure-2
Geographical Map	Annexure-3
Load Flow Study	
(i) Load flow study without 220kV Amethi s/s	Annexure-4
(ii) Load flow study with 220kV Amethi s/s	
Minutes of TWC meeting	Annexure-5



(मनोज सिंह)
अधीक्षक अभियन्ता
समग्र निर्देशक (नियोजन एवं वाणिज्य)
उपप्रमोदगोदावरी

Format for Project Summary to be submitted along with DPR

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 2x160+2x40MVA, 220/132/33kV Substation Amethi and associated lines.
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization. ix. Any other category.	Category – i,v& vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP	EPC through open tender
vii.	Date of Commercial Operation	COD of 220kV Amethi S/s is 27.04.2019




 (समाज/लिह)
 अधीनस्थ अनियन्ता
 सम्यक् निदेशक (निर्माण एवं वाणिज्य)
 30/04/2019

2. Need and Justification:-

i.	Aims and Objectives of the proposed project:-	Presently District Amethi is being fed through 220kVAmethi,132kVGauriganj,132kVJagdishpur, 132kVkorwa,and132kVMushafirkhana.Before construction of 220kVAmethi, 132kV Jagdishpur, 132kV Mushafirkhana, 132kV Gauriganj were fed through single source of Supply. To provide second source to 132kV substation and to cater upcoming Discom'ssubstations load, 220kV Amethi was required. Presently 220kV Amethi has installed capacity 1x160+2x40MVA and it is connected with Discom's33kV S/s as- 33/11kV Gauriganj, Musafirkhana,Jagdishpur S/s and other proposed 33kV S/s as Thenga,Kherauna,Bhadar,Badagaon S/s will be connected in future.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4

3. Project Physical Details:-

Land requirement		Description
i.	District of the project	Amethi
ii.	Location of the project (with latitude and longitude of the location)	Latitude:26.134870 Longitude:81.885957

(मनोज सिंह)
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उ०प्र०पा०द०का०लि०

iii.	Total land requirement (in hectares):	220kV Amethi S/s is constructed on 4.53 hectare Land in which 3.07 hectare Gramsamaj land and 1.4614 hectare purchase from Land owners.
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4. Project Approval Status—

Technical & Financial Approval	TWC	Approval on 30 th meeting of 12 th plan on dated 24.02.2016
	BOD	26.02.2016
	Appraisal & Evaluation Committee	26.02.2016
	ETF	02.03.2016

5. Project Financial Details:-

(i) Project Cost:-

Sl.no.	Name Of Element	MVA / Km/No.	COST (in Cr.)
1	Construction of 220/132/33kV Amethi substation(Double Main & Transfer)	1x160+2x40	62.76
2	Lilo of one circuit of Sultanpur(400)-Sangipur 220kV DC line at Amethi(220)S/s	10	8.30
3	Raebareilly(400) U/C-Amethi 220kV DC line	40	33.13
4	Amethi(220)-Jagdispur 132kV DC line	45	22.72
5	Amethi(220)-Mushafirkhana 132kV DC line	30	15.14
6	Amethi(220)-Gauriganj 132kV DC line	15	7.57
7	132kV Bay at Gauriganj and Jagdispur Substation	04	3.64
Total Cost			153.26

(ii) Sources of Financing (in %):-

Sl. no.	Source of Financing	Percentage
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Construction of 220/132/33kV Amethi, s/s and associated lines.

Page 5

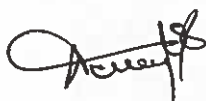
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अधीक्षक अभियन्ता
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नगरपालिका कार्यालय

1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Rate of Interest of PFC/REC	10%
4	IRR	14.85%(Annexure-6)

6. Project Benefit:

- 132kV Mushafirkhana, Gauriganj, Jagdispur S/s is getting dual source of supply.
- Quality of power supply is improved due to reduction in line breakdown.
- To cater the upcoming industrial and commercial load of Amethi region



(गनीम सिंह)
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उ०प्र० पा० द० का० लि०

Annexure-1

Existing transmission sub-stations load pattern in Amethi

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load (MVA)	Source Sub-station
132kV	Gauriganj	2x40	68	220kV Amethi
132kV	HAL,Korwa	3x10	3	400kV Sultanpur
132kV	Jagdishpur	2x40	50	220kV Amethi
132kV	Musafirkhana	2x40	43	400kV Sultanpur

Details of 220kV Amethi S/s and its connecting line

Name of New 220kV S/s	Capacity of 220kV S/s	Name of Source Substation	Name of connection 220kV line to source substation	Loading on connecting 220kV lines to source S/s (in Amp)
220kV S/s Amethi	1x100+1x160 MVA	220kV S/s Sultanpur	220kV Sultanpur	68 Amp
			220kV Sangipur	-
			220kV (D/C) Raebareli	-

(मनोहर सिंह)
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उ०प्र० पा० द० का० लि०

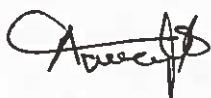
Annexure-2

Details of 132kV S/s connected to 220kV Amethi substation.

Name of New 132kV S/s	Capacity of 132kV S/s	Peak load of 132kV substation	Length of 132kV line (Km.) from new 220kV S/s
132kV S/s Gauriganj	2x63 MVA	89 MVA	20.57 Km. (Double Circuit)
132kV S/s Musafirkhana	2x40 MVA	45 MVA	43.47 Km. (Double Circuit)
132kV S/s Jagdishpur	2x40 MVA	52 MVA	45.66 Km. (Single Circuit)

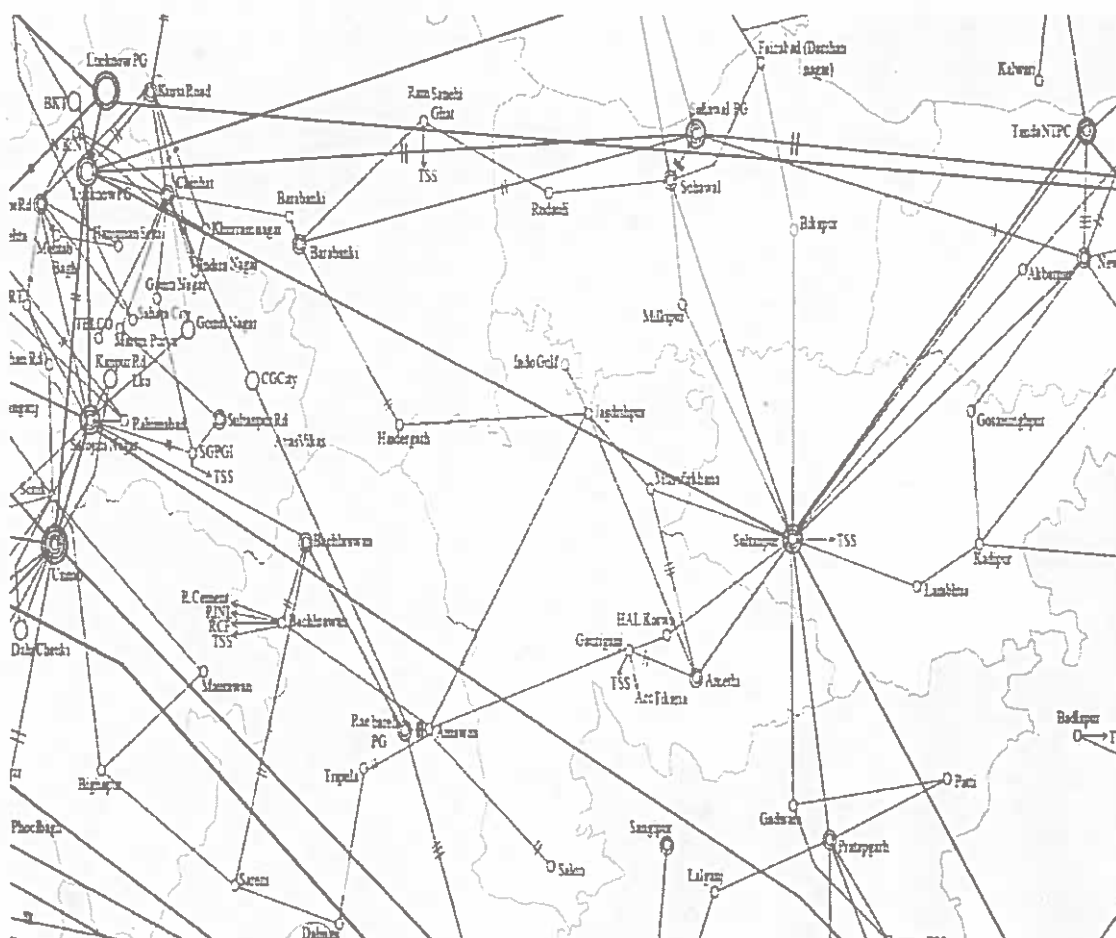
Details of 33kV S/s connected to 220kV Amethi substation.

Name of 33/11kV S/s	Capacity of 33/11kV S/s	Length of 33kV feeder (Km.) from old 132kV S/s	Length of 33kV feeder (Km.) from New 132kV S/s
33kV S/s Thenga	2x5 MVA	-	08.00Km.
33kV S/s Kherauna	1x5 MVA	-	09.00Km.
33kV S/s Bhadar	1x8+1x5 MVA	35.00Km.	04.00Km.
33kV S/s Badgaon	2x5 MVA	30.00Km.	18.00Km.



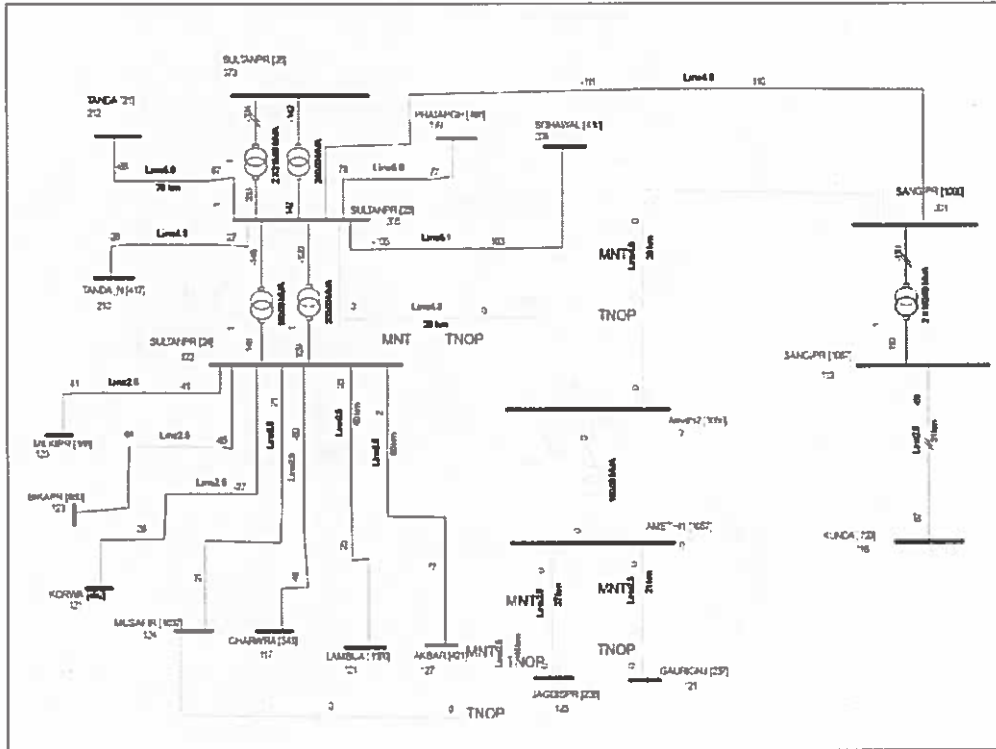
(मन्मथ सिंह)
अधीक्षक अभियन्ता
सम्बद्ध निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Geographical Map of existing primary Transmission Network in District Amethi and its nearby area.



Annexure-4

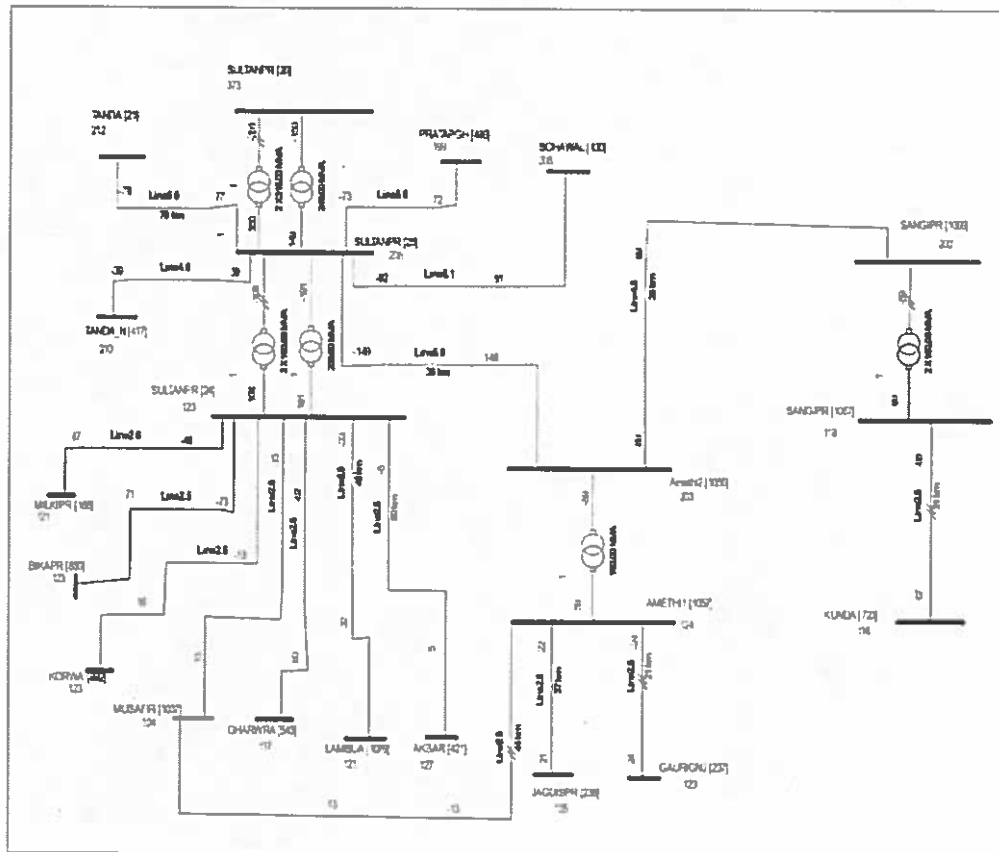
Load flow study without 220kV Amethi S/s (System Load-22500 MW FY 2019-20)



Arvind

(मिनाज सिंह)
अधीक्षण अभियन्ता
सम्यक् निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Load flow study with 220kV Amethi S/s
(System Load-22500 MW FY 2019-20)



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 (गोमोज सिंह)
 अधीक्षण अभियन्ता
 सम्यक्ष निदेशक (निर्माण एवं वाणिज्य)
 उ०प्र० पा० द० का० लि०

Minutes of TWC Meeting

(III) 400/220/132 केवरी 2x315,2x160 एमपीएस जौनपुर उपकेंद्र का निर्माण :-

आजमाट एवं मायमती 400 केवरी उपकेंद्रों को समाप्ता पूर्णभरित रहने एवं टेंजो से हो रहे विकास के दृष्टिकोण उपकेंद्रों के अतिवर्ति होने की सम्भावना है। अतः इन उपकेंद्रों से Down stream पोषित उपकेंद्रों को विद्युत आपूर्ति देने हेतु नये 400 केवरी उपकेंद्र स्थापित करने के अग्रिम नियोजन कार्यों को समिति ने अनुमोदित किया इस उपकेंद्र से जोररा 'सी' 2x560 MW तटीय निर्माणधीन परियोजना की जर्मा निरासो में भी सहायक होना व केन्द्रीय ग्र/वण संत्र से लक्षिक कर्मा सफल हो सकेंगी। वारणसी (700) FC उपकेंद्र 2018 अता तम पूर्ण होने की सम्भावना है। समिति द्वारा निम्न कार्य में 400 केवरी ग्रिड पर connectivity सम्बन्धी CEA, standing committee की स्वीकृति की प्रणारा में अनुमोदन किया गया -

- (I) 400/220/132 केवरी 2x315,2x160 एमपीएस जौनपुर उपकेंद्र का निर्माण
- (II) जौनपुर (400) - बातागती (700 केवरी) FGCIL 400 केवरी डी सी लइन - 83 केमी
- (III) जौनपुर (400) - जोररा 'सी' 4400 वाट विद्युत गृह (निर्माणधीन) 400 केवरी डी सी लाइन - 90 केमी
- (IV) अजमगढ़ - सातख्य 220 केवरी एन सी लाइन का जौनपुर उपकेंद्र पर लीतो - 60 केमी
- (V) साहगंज - सिद्धोलीपुर 132 केवरी एन सी लाइन का जौनपुर (400) उपकेंद्र पर लीतो - 15 केमी
- (VI) साहगंज - जदीपुर 132 केवरी एन सी लाइन का जौनपुर (400) उपकेंद्र पर लीतो - 6 केमी
- (VII) जौनपुर (400) - फेगलत 132 केवरी डी सी लाइन - 40 केमी

उपरोक्त कार्य के विचार 11.12.18 को एन सी ईडन में अनुमोदित साहगंज (700) उपकेंद्र एवं सम्बन्धित कार्य को समिति ने निरस्त करना अनुमोदित किया।

(IV) 220/132/33 केवरी 2x160 एमपीएस अमेठी उपकेंद्र का निर्माण :-

जौनपुर व अजम-पात क्षेत्र में विद्युत 132 केवरी उपकेंद्र स्थापित है व उपग्रह इन्तत उपलब्ध न होने व 33 केवरी लकी फीडरों के कारण वोल्टेज समस्या क्षेत्र द्वारा लुपित है। साहगंज (400) उपकेंद्र हेतु उपायान भूत घबन जीव ही कर तो लगेगी। अतः समिति ने तदनुसार निम्न कार्य को अनुमोदित किया -

- (I) 220/132/33 केवरी 2x160 एमपीएस अमेठी उपकेंद्र का निर्माण (सबल गैर, प्रस्तावन)
- (II) सुल्तनपुर - सहागपुर 220 केवरी डी सी लाइन के एक सर्किट का अमेठी उपकेंद्र पर लीतो - 10 केमी

अधीक्षक अभियन्ता
सम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

- (III) रायबरेली 400(प्रस्तावित) - अमेठी 220 केवरी डी सी लाइन - 40 किमी
 (IV) अमेठी(220) - जगदीशपुर 132 केवरी डी सी लाइन - 45 किमी
 (V) अमेठी (220) - मुसाफिर खाना 132 केवरी डी सी लाइन - 30 किमी
 (viii) अमेठी (220) - गीरीगंज 132 केवरी डी सी लाइन - 15 किमी
 (Ix) जगदीशपुर, गीरीगंज 132 केवरी उपकेन्द्रों पर 132 केवरी 'बे' का निर्माण - कुल 4 अंश

- (V) 220/132, 132/33 केवरी 2x160+2x40 एमवीएस्ड सरसावा, सहारनपुर उपकेन्द्र का निर्माण :-

क्षेत्र द्वारा सहारनपुर व आस-पास हो रहे भार वृद्धि एवं विकास व 220 केवरी सहारनपुर नगीचा उपकेन्द्रों की पूर्णभारिता के दृष्टिगत विद्युत व्यवस्था को सुदृढ़ करने के लिये सहारनपुर में नये 220/132/33 केवरी उपकेन्द्र आवश्यकता दृष्टिगत समिति ने निम्न अधिनियोजन कार्यों को अनुमोदित किया :-

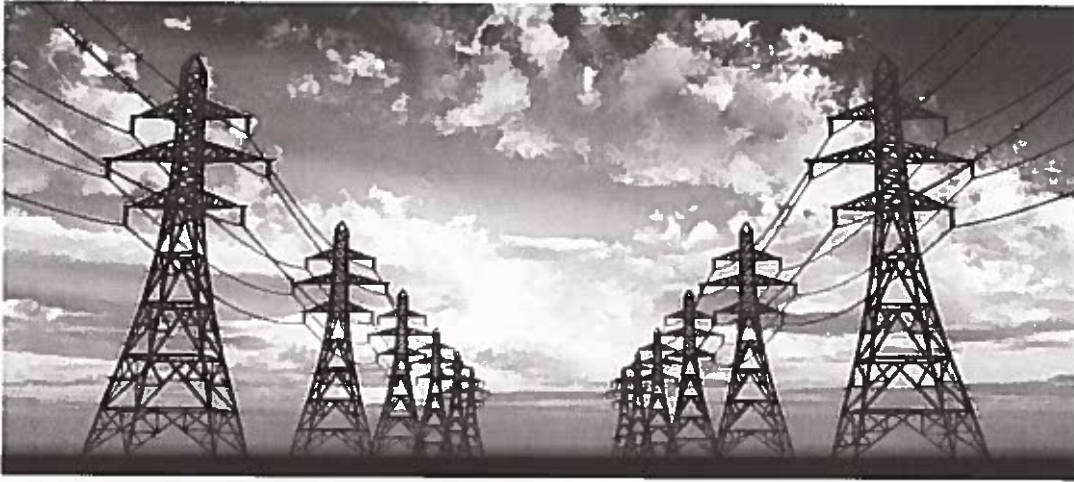
- (I) 220/132, 132/33 केवरी 2x160+2x40 एमवीएस्ड सरसावा, सहारनपुर उपकेन्द्र का निर्माण (डबल मेन, ट्रांसफर)
 (II) मोहनपुर गढ़वा (400) PGCIL - सरसावा 220 केवरी डी सी लाइन- 25 किमी
 (III) सहारनपुर (220) - खोदरी 220 केवरी डी सी लाइन के एक सर्किट का 220 केवरी सरसावा उपकेन्द्र पर लीसो - 18 किमी
 (IV) सरसावा - रामपुर मनिहारन 132 केवरी डी सी लाइन - 28 किमी
 (V) सहारनपुर (220) - नकुर 132 केवरी एस सी लाइन का सरसावा उपकेन्द्र पर लीसो - 10 किमी
 (VI) मोहनपुर गढ़वा 400 केवरी (PGCIL) - सरसावा 220 केवरी मल्टी सर्किट लाइन - 10 किमी
- (VI) 132/33 केवरी 2x40 एमवीएस्ड तीरवा, कन्नीज उपकेन्द्र का निर्माण :-

132/33 केवरी कन्नीज उपकेन्द्र के पूर्ण भारित रहने व जनपद में तीरवा के आस-पास हो रहे सम्भावित विकास के दृष्टिगत 132/33 केवरी नये उपकेन्द्र का अधिनियोजन प्रस्ताव क्षेत्र द्वारा प्रस्तुत किया गया है। पूर्व स्वीकृत नीबकतोरी (220) फरुखाबाद उपकेन्द्र के निर्माण उपरान्त छिबरामऊ (220) कन्नीज पर भारिता कम हो जायेगी जिससे कन्नीज में तीरवा पर नये उपकेन्द्र का फोबन छिबरामऊ (220) उपकेन्द्र से किया जा सकेगा। अतः समिति ने निम्न कार्यों को अनुमोदित किया :-

17/

(मिनाज सिंह)
 अधीक्षण अभियन्ता
 समग्र निर्देशक (निर्माण एवं वाणिज्य)
 उ०प्र०पा०द्रा०का०लि०

DETAIL PROJECT REPORT FOR
CONSTRUCTION OF 220/33 KV BOTENICAL GARDEN
NOIDA SEC-38(A) SUBSTATION DISTRICT-GAUTAMBUDH
NAGAR



PREPARED BY:
UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED

(मनिका सिंह)
अधीक्षक अभियन्ता
रामगढ़ निर्देशक (निर्वाहन एवं वाणिज्य)
उ०प्र० पा० न० का० लि०

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	4
4. Project approval status	5
5. Project Financial details	5
6. Project Benefit	6

Existing nearby transmission substation load pattern Annexure-1

Details of load transfer to 220/33kV Substation Annexure-2

Geographical Map Annexure-3

Load Flow Study

- | | |
|---|------------|
| (i) Load flow study without 220/33kV Botanical garden s/s | Annexure-4 |
| (ii) Load flow study with 220/33kV Botanical garden s/s | |

Minutes of TWC meeting Annexure-5

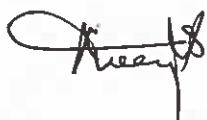
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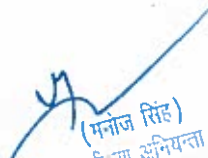
(Signature)
अधीक्षक अभियन्ता
सामग्र्य निदेशक (निर्माण एवं वाणिज्य)
उपप्रमाणित

Format for Project Summary to be submitted along with DPR

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 3x60MVA, 220/33kV Substation,Botanical Garden Noida Sec-38(A) and its associated lines.
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization. ix. Any other category.	Category – i,v& vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP	EPC through open tender
vii.	Date of commercial operation	COD of 220kV Botanical Garden Substation-07.06.2019




 (मनोज सिंह)
 अवरुद्ध अनियन्ता
 सन्वद निदेशक (नियोजन एवं वाणिज्य)
 ३०३०५०३०३०३०

2. Need and Justification:-

i.	Aims and Objectives of the proposed project:-	Noida area is an industrial town of U.P. & New Okhala Industrial Development Authority (NOIDA) is creating a planned industrial as well as residential township in newly developed sectors. 220kV Noida sector-20 S/s and its source line Greater Noida(400)-Noida sec-20220kV was overloaded due to that Noida sector-20 was insufficient to cater upcoming load. To overcome the loading of Noida sector-20 and upcoming load of Noida region it was necessary to construct 220 KV GIS substation Botanical Garden, Noida. For substation land and financial assistance had been provided by the Noida Authority. The 220 KV Substation (GIS) Botanical Garden is fed through 400 KV S/S sector 148 as main source by 220 kV Sec 148-Botanical Garden line. 220/132/33kV Botanical garden s/s is feeding the Discom's substation as- 33/11kV NoidaSec-31,Sec-32,Sec-29,Sec-38,K.K project, Boulevard S/s.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4

3. Project Physical Details:-

	Land requirement	Description
i.	District of the project	Gautambudhnagar
ii.	Location of the project (with latitude and longitude of the location)	Latitude:28.563108 Longitude:77.334114

(Signature)

(Signature)
अधीक्षक अभियन्ता
समग्र निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द्रा० का० लि०

iii.	Total land requirement (in hectares):	0.39 hectare land provided by Noida Development Authority
------	---------------------------------------	---

4. Project Approval Status –

Technical & Financial Approval	TWC	Approval on 15 th meeting of 12 th plan on dated 19.09.2014
	BOD	Approval in 41st meeting on dated 23.01.2015
	Appraisal & Evaluation Committee	
	ETF	

5. Project Financial Details:-

(i) Project Cost:-

Sl.No.	Name Of Element	MVA / Km/No.	COST (in Cr.)
1	Construction of 220/33kV Botanical Garden (GIS) Substation	3x60MVA	72.00
2	Noida(148)-Botanical Garden 220kV DC line on Multicircuit/Narrowbase tower	27KM	21.00
3	LILO of Noida(148)-Ghazipur 220kV SC line at Botanical Garden	1KM	0.80
Total			93.8

(ii) Sources of Financing (in %):-

Sl. No.	Source of Financing	Percentage
1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Rate of Interest of PFC/REC	10%
4	IRR	17.96% (Annexure-6)

6. Project Benefit:-

- Strengthening the primary transmission system of Noida.
- Reliable and quality power supply to consumers of Noida.
- Overloading of 220kV Noida sec-20 is reduced.

(मनोज सिंह)
अधीक्षक अभियन्ता
साम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
उपप्रभाग-३/३०३/३०३/३०३

Annexure-1

Existing nearby transmission sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load (MVA)	Source Sub-station
400kV	Sector-148 Noida	2x500	291	765kV Jahangirpur(Greater Noida)
		1x160	6.6	
220kV	Dadri	1x160+1x100	87	Muradnagar-I via Muradnagar(220)
220kV	Noida sector-129	3x160	400	GreaterNoidapali(400)
220kV	Noida sec-62	2x160	214	Indirapuram (400)
220kV	Noida sec-20	3x160	346	GreaterNoidapali(400)
220kV	RC Green	2x160 220/33 ,2x60	282	GreaterNoidapali(400)

Detail of 220kV Botanical garden S/s and its connecting line

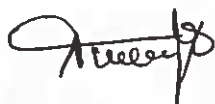
Name of New 220kV S/s	Capacity of 220kV S/s	Name of Source sub-station	Name of connection 220kV line to source sub-station	Loading on connecting 220kV lines to source s/s (in AMP)
220kV GIS Sector-38A, Botanical Garden Noida Sub-station	3x60MVA (220/33kV)	220kV Sub-station Sector 20 Noida	LILO of 220kV Sector 20 Noida-BTPS Single Circuit Line at 220kV GIS Sector 38A, Botanical Garden Noida	150 Amp

(मोहित सिंह)
अधीक्षक अभियन्ता
सम्यक् निर्देशक नियोजन एवं वसिष्ठ्य
उपप्रमोदप्रमोदप्रमोदप्रमोद

Annexure-2

Details of 33kV Load Connected to 220/33kV Botanical Garden Sec-38(A) Noida(GautamBudh Nagar) S/s

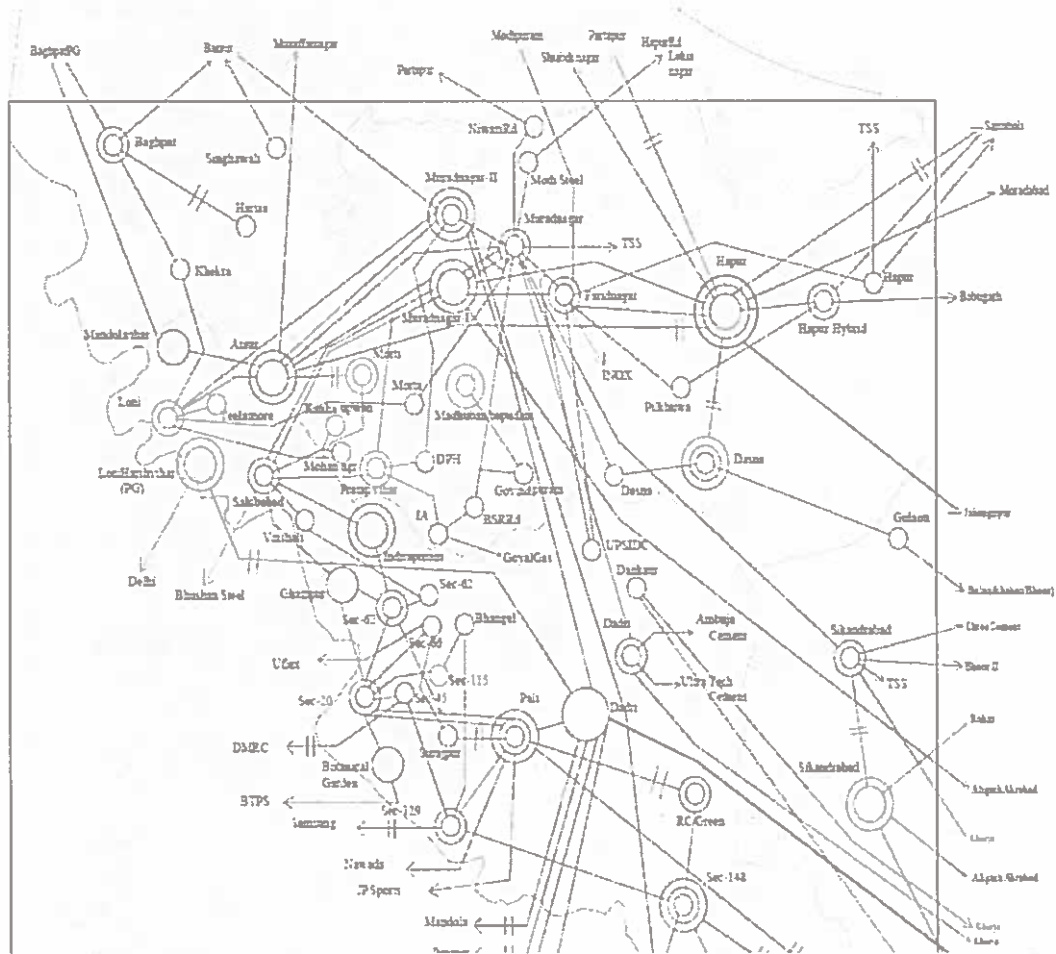
Name of New 33/11kV S/s	Capacity of 33/11kV S/s	Length of 33kV feeder (Km.) from old 132kV S/s	Length of 33kV feeder (Km.) from New 220kV S/s
33/11kV S/s Sector 31 Noida	2x10MVA	18Km	8Km
33/11kV S/s Sector 32 Noida	2x10MVA	6Km	6Km
33/11kV S/s Sector 29 Noida	2x10MVA	9Km	5Km
33/11kV S/s Sector 38 Noida	2x10MVA	18Km	8Km
33/11kV S/s K.K. Projects	3MVA	7Km	7Km
33/11kV S/s Boulevard	4MVA	6Km	6Km



(मन्त्री/सचिव)
अधीक्षक अभियन्ता
सम्बद्ध निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Annexure-3

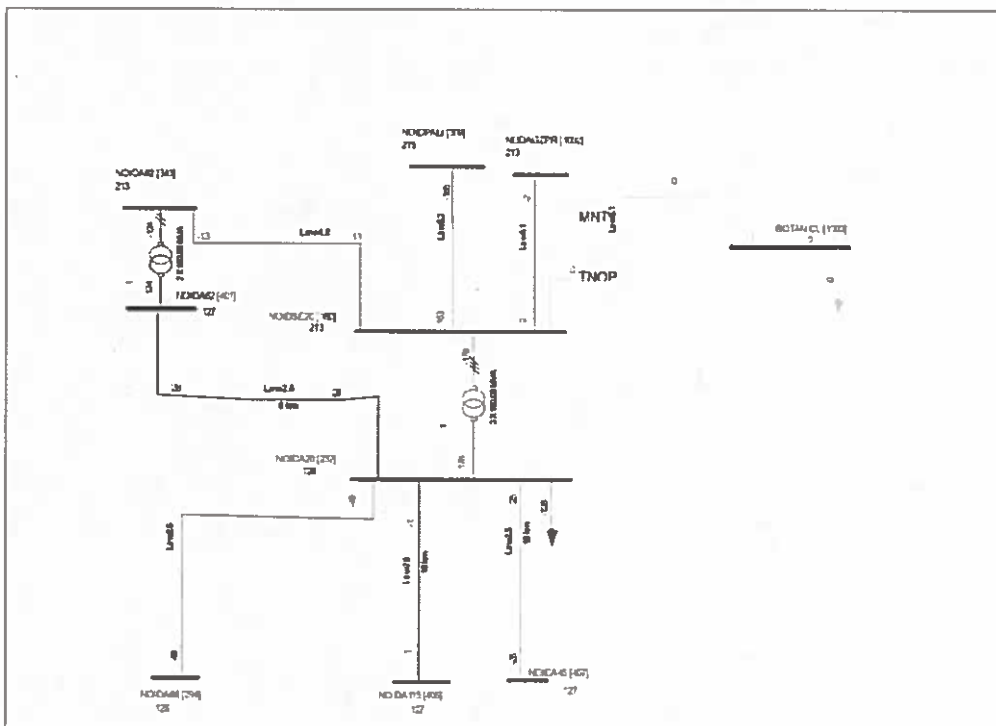
Geographical Map of existing primary Transmission Network in District Gautambudhnagar and its nearby area.



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(निर्माण विभाग)
अधीक्षक अभियन्ता
सम्वद निदेशक (निर्माण एवं वाणिज्य)
30/04/2010 का 010

Annexure-4



Annexure-5

Minutes of TWC Meeting

कारपोरेशन द्वारा गठित "पारंपरिक कार्य अनुमोदन समिति" की दिनांक 19.09.2014 को सम्पन्न 12वीं योजनाकाल की 15वीं बैठक का कार्यपत्र।

बैठक में निम्न अधिव्यवरी उपस्थित थे :-

सदस्य

- १- श्री राजय अग्रवाल, प्रवेश विदेशक (होमगार्ड) एवं सहायक सचिव।
- २- श्री ए. कं. अग्रवाल, विदेशक (मिल) एवं सहायक सचिव।
- ३- श्री गदानाथ अग्रवाल, निदेशक (मॉरिस्टन) एवं सहायक सचिव।
- ४- श्री राजनाथ अग्रवाल, विदेशक (आर) एवं सचिव (आर) एवं सहायक सचिव।
- ५- श्री गीतिका अग्रवाल (नियोजक) एवं सहायक सचिव।
- ६- श्री सुभाष गुप्ता, अधीक्षक अभियंता (सी) एवं सहायक सचिव।

निदेशक (सिनेमै), दूर-चित्रण-संकेतों में प्राण-नरक-तपस्यी के प्रस्तावों पर, समिति ने सम्बन्ध-विधायकान् विभिन्न-पक्षों-परि-

(क) नये कार्य :-

220.132 केपीसी सम्पूर्ण दस्तावेज प्राप्त प्राप्तकर्ता बत रिजिस्ट्रार अनुसार निर्मित किये जाने का अनुमान किया गया। भूमि का दस्तावेज प्राप्तकर्ता प्राप्तकर्ता किया जाएगा।

220 केपीए कायं -

1. 220/33 केवाई नोटिफिकल गार्डन नोयडा (जी०आई०ए०) 3X60एमपीएच उपकेंद्र :-
400/220/132.33 केवाई नोयडा-148 टर्मिनल निर्माणयोग है। नोयडा क्षेत्र के काम-गांव आर की तंजी से गो रही दृष्टि
के दृष्टिगत नोटिफिकल गार्डन नोयडा 220 केवाई उपकेंद्र का निर्माण संवर्धित नाथन सड़को नज्दित गर्मिनि इला
निम्नानुसार अनुमोदन किया गया। गृह नोयडा अधिनियम द्वारा उन्मुख करके जंगल -
(i) 220/33 केवाई 3X60 एम्पीएच नोटिफिकल गार्डन नोयडा (जी०आई०ए०) उपकेंद्र का निर्माण।
(ii) नोयडा(148)-नोटिफिकल गार्डन 220केवाई सेक्शन साइन - 27 किमी० (कोर हद साइन द्वारा)
(iii) नोयडा-गाजीपुर 220केवाई सेक्शन साइन का नोटिफिकल गार्डन उपकेंद्र पर लीटो -1 किमी०
(कोर हद साइन द्वारा)

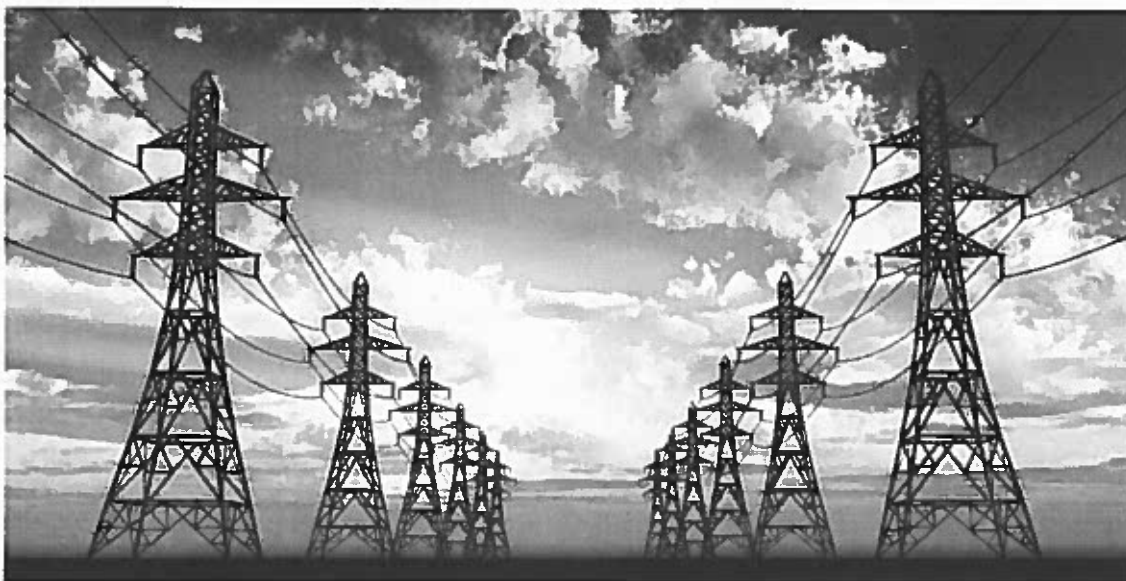
वर्षा २२ कुल अनुमानित व्यय रु० १३,३५,०००

उपरोक्त स्थान पर है-आगत इस प्रकार विकसित किए जायें ताकि उपरोक्त स्थान पर बढिध में आवश्यकता पड़ने पर 220/132कैवी प्रणाली स्थिति करने में समर्थ मिले सहित उपरोक्त स्थान पर 132कैवी दो पंपों की निम्नलि की व्यवस्था हो सकेगी।

Amo 1912 1 1 1 1 1 1

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 220/33 KV DAHI CHOWKI **SUBSTATION DISTRICT-UNNAO**



PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED**

Checklist of Project

- | | |
|------------------------------|---|
| 1. Project Identification | 3 |
| 2. Need and Justification | 4 |
| 3. Project Physical Details | 5 |
| 4. Project Approval status | 5 |
| 5. Project Financial details | 5 |
| 6. Project Benefit | 6 |

Existing nearby transmission substation load pattern Annexure-1

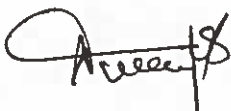
Details of load transfer to 220/33kV Substation Annexure-2

Geographical Map Annexure-3

Load Flow Study

- | | |
|--|------------|
| (i) Load flow study without 220/33kV DahiChowki s/s | Annexure-4 |
| (ii) Load flow study without 220/33kV DahiChowki s/s | |

Minutes of TWC meeting Annexure-5

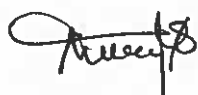


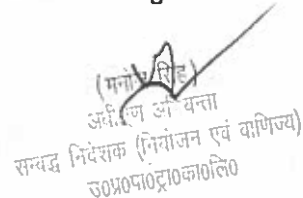
(मनाज सिंह)
अधीक्षक अभियन्ता
साम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Format for Project Summary to be submitted along with DPR

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 3x60MVA, 220/33kV Substation DahiChowkiand associated lines.
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization. ix. Any other category. (Please specify)	Category – i,v& vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP	EPC through open tender
vii.	Date of Commercial operation	COD of 220kV Dahichowki S/s is 14.10.2019.




 (मनोहर सिंह)
 जयपुर जिला
 सहायक निदेशक (निर्माण एवं वाणिज्य)
 3080510दाहचौकी

2. Need and Justification:-

i.	Aims and Objectives of the proposed project:-	Before construction of 220/33kV DahiChowki, Unnao City & nearby Industrial area was fed by 132/33 KV Sub Station, Sonik&Kundan Road,S/s having capacity of 80 MVA each. Due to drastic enhancement of load growth and upcoming of several industries, above said 132/33 KV Sub stations would not be sufficient to cater upcoming load. It was very much essential to construct new sub-station to meet out the load growth demand of fast developing industrial area of Unnao City. It was therefore propose to construct a 220/33 KV Sub-Station capacity 3x60 MVA in the campus of 400 KV S/s DahiChowkiUnnao.The sufficient land was available in the 400 KV S/S campus for construction of S/S and 220 KV Sarojini Nagar-Unnao 1st Circuit Line will be made LILO near proposed Sub-station approx. distance 100 mtr.. Presently 220kV DahiChowki S/s feeding Discom's 33kV S/s as- District court, UPSIDC, Ajgain,Bichhiya, AwasVikas substation.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4

(गणेश सिंह)
अधीक्षक अभियन्ता
सामयिक निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० का० ज०

3. Project Physical Details:-

Land requirement		Description
i.	District of the project	Unnao
ii.	Location of the project (with latitude and longitude of the location)	Latitude:26.567074 Longitude:80.544602
iii.	Total land requirement (in hectares):	Substation is constructed on 2.4 hectare land in campus of 400kV DahiChowkiUnnao Substation.

4. Project Approval Status –

Technical & Financial Approval	TWC	Approval on 1 st meeting of 13 th plan on dated 15.05.2017 and revised on 5 th meeting of 13 th plan on dated 21.09.2017
	BOD	54(32) on dated 26.09.2017
	Appraisal & Evaluation Committee	28.06.2017
	ETF	10.08.2017

5. Project Financial Details:-

(i) Project Cost:-

Sl.No.	Name Of Element	MVA / Km/No.	COST (in Cr.)
1	Construction of 220/33kV Substation(Double Main Transfer) at existing 400/220kV DahiChowki Substation.	3x60 MVA	49.12
2	Lilo of 220kV SarojaniNagar(400)-Unnao(765)kV SC line at 220kV DahiChowki S/s.	0.1km	1.82
Total			50.94

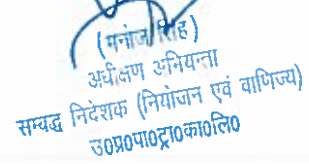
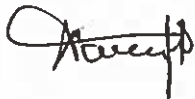
(ii) Sources of Financing (in %):-

Sl. No.	Source of Financing	Percentage
1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Rate of Interest of PFC/REC	10%
4	IRR	34.26% (Annexure-6)

(मोहोर)
अतिरिक्त अधिकारी
सम्यक् निर्देशक (निर्माण एवं बांधिज्य)
उ०प्र० पा० द० राज० ०१.१०

6. Project Benefit:

- Overloading of 132kV Sonik, kundan road substation is reduced.
- Quality of supply is improved of Unnao region.



(मन्नाज सिंह)
अधीक्षण अनियन्ता
सम्वद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Annexure-1

Existing nearby transmission sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station
765kV	Unnao	3x1000	1568MVA	Anpara-c
400kV	Unnao	3x315	733MVA	Unnao(765)
		3x160	433MVA	
132kV	Bangarmau	1x40+2x20	40MVA	Chakalwansi(132)
132kV	Bighapur	1x40+1x20	46MVA	Bachhrawan(220)via Sareni(132)
132kV	Chakalwanshi	2x40	32MVA	Sonik(132)
132kV	Morawan	2x40	77MVA	Sonik(132)
132kV	Unnao(Kundan Road)	2x63	81MVA	LucknowSarojaninagar(400)
132kV	Unnao(Sonik)	3x40	65MVA	LucknowSarojaninagar(400) via TRT (132)

Details of 220kV DahiChowki S/s and its connecting line

Name of New 220kV S/s	Capacity of 220kV S/s	Name of Source Substation	Name of connection 220kV line to source substation	Loading on connecting 220kV lines to source S/s (in Amp)
220/33kV S/s DahiChowki, Unnao	3x60 MVA	400kV S/s Unnao	LILO of 220kV Unnao-Sarojani Nagar Line	132 Amp

(सि.स. 132)
अतिरिक्त भार
समस्त निदेशक (सि.स. एवं बाणियज्य)
उ०प्र० पा० द० का० लि०

Annexure-2

Details of 33kV Load Connected to 220/33kV DahiChowki(Unnao) S/s

APPROVAL OF ZONAL COMMITTEE FOR PROPOSED 220/33 KV SUB STATION CONSTRUCTION WORKS

Capacity in MVA			VR	Name of associated line in case of new Sub Station	Length of CKT Km & Conductor	Present expected load on 33 KV	Statistics of controlling load from load will be transferred to proposed new Sub-Station		Name of feeding Sub-Station with present load	Remarks
Name of S/S	Existing	Proposed					Existing S/S	Capacity		
1	2	3	4	5	6	7	8	9	10	11
220/33 KV S/s Dahi Chowki VR 40 Capacity 2500 MVA	134	2500 MVA	220/33 KV	L.O. of 220 KV Samthi Nagar - Unnao 1st Circle	100 no. Meters	138 MVA	33/11 KV Sub-station Bichhiya	2X10-2x5 MVA	Proposed	
							33/11 KV Sub-station Aishya	2X5-2x5 MVA	--do--	
							33/11 KV Sub-station, UPSIDC Sonik	2X5 MVA	--do--	
							33/11 KV Sub-station, Karkhara	2x5MVA	--do--	
							33/11 KV Sub-station, UPSIDC Benthur	2X5 MVA	--do--	
							33/11 S/S Karkhara	2x5 MVA	--do--	
							33/11 S/S Saharman	2x10 MVA	--do--	
							33/11 S/S Hawaraj	2x5 MVA	132 KV Sub-Station, Sonik	
							Independent Feeders	10 MVA	Expected	
							Talshet & Hospital Feeder	5 MVA	Expected	


Executive Engineer
(Trans)


Executive Engineer
(Dist)

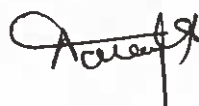

Superintending Engineer
(Dist)


Superintending Engineer
(Trans)


G.E. (TC)
Lucknow

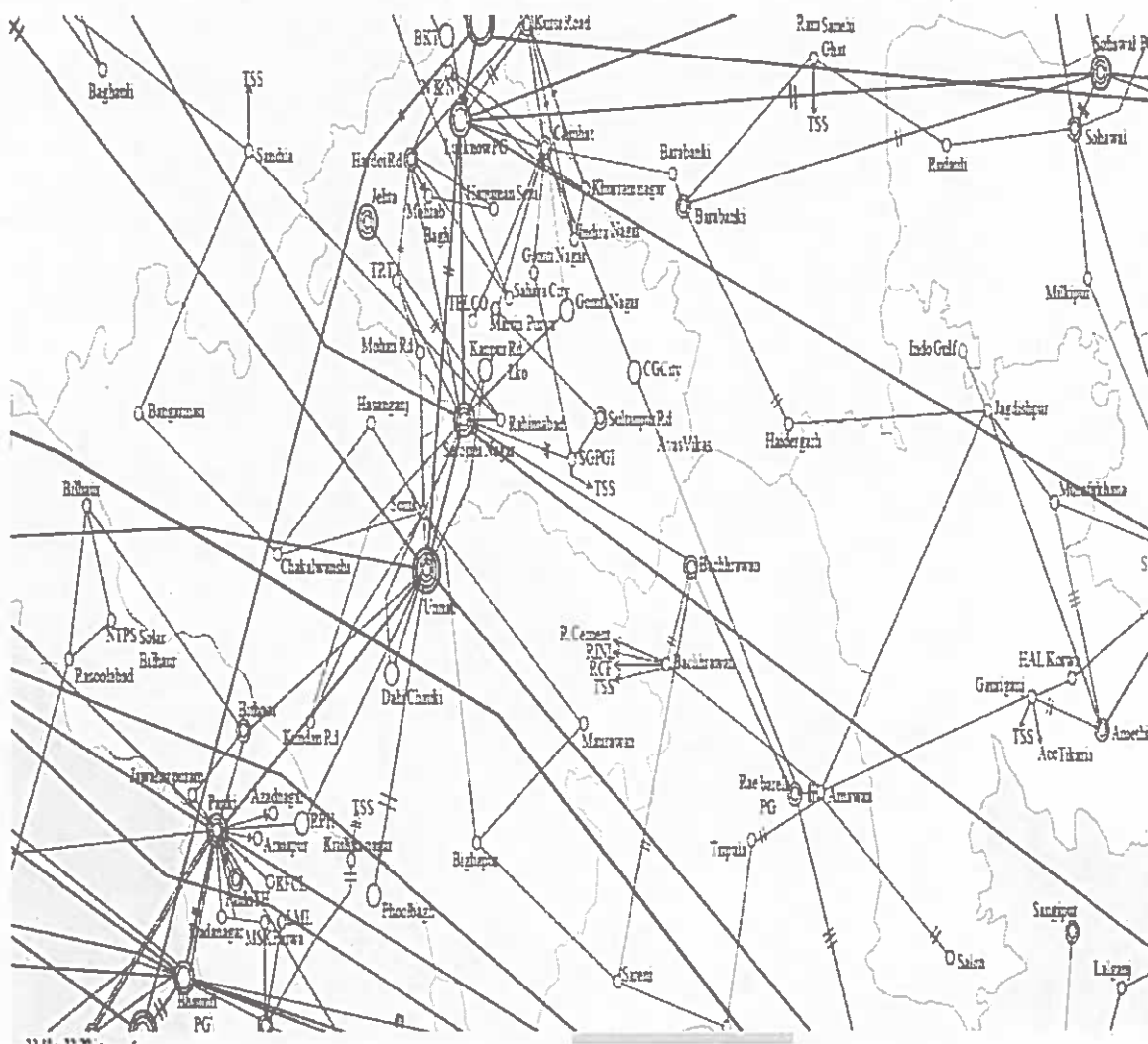
Details of 33kV S/s connected to 220/33kV DahiChowki substation.

Name of New 33/11kV S/s	Capacity of 33/11kV S/s	Length of 33kv feeder (Km.) from old 132kV S/s	Length of 33kv feeder (Km.) from New 132kV S/s
33kV S/s District Court	1 MVA	New	11km
33kV S/s UPSIDC	10 MVA	3Km.	3km
33kV S/s Ajgan	25 MVA	24Km.	24km
33kV S/s Bichhiya	10 MVA	15Km.	15km
33kV S/s AwasVikas	1x5 MVA	New	8km



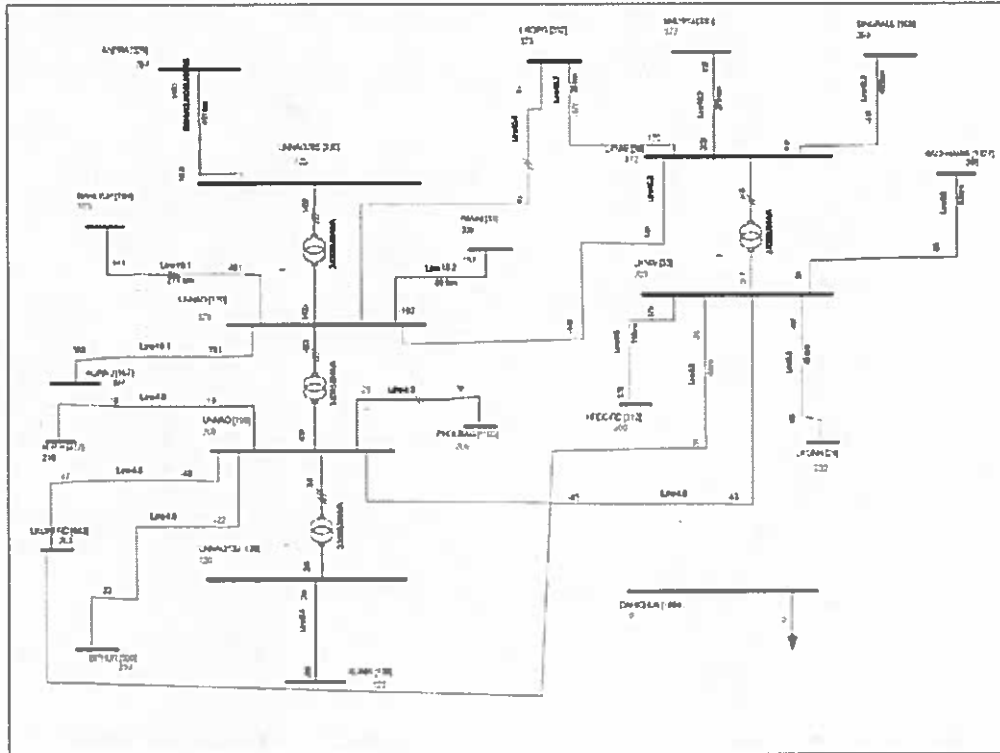

सम्वद्ध निदेशक (निर्माण एवं वाणिज्य)
उपनिर्देशक (निर्माण एवं वाणिज्य)
लखनऊ

Geographical Map of existing primary Transmission Network in District Unnao and its nearby area.



Annexure-4

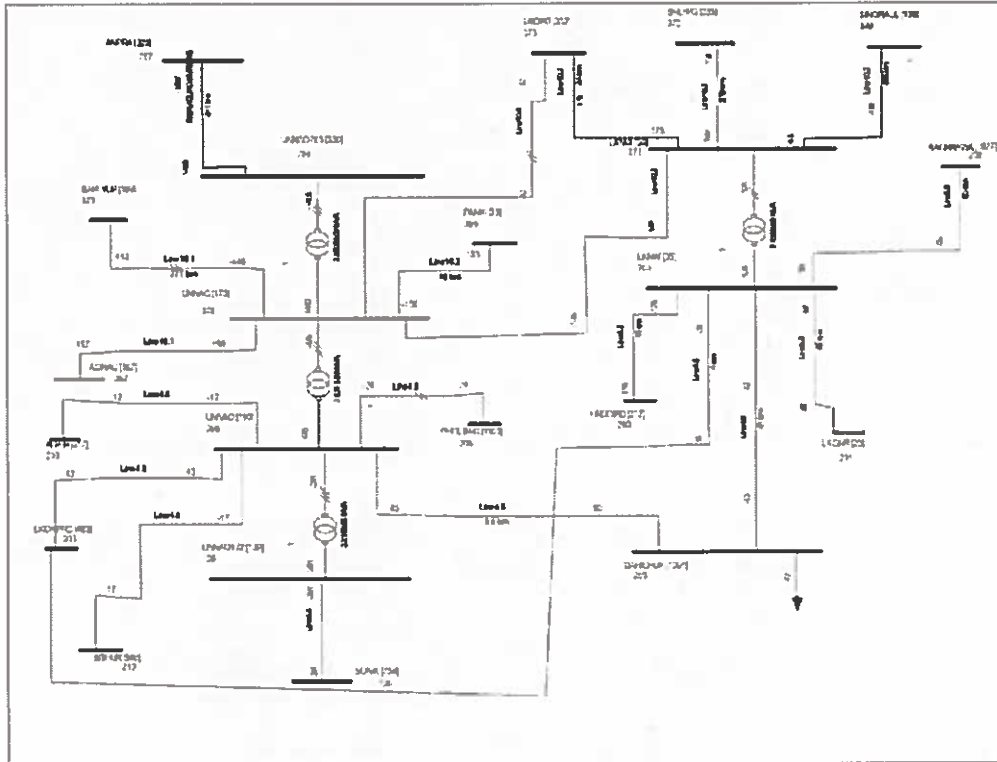
Load flow study without 220kV DahiChowkiS/s



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 (म.ग. वि. वि.)
 अर्थशास्त्र अनियन्ता
 सम्यक्ष निदेशक (निर्माण एवं वाणिज्य)
 30/04/2010

Load flow study with 220kV DahiChowki S/s



Signature

(सहस्र निरीक्षक)
सहस्र निरीक्षण अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख (उपनिवेश)

Minutes of TWC Meeting(x) **132/33 केवीओ पूरनपुर (पिलीभीत) उपकेंद्र -**

132/33 केवीओ पूरनपुर उपकेंद्र प्रस्ता :- 1x40+1x20 एमवीएओ से 2x40 एमवीएओ

अनुमानित व्यय ₹ 2.04 करोड़

(ग) पूर्ण अनुमोदित कार्यों में संशोधन :-

1. 220/33 केवीओ 3x80 एमवीएओ दही चौकी (उन्नाव) उपकेंद्र का निर्माण कार्य :-

क्षेत्र से प्राप्त भूमि अधिष्ठाता अनुसार पाठ्यक्रम कार्य अनुमोदन समिति की 13वीं पंचदशिय बैठक में प्रथम बैठक दिनांक 15.05.2017 में स्वीकृत 220/33 केवीओ दही चौकी (उन्नाव) उपकेंद्र के नगर-शहर क्षेत्र में कार्यालय न होने व विद्युत स्तंभ प्रदान करने के लिए सर्वेक्षणों के माध्यम से 220 केवीओ लाइन के प्रथम सर्किट के ताल का प्रस्ताव है। (अधिसूचना) ने उपरोक्त उपकेंद्र के प्रस्ताव में निम्नानुसार अनुमोदित किया -

टीओसीओसी की 13वीं योजनाकाल की प्रथम बैठक दिनांक 15.05.2017 में अनुमोदित प्रस्ताव का विवरण	अनुमोदन हेतु संशोधित प्रस्ताव का विवरण
(1) 400/220 केवीओ दही चौकी उन्नाव उपकेंद्र पर 220/33 केवीओ 3x80 एमवीएओ दही चौकी उन्नाव उपकेंद्र का निर्माण (डिजल गेन ट्रांसफर)	(1) 400/220 केवीओ दही चौकी उन्नाव उपकेंद्र पर 220/33 केवीओ 3x80 एमवीएओ दही चौकी उन्नाव उपकेंद्र का निर्माण (डिजल गेन ट्रांसफर)
(2) 400/220 केवीओ उपकेंद्र दही चौकी उन्नाव पर 220 केवीओ से का निर्माण-C1 अनुमानित व्यय ₹ 52.94 करोड़	(2) 220 केवीओ सर्वोच्च गहर-उन्नाव प्रथम दही चौकी उन्नाव पर लीनो-0.1 किमी अनुमानित व्यय (वर्धमान) ₹ 52.94 करोड़

अतिरिक्त व्यय ₹ 0 रूप्य है।

2. 400/220/132 केवीओ 2x500, 2x150 एमवीएओ रसुला (बलिया) GIS उपकेंद्र का निर्माण कार्य :-

इसका एक एम/टीएस जनपद क्षेत्र के उपनगर क्षेत्र की सुचारु रूप निर्माण कार्य से विद्युत आपूर्ति है, 400 केवीओ रसुला उपकेंद्र का निर्माण कार्य समिति ने दिनांक 13.10.2016 को समिति 12वीं योजनाकाल की 41वीं बैठक में निम्नानुसार अनुमोदित किया था। क्षेत्र से प्राप्त भूमि अधिष्ठाता वर्तमान में (अधिसूचना) 400 केवीओ AIS

8/

245

(अनुमोदित)
अधीक्षक अभियंता
सम्बद्ध निर्माण (निर्वाह एवं बांधिजा)
उपप्रभाग/प्रभाग/कार्यालय

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 220/132/33 KV GOLA SUBSTATION **DISTRICT-GORAKHPUR**



PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED**

(मंगल सिंह)
अधीक्षक अभियन्ता
समग्र निदेशक (नियोजन एवं बांधिज्य)
नगरपालिकाकोटि

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	5
4. Project Approval status	5
5. Project Financial details	5
6. Project Benefit	6

Existing transmission substation load pattern Annexure-1

Details of load transfer to 220/132/33kV Gola Substation Annexure-2

Geographical Map Annexure-3

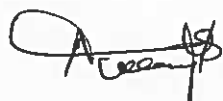
Load Flow Study

- (i) Load flow study without 220kV Gola s/s
- (ii) Load flow study with 220kv Gola s/s

Annexure-4

Minutes of TWC meeting

Annexure-5

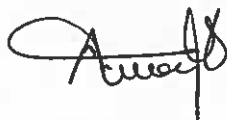


अधीनस्थ निदेशक
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख (आवक/प्रवाह)

Format for Project Summary to be submitted along with DPR

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 2x160+2x40MVA, 220/132/33kV Substation Golaand associated lines.
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization. ix. Any other category. (Please specify)	Category – i,v& vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP:	EPC through open tender
vii.	Date of Commercial Operation	23/04/2019




 (निर्माण विभाग)
 अध्यक्ष अनिवार्यता
 सम्यक् निदेशक (निर्माण एवं वाणिज्य)
 उ०प्र०प०द०का०लि०

2. Need and Justification:-

i.	Aims and Objectives of the proposed project:-	The southern part of Gorakhpur district and adjoining Mau district is highly dense, so there is high demand of electricity and also a developing part in eastern U.P. for industrial and commercial activities. Before construction of 220kV Gola s/s this area had only two primary sub-station (i) 132KV s/s Kauriram (capacity 2x40MVA) feeded by 220KV s/sBarahuwa, Gorakhpur (capacity 1x160MVA+2x100MVA) (ii) 132KV s/s Barhalganj (capacity 2x20MVA) feeded by 400KV s/sKasara, Mau (capacity 2x200MVA). The 132 kVs/s Doharighat (2x40MVA) in Mau district was also feeded by 400KV s/sKasara, Mau (capacity 2x200MVA). 132 kV S/sMohaddipur-II, Gorakhpur is also feeded from 220 KV Barahuwa, So the load on 220 KV S/s Barahuwa had been increased. The 220KV s/sBarahuwa, and 400KV s/sKasara, Mau were almost saturated hence supply of 132KV S/S Kauriram, 132 KV S/S Doharighat and 132KV S/S Barhalganj was often disturbed. There was no other 220KV S/s in southern part of Gorakhpur except 220KV S/sBarahuwa. It wasveryessential to costruct a 220KV Sub-station in southern part of Gorakhpur. Presently after construction of 220 kv Gola S/s load of 132KV S/sKauriram, (2x40 MVA), 132KV S/sBarhalganj (2x20 MVA) &132KV S/s Doharighat (2x40 MVA) is feeded from 220/132KV S/sGola, thereby reducing over loading of 220KV S/sBarahuwa& 400KV S/s Kasara Mau.Due to load reduction at 220 KV S/sBarahuwa Gorakhpur urban is also be able to get better electricity supply.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with	Annexure-4

समस्त निदेशक (निर्माण एवं वाणिज्य)
उपप्रमाणकालि

	proposed network	
--	------------------	--

3. Project Physical Details:-

	Land requirement	Description
i.	District of the project	Gorakhpur
ii.	Location of the project (with latitude and longitude of the location)	Latitude:28.0786 Longitude:80.4716
iii.	Total land requirement (in hectare):	4.04 hectare land of Gram Samaj at Gola Tehsil.

4. Project Approval Status –

Technical & Financial Approval	TWC	14 th meeting of 12 th plan dated 29.08.2014
	BOD	39 th BOD meeting dated 05.09.2015
	Appraisal & Evaluation Committee	
	ETF	

5. Project Financial Details:-

(i) Project Cost:-

Sl.No.	Name Of Element	MVA / Km/No.	COST (in Cr.)
1	Construction of 220/132/33kV Gola(Gorakhpur) s/s	2x160+2x40 MVA	54.00
2	Goprakpur(PGCIL)- Gola(220) 220kV DC line	60km	47.00
3	Lilo of 132kV kaudiram-Doharighatsc line at Gola(220)	20km	10.00
Total			111.00

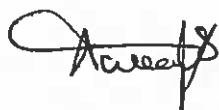
(ii) Sources of Financing (in %):-

Sl. No.	Source of Financing	Percentage
1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Present Rate of Interest of PFC/REC	10%
4	IRR	35.34% (Annexure-6)

(मनोहर सिंह)
अधीक्षक अभियन्ता
समग्र निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

6. Project Benefit:

- Overloading of 220kV Barhua S/s is reduced.
- 132kV Kauriram, Doharighat S/s gets dual source of supply.
- Quality of power supply of Gorakhpur region is improved.



अधीक्षक अभियन्ता
समग्र निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०द्रा०का०लि०

Annexure-1

Existing nearby 220kV sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load (MVA)	Source Sub-station
400/220kV	400kV Gorakhpur	1x315+1x500	754MVA	400kV Gorakhpur (P G)
220/132kV	220kV Motiram Adda Gorakhpur -II	3x160	240MVA	400kV Gorakhpur
220/132/33kV	220kV Barhuwa Gorakhpur-I	2x160+2x100	450MVA	Tanda TPS

Detail of 220 kV Gola S/s and its connecting line

Name of new 220kV S/s	Capacity of 220kV s/s	Name of source Substation	Name of connecting 220kV line to source substation	Loading on connecting 220kV lines to source s/s (in AMP)
220kV Substation Gola	2x160MV A+2x40MVA	400kV Gorakhpur- PGCIL Line	220kV PGCIL-Gorakhpur-I st	150Amp.
			220kV PGCIL-Gorakhpur-II nd	150Amp

अधीक्षण अनियन्ता
सम्यक् निर्देशक (निर्माण एवं वाणिज्य)
उपप्रमुख कार्यालय

Annexure-2

Details of 132kV Substation Connected to 220/132/33kV GolaS/s

Name of 132kV Sub-station	Capacity of 132kV S/s	Peak load of 132kV S/s	Length of 132 kV line (Km.) from new 220kV S/s
132kV s/s Kauriram	40+63MVA	180Amp	132kV Gola-Kauriram line-18Km.
132kV s/s Doharighat	40+63MVA	252Amp	132kV Gola-Doharighat line-40Km.

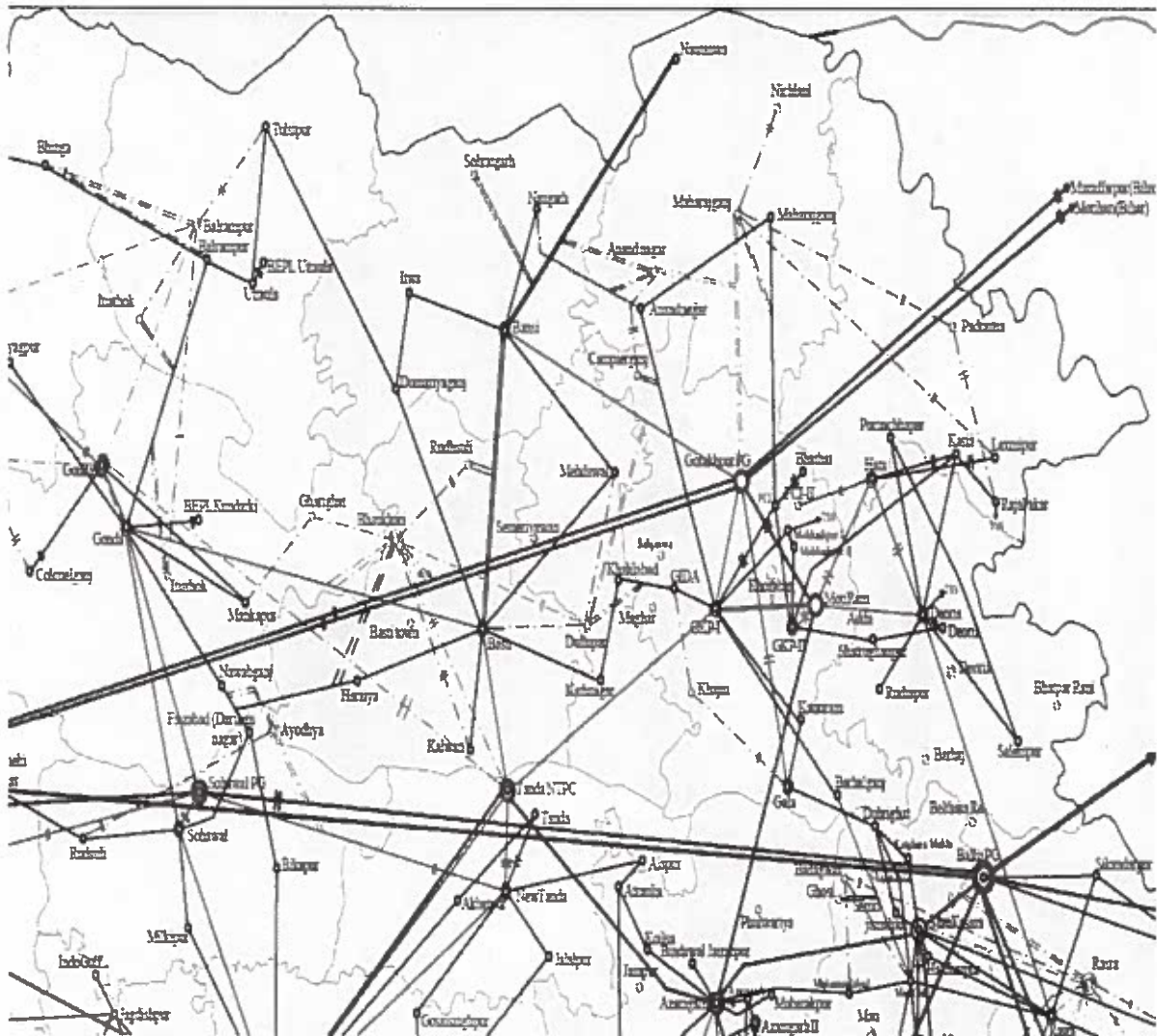
Details of 33kV substations connected to 220/132/33kV GolaSubstation

Name of 33/11 KV Substation/Feeder	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s*	Length of 33 kV feeder (Km.) from New 132kV S/s
1. (a) 33kV S/s Gola (+) (b) 33kV S/s Pakdi	2x5MVA 2x5MVA	22Km. + 54Km.	15Km. 25Km.
2. (a) 33kV S/s Dhuriapur(+) (b) 33kV S/sBidhan Nagar	2x5MVA 2x5MVA	30Km. + 44Km.	12Km. 38Km.
3. (a) 33kV S/s Harpur (+) (b) 33kV S/s Ranipur	2x5MVA 2x5MVA	22Km. + 35Km.	3Km. 19Km.
4. (a) 33kV S/s Gola Tehsil	1x5MVA	22Km.	15Km.
5. (a) 33kV S/s Baranagar Pump Canal	1x3MVA	35Km.	16Km.

(अरवि सिंह)
अधीक्षक अभियन्ता
सम्यक् निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Annexure-3

Geographical Map of existing primary Transmission Network in District Gorakhpur and its nearby area.



Construction of 220/132/33kVGola, Gorakhpur and associated lines.

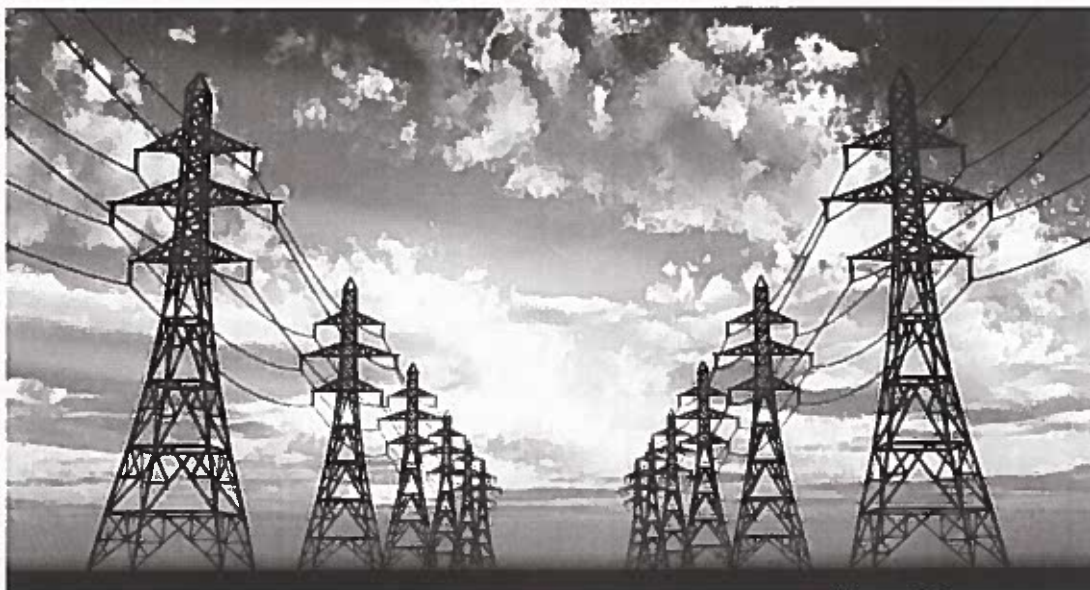
Page9

(Signature)

Minutes of TWC Meeting

- (v) 132 केवीओ सुलहाली उपकेंद्र पर 132 केवीओ से-1 लाइन
कार्यों पर कुल अनुमानित व्यय रु० 105.84 करोड़
(सम्भावित वित्त पोषण- एई बैंक)
- 2- 220/132/33 केवीओ, 2X160+2X40 एनवीएन सोरीपुर(11) उपकेंद्र :-
(i) 220/132/33 केवीओ, 2X160+2X40 एनवीएन सोरीपुर(11) उपकेंद्र का निर्माण
(ii) सोरीपुर-1(220)-जामली 300 केवीओ डाइरेक्ट लाइन-60 किमी
कार्यों पर कुल अनुमानित व्यय रु० 101.06 करोड़
(सम्भावित वित्त पोषण- एई बैंक)
- 3- 220/132/33 केवीओ, 2X160+2X40 एनवीएन गोलामोरखपुर उपकेंद्र :-
(i) 220/132/33 केवीओ, 2X160+2X40 एनवीएन गोलामोरखपुर उपकेंद्र का निर्माण
(ii) गोरखपुर(GORAKHPUR)-गोलामोरखपुर 220 केवीओ डाइरेक्ट लाइन - 62 किमी
कार्यों पर कुल अनुमानित व्यय रु० 98.60 करोड़
(सम्भावित वित्त पोषण- एई बैंक)
- 132 केवीओ**
- 1- 132/33 केवीओ, 2X40 एनवीएन गजना(अलीगढ़) उपकेंद्र :-
(i) 132/33 केवीओ, 2X40 एनवीएन गजना (अलीगढ़) उपकेंद्र का निर्माण
(ii) रीवा(220)-गजना 132 केवीओ डाइरेक्ट लाइन 20 किमी
कार्यों पर कुल अनुमानित व्यय रु० 26.00 करोड़
(सम्भावित वित्त पोषण- एई बैंक)
- 2- 132/33 केवीओ, 2X40 एनवीएन माटहरी(गोरखपुर) उपकेंद्र :-
(i) 132/33 केवीओ, 2X40 एनवीएन माटहरी(गोरखपुर) उपकेंद्र का निर्माण
(ii) गोरखपुर GORAKHPUR (132)- माटहरी 132 केवीओ डाइरेक्ट लाइन-30 किमी
कार्यों पर कुल अनुमानित व्यय रु० 31.80 करोड़
(सम्भावित वित्त पोषण- एई बैंक)
- 3- 132/33 केवीओ, 2X40 एनवीएन भोपा(पुनहणपुर) उपकेंद्र :-
(i) 132/33 केवीओ, 2X40 एनवीएन भोपा (पुनहणपुर) उपकेंद्र का निर्माण

DETAIL PROJECT REPORT FOR
CONSTRUCTION OF 220/132/33 KV
PARTAPUR,JAGRITIVIHAR SUBSTATION DISTRICT-
MEERUT



PREPARED BY:
UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED

Construction of 220/132/33kVPartapur, Jagritivihar (Meerut)and associated lines. Page1

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(मन्मथ सिंह)
अध्यक्ष अभियन्ता
सम्वद्ध निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द्वा० का० लि०

Checklist of Project

1.	Project Identification	3
2.	Need and Justification	4
3.	Project Physical Details	4
4.	Project Approval status	4
5.	Project Financial details	4
6	Project Benefit	5

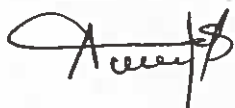
Existing transmission substation load pattern	Annexure-1
Details of load transfer to 220/132/33kV Partapur Substation	Annexure-2
Geographical Map	Annexure-3
Load Flow Study	
(i) Load flow study without 220/132/33kV Partapur s/s	Annexure-4
(ii) Load flow study with 220/132/33kV Partapur s/s	
Minutes of TWC meeting	Annexure-5

Format for Project Summary to be submitted along with DPR

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 2x160+2x40MVA, 220/132/33kV Substation PartapurJagritivihar(Meerut)and associated lines.
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization. ix. Any other category. (Please specify)	Category – i,v& vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP	EPC through open tender
vii.	Date of commercial operation	09.08.2019

Construction of 220/132/33kVPartapur, Jagritivihar (Meerut)and associated lines. Page3



2. Need and Justification:-

i.	Aims and Objectives of the proposed project:-	Before construction of 220kV partapur S/s there were 03 nos.220kV S/s namely Modipuram, Shatabdinagar and Charla substation which were feeding to Meerut region. All the substations almost saturated and sometimes overloading resulted in forced load shedding. To avoid above situation and to meet future demand, construction of 220kV S/s Partapur (Jagriti Vihar), was required. Presently 220kV Partapur S/s is feeding primary 132kV substation S/s as Naglikithore, Mundali, Lohianagar, Ganganagar, Medical college S/s and Discom's 33kV substation as Shashtrinagar, Lisarigate, Medical.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4

3. Project Physical Details:-

	Land requirement	Description
i.	District of the project	Meerut
ii.	Location of the project (with latitude and longitude of the location)	Latitude: 28.934066 Longitude: 77.749690
iii.	Total land requirement (in hectares):	4.08 hectare land provided by Awas Vikas Meerut.

4. Project Approval Status –

Technical & Financial	TWC	Approval on 13 th meeting of 12 th plan dated 08.07.2014 revised in 21 st meeting of 12 th plan on dated 08.07.2015
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उत्तर प्रदेश
अर्थ एवं उद्योग
सम्वद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०१०५०४००००००००

Approval	BOD	27.07.2015 (revised approval date)
	Appraisal & Evaluation Committee	26.02.2016.(revised approval date)
	ETF	26.07.2014

5. Project Financial Details:-

(i) Project Cost:-

SLNo.	Name Of Element	MVA / Km/No.	COST (in Cr.)
1	Construction of 220kV Partapur, Jagritivihar (Double main Transfer)	2x160+2x40	60.82
2	Partapur(Jagritivihar)-Hapur(765) 220kV DC line	40KM	31.30
3	Partapur(Jagritivihar)-Meerut(PG) 220kV SC line on DC tower	25KM	15.50
4	LILO of 132kV SC line of Naglikithor-Mundali at Partapur(Jagritivihar)	15KM	6.87
5	Partapur(Jagritivihar)-Lohianagar(Hapur) 132kV DC line	05KM	2.30
Total			116.79

(ii) Sources of Financing (in %):-

Sl. No.	Source of Financing	Percentage
1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Rate of Interest of PFC/REC	10%
4	IRR	33.48%(Annexure-6)

6. Project Benefit:-

- Overloading of 220kV Modipuram, Shatabdinagar, Charla substation is reduced.
- 132kV S/s Naglikithore, Lohianagar, Gangasagar, Medical college gets dual source of supply.
- Quality of supply of Partapur region is improved.

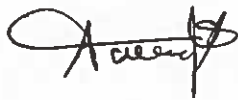
अधीक्षक अभियन्ता
समग्र निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Annexure-1**Existing nearby transmission 220kV Sub-stations load pattern**

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load (MVA)	Source Sub-station
220kV	Modipuram(Meerut)	2x200	308	765kV Meerut(PG)
220kV	Shatabadi Nagar	1x200+2x160	402	765kV Mataur(PG)
220kV	Partapur,Jagritivihar	2x160	214	Hapur(765)& Meerut(PG)

Detail of 220kV Partapur (Meerut)S/s and its connecting line

Name of New 220kV S/s	Capacity of 220kV S/s	Name of Source sub-station	Name of connection 220kV line to source sub-station	Loading on connecting 220kV lines to source s/s (in AMP)
Partapur(Meerut)	2x160+2x40MVA	765kV Hapur	220kV Partapur(Jagritivihar) Ckt-I	170AMP
		765kV Hapur	220kV Partapur(Jagritivihar) Ckt-II	175AMP
		765kV Mataur(Pgcil)	220kV Partapur(Jagritivihar)	165AMP



(मनदी सिंह)
अधीक्षक अभियन्ता
समय निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द्वा० का० लि०

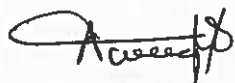
Annexure-2

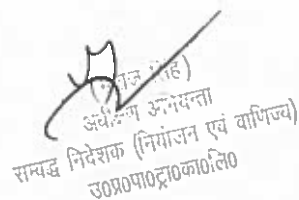
Details of 132kV Load Connected to 220/132/33kV Partapur(Meerut) S/s

Name of 132kV Sub-station	Capacity of 132kV Sub-station	Peak Load of 132kV Sub-station	Length of 132kV line (Km.) from new 220kV Substation
132kV NagliKithore	63+40MVA	175Amp.	24.02Km.
132kV Mundali	2x40MVA	67 Amp.	22.108Km.
132kV Lohiya Nagar	63+40MVA	179Amp.	1.01Km.
132kV Ganga Nagar	2x63MVA	144Amp.	15.05Km.
132kV Medical College	63+2x40MVA	250Amp.	5.06Km.

Details of 33kV Load Connected to 220/132/33kV Partapur(Meerut) S/s

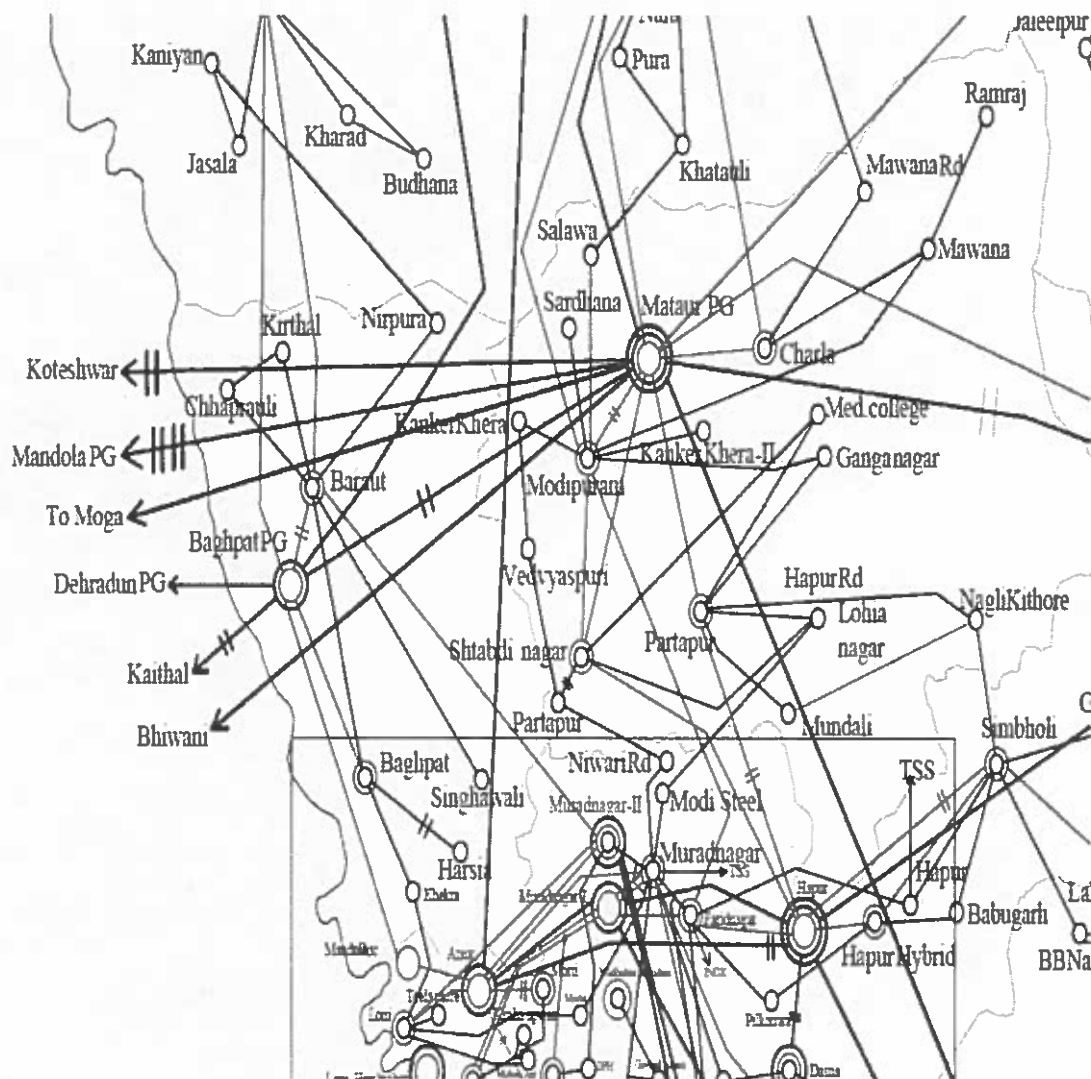
Name of 33/11kV Sub-station	Capacity of 33/11kV Sub-station	Length of 33kV feeder (Km.) from new 220/132kV Substation
33kV Shastri Nagar	2x5kV	5.5Km.
33kV Lisari Gate	2x5kV	8.9Km.
33kV Medical	2x5kV	7.0Km.




अध्यक्ष (निर्माण एवं वाणिज्य)
समय निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०ले०

Annexure-3

Geographical Map of existing primary Transmission Network in District Meerut and its nearby area.

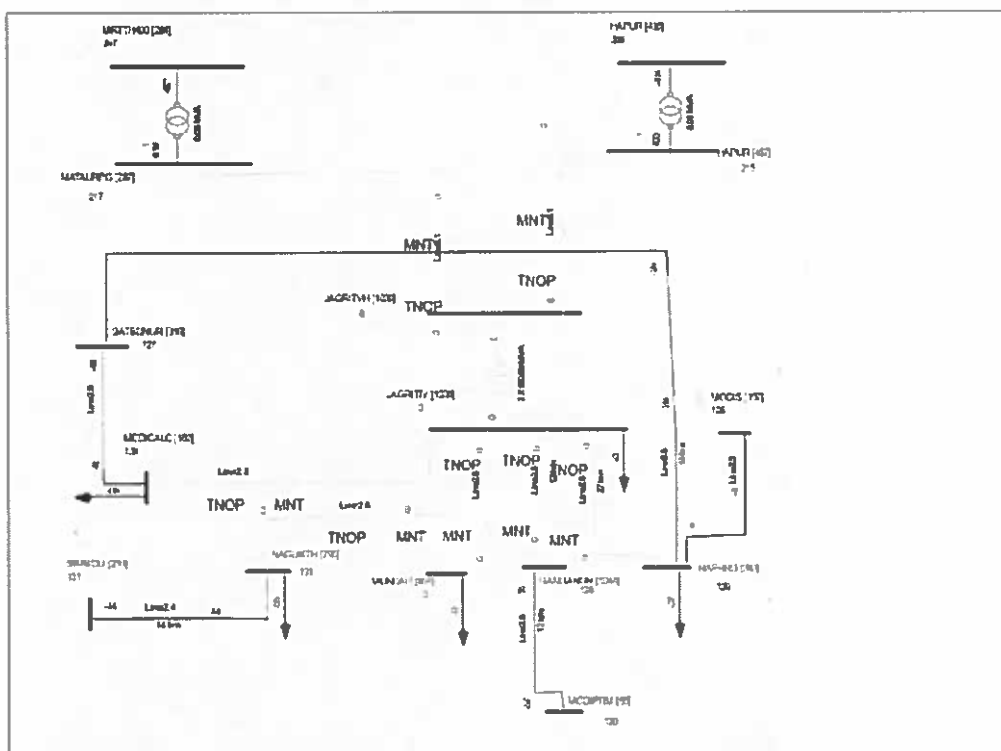


(Signature)

(मनोहर सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Annexure-4

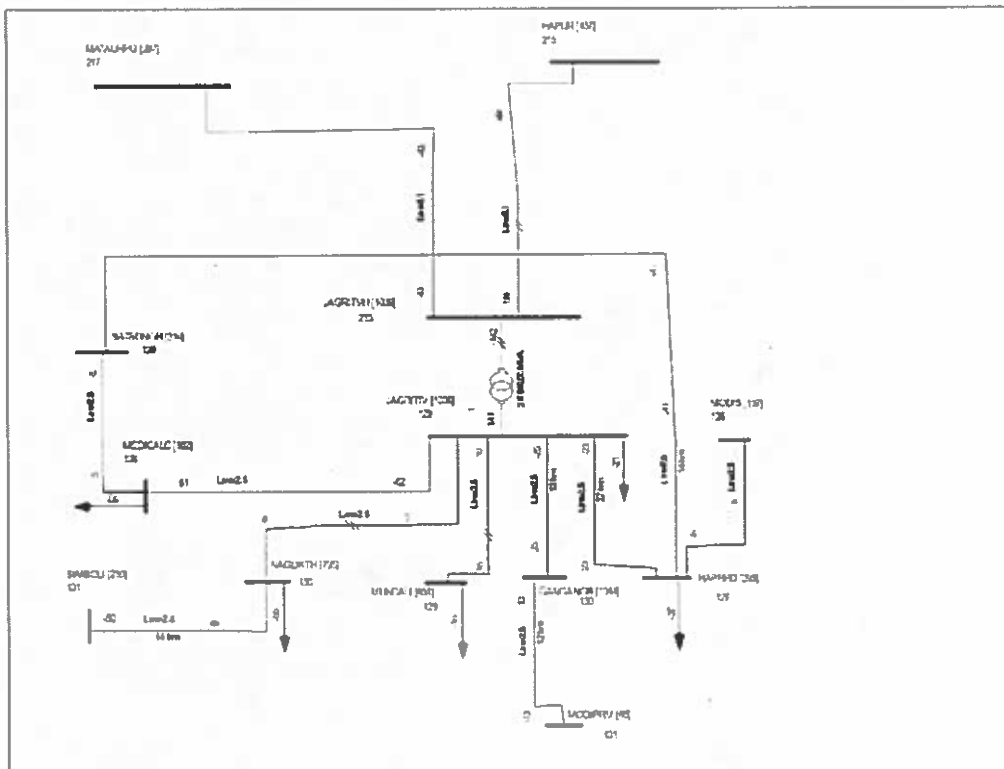
Load flow study without 220kV Partapur(Meerut)S/s (System Load-22500 MW FY 2019-20)



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(संजय सिंह)
अभिज्ञान अभियन्ता
समय निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Load flow study with 220kV Partapur(Meerut)S/s
(System Load-22500 MW FY 2019-20)



Minutes of TWC Meeting

(ख)- पूर्व अनुमोदित कार्य में संशोधन-

(i) 220/132/33 केवीए. 2x160, 2x40 एम्बीएफ परतापुर (मेरठ) उपकेन्द्र का निर्माण-

220/132 केवीए उपकेन्द्र परतापुर (मेरठ) निर्माण कार्य का समिति को 13वीं बैठक दिनांक 12.07.2014 में निम्नानुसार अनुमोदन किया गया था-

-220/132/33 केवीए. 2x160 x 2x40 एम्बीएफ उपकेन्द्र परतापुर (मेरठ) उपकेन्द्र का निर्माण

-परतापुर 220(मेरठ)-हापुड़(785) 220 केवीए सीडीसी लाइन का निर्माण-45 किमी

अनुमोदित व्यय रु. 88.00 करोड़

उपकेन्द्र हेतु देहली रोड, मेरठ पर प्राथमिक एवं द्वितीय भूमि उपलब्ध न होने के कारण अन्यत्र स्थान खोजा जायें, जगदी विहार मेरठ गवर्नमेन्ट हाई स्कूल (मेरठ) में भूमि उपलब्ध होने की सम्भावना है। भूखण्ड विकास द्वारा विस्तृत भूमि उपलब्ध है व जो उनमें रु. 40.1512 दिनांक 15.04.2015 से स्पष्ट किया गया। इस उपकेन्द्र से 80 एम्बीएफ तक आवासीय विकास क्षेत्रों के साथ जोड़कर हो सकेगा। भूमि Location को देखते हुए निम्नानुसार Connectivity प्रभाव समिति ने निम्नानुसार अनुमोदन किया-

-220/132/33 केवीए. 2x160 x 2x40 एम्बीएफ उपकेन्द्र परतापुर (जगदी विहार-मेरठ) उपकेन्द्र का निर्माण

-परतापुर(जगदी विहार)-हापुड़(785) 220 केवीए सीडीसी लाइन- 40 किमी

कुल अनुमानित व्यय रु. 88.00 करोड़

अतिरिक्त लाइनों का निर्माण-

- परतापुर(जगदी विहार-मेरठ)-मेरठ(400) केवीए सीडीसी लाइन 220 केवीए सीडीसी ट्रांसमिशन लाइन -25 किमी

- नगदीविहार - मुन्हाली 132 केवीए ट्रांसमिशन लाइन का परतापुर(जगदी विहार) पर लीन-15 किमी

-परतापुर(जगदी विहार)-लोडियानगर(हापुड़ रोड) 132 केवीए सीडीसी लाइन-05 किमी

कार्य पर कुल अनुमानित लागत रु. 92.12 करोड़

द्वितीय स्त्रोत एवं 132 केवीए Downstream उपकेन्द्रों से जोड़ने हेतु लाइनों के कारण अतिरिक्त लागत रु. 24.87 करोड़

(ii) 220/132/33 केवीए 2x160-2x40 एम्बीएफ मोदीपुरम(I) उपकेन्द्र का निर्माण-

मेरठ जम्पद के शमादीनगर, मोदीपुरम एवं चारन जं.दि 220 केवीए उपकेन्द्र के पूर्ण भागों के दृष्टिगत दिनांक 29.08.2014 को समिति की 14वीं बैठक में 220 केवीए मोदीपुरम-I उपकेन्द्र का निर्माण निम्नानुसार अनुमोदित किया गया था-

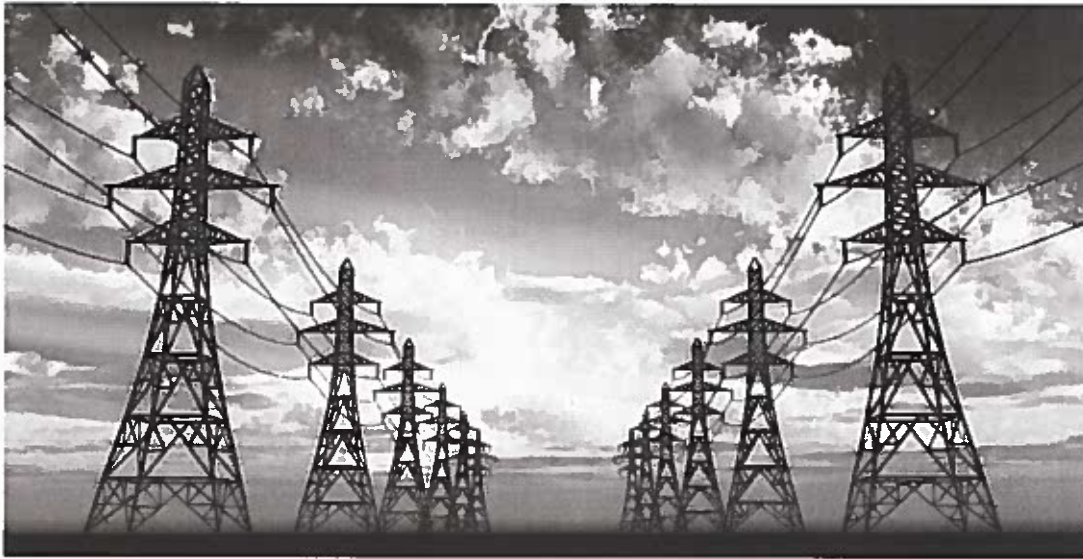
-220/132/33 केवीए 2x160-2x40 एम्बीएफ मोदीपुरम(I) उपकेन्द्र का निर्माण

-मोदीपुरम-I(220)-शामली(400) केवीए सीडीसी लाइन-60 किमी

(शामली 400 केवीए उपकेन्द्र निर्माणाधीन है।)

अनुमानित व्यय रु. 101.00 करोड़

DETAIL PROJECT REPORT FOR
CONSTRUCTION OF 220/132,220/33 KV
PARTAPVIHARSUBSTATION DISTRICT-GHAZIABAD



PREPARED BY:
UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED

(महाज सिंह)
अधीक्षण अनियन्ता
साम्यद निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Checklist of Project

- | | |
|------------------------------|---|
| 1. Project Identification | 3 |
| 2. Need and Justification | 4 |
| 3. Project Physical Details | 5 |
| 4. Project Approval status | 5 |
| 5. Project Financial details | 5 |
| 6. Project Benefit | 6 |

Existing transmission substation load pattern Annexure-1

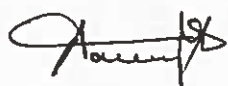
Details of load transfer to 220/132, 220/33kV Substation Annexure-2

Geographical Map Annexure-3

Load Flow Study

- | | |
|---|------------|
| (i) Load flow study without 220/132, 220/33kV Partapur s/s | Annexure-4 |
| (ii) Load flow study without 220/132, 220/33kV Partapur s/s | |

Minutes of TWC meeting Annexure-5

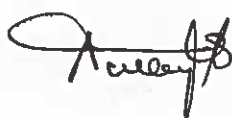


(मनीष सिंह)
अवकाश अनियन्ता
समय निर्देशक (नियोजन एवं वाणिज्य)
नम्रप्राप्ति 04/04/2010

Format for Project Summary to be submitted along with DPR

1. Project Identification:-

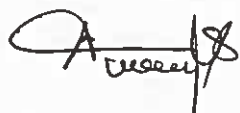
i.	Name of the project/ scheme:	Construction of 1x160,3x60MVA, 220/132kV, 220/33kV Hybrid Substation Partapvihar (Ghaziabad)and associated lines.
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization. ix. Any other category. (Please specify)	Category – i,v& vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP	EPC through open tender
vii.	Date of Commercial Operation	220/33 kV S/s 30/10/2019 220/132kV S/s16/01/2020.



(मन्त्रालय)
अधीक्षण अभियन्ता
साम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय

2. Need and Justification:-

i.	Aims and Objectives of the proposed project:-	Before construction of 220kV Pratapviah S/s, Electricity was being supplied in Ghaziabad from 220 KV Sub Station Sahibabad (2x200+3x63MVA), 220 KV Loni (1x150 +1x200MVA) and 220 KV Muradnagar (2x200 +1x160 MVA) and 07 Nos. 132 KV Sub Station Namely, Vaishali (63+2x40 MVA), Morta (2x63+1x40MVA), LalKuan (1x40+1x100 MVA), Mohan Nagar(3x40+1x20MVA) Industrial Area (2x40+1x20 MVA), KanhaUpvan (2x40 MVA), Teela Mod (2x63 MVA), DPH (2x63 MVA). All the above seven substations werebeing fed from 220 KV Sub Station, Muradnagar& 220 KV S/S Sahibabad and 220 KV Sub Station, Loni. As a result, the existing 03 Nos. 220/132/33 KV Sub Station werenot sufficient, in spite of utilization of their full capacity and frequent rostering need to be done to keep loading of transformer and lines within their safe capacity limit.Hence, new 220 KV Sub Station was required in Ghaziabad. Presently 220kv Hybrid s/s Pratapviharis catering the load of 132kV s/s DPH and 220kV s/s Sahibabad and also load of pratapvihar,Sidhathvihar and new society developing around periphery of s/s.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4



(प्रवीर सिंह)
अध्यक्ष अनियंता
समय निदेशक (नियोजन एवं वित्तिय)
उपप्रमाणितकालि

3. Project Physical Details:-

Land requirement		Description
i.	District of the project	Ghaziabad
ii.	Location of the project (with latitude and longitude of the location)	Latitude:28.639159 Longitude:77.401703
iii.	Total land requirement (in hectares):	1.43189 hectare land is provided by Uttar Pradesh AwasVikasParishad at free of cost.

4. Project Approval Status –

Technical & Financial Approval	TWC	Approval on 29 th meeting of 12 th plan on dated 03.02.2016
	BOD	26.02.2016
	Appraisal & Evaluation Committee	26.02.2016.
	ETF	02.03.2016

5. Project Financial Details:-

(i) Project Cost:-

Sl.No.	Name Of Element	MVA / Km/No.	COST (in Cr.)
1	Construction of 220/132kV,220/33kV Hybrid S/s.	1x160, 3x60	70.98
2	Lilo of one circuit of Muradnagar(400)- Sahibabad 220kV DC line at PratapVihar(on Monopole)	04KM	8.27
3	Indirapuram(400)-Pratapvihar 220kV SC line(on Monopole)	08KM	5.24
Total			84.49

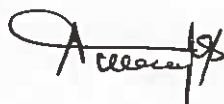
(महेश सिंह)
अधीक्षक अभियन्ता
सम्बद्ध निर्देशक (निर्वाहन एवं वाणिज्य)
उ०प्र० पा० द्वा० का० लि०

(ii) Sources of Financing (in %):-

Sl. No.	Source of Financing	Percentage
1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Present Rate of Interest of PFC/REC	10%
4	IRR	39.62%(Annexure-6)

6. Project Benefit:

- Overloading of 220kV Substation Shahibabad, Loni, Muradnagar is reduced.
- 132kV Industrial area(Rathi)&DPH gets dual source of supply.




(गुप्त/सि)
अध्यक्ष अनियन्ता
समय निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र०पा०द०का०लि०

Annexure-1

Existing nearby transmission Sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load (MVA)	Source Sub-station
220kV	Faridnagar	1x160+1x100	94	Hapur(765) and Muradnagar-I(400)
		220/33, 2x60	75	
220kV	Loni	1x200+1x150	315	Muradnagar-II(400)
220kV	Morti	2x160	315	Ataur(400)
		220/33, 2x60	107	
220kV	MadhubanBapudham	1x100	30	Energized from low voltage side
		220/33, 1x60	30	
220kV	Mandolavihar	3x60	54	Bagpat(PG)
220kV	Muradnagar	2x200+1x160	487	Sikandarabad(400)
220kV	Shahibabad	2x200	277	Muradnagar-I(400) and Indirapuram(400)

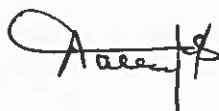
Detail of 220/132kV, 220/33kV Partapvihar S/s and its connecting line

Name of new 220kV S/s	Capacity of 220kV S/s	Name of Source Substation	Name of Connecting 220kV line to source substation	Loading connecting 220kV line to source S/s (in Amp)
220kV Hybrid S/s PratapVihar	1x160+3x60	400kV S/s Muradnagar-I	220kV Muradnagar-I-PratapVihar line	400Amp
		220kV S/s Sahibabad	220kV Sahibabad-PratapVihar line	250 Amp

Annexure-2

Construction of 220/132KV Partapvihar, (Ghaziabad) and associated lines.

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(मनोज सिह)
अधीक्षक अभियन्ता
सामय निदेशक (नियोजन एवं वाणिज्य)
उत्तर प्रदेश विद्युत निगम लि.

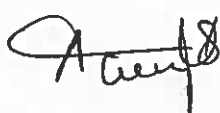
Details of 132kV S/s Connected to 220/132kV Partapvihar(Ghaziabad)S/s

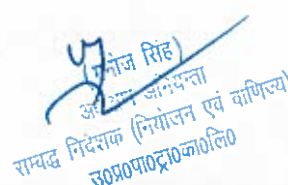
Name of 132kV S/s	Capacity of 132kV S/s	Peak load of 132kV S/s	Length of 132kV line (Km.) from new 220kV S/s
132kV S/s I.A. (Rathi)	1x63+2x40	88MVA	3Km.
132kV S/s DPH	2x63	91MVA	11.1Km.

Details of 33kV Load Connected to 220/33kV Partapvihar(Ghaziabad) S/s

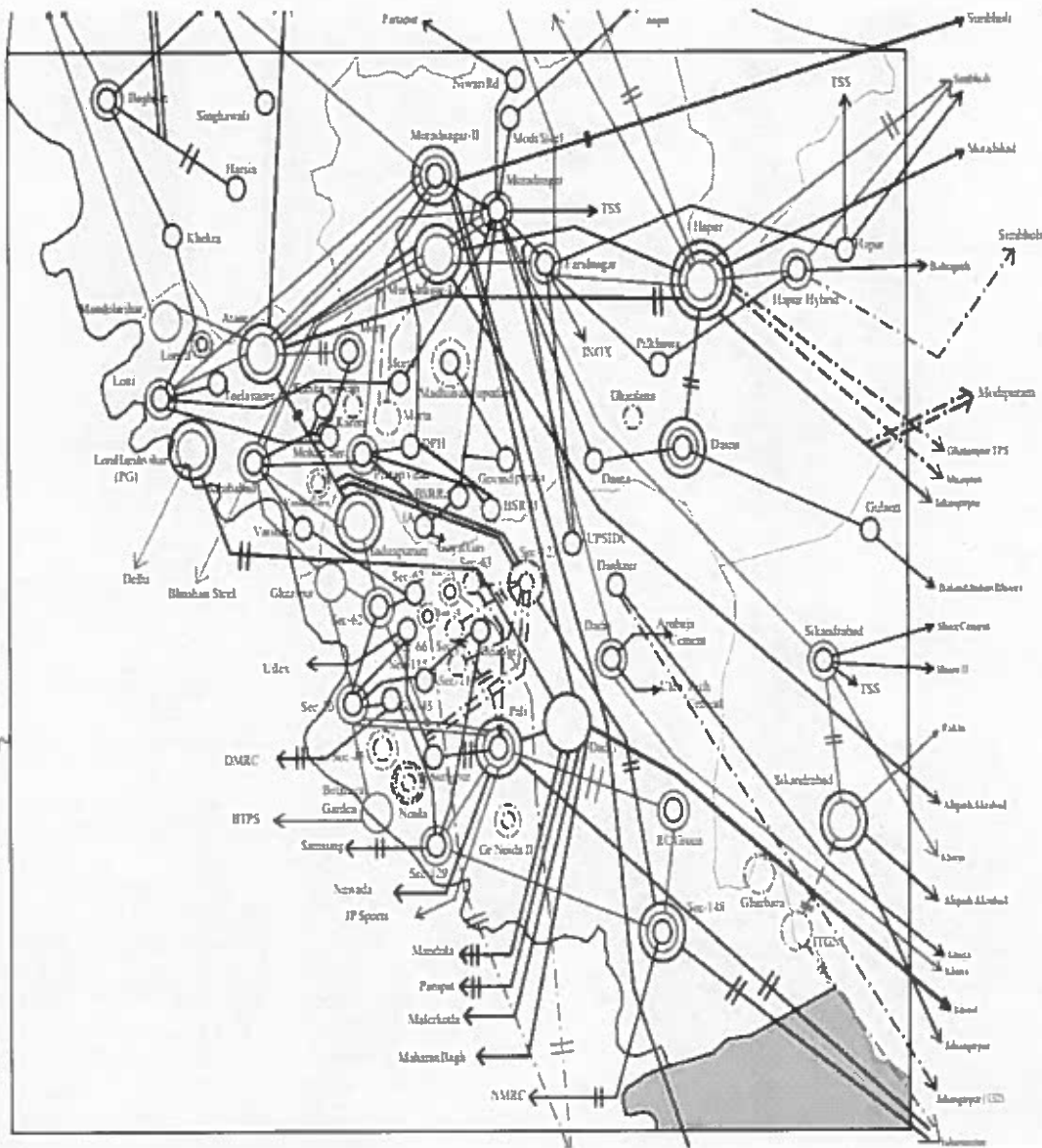
Name of new 11/33kV S/s	Capacity of 33/11kV S/s	Length of 33kV feeder (Km.) from old 132kV S/s	Length of 33kV feeder (Km.) from new 220kV S/s
33kV Charan Singh Colony	18 MVA	3.5Km.	4Km.
33kV SidharthVihar	20 MVA	6Km.	2Km.
33kV PratapVihar-I	20 MVA	6.5Km.	2.85Km.
33kV PratapVihar-II	20 MVA	6.5Km.	2.85Km.
33kV AkbarpurBaharampur	20 MVA	3Km.	2Km.

Annexure-3




रामचंद्र निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

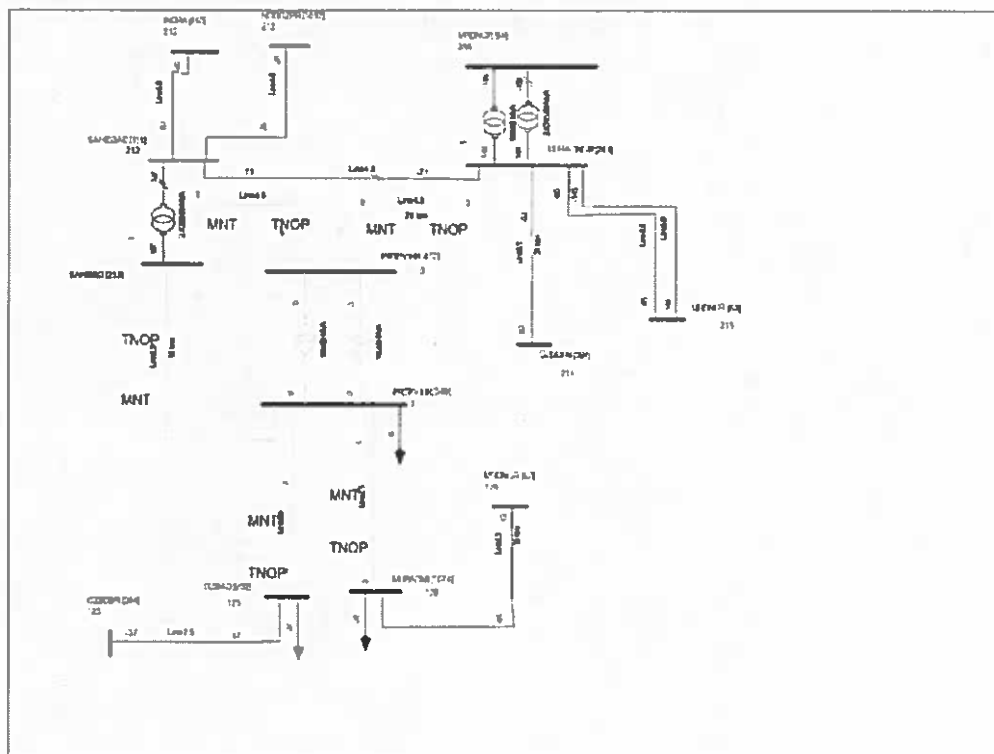
Geographical Map of existing primary Transmission Network in District Ghaziabad and its nearby area.



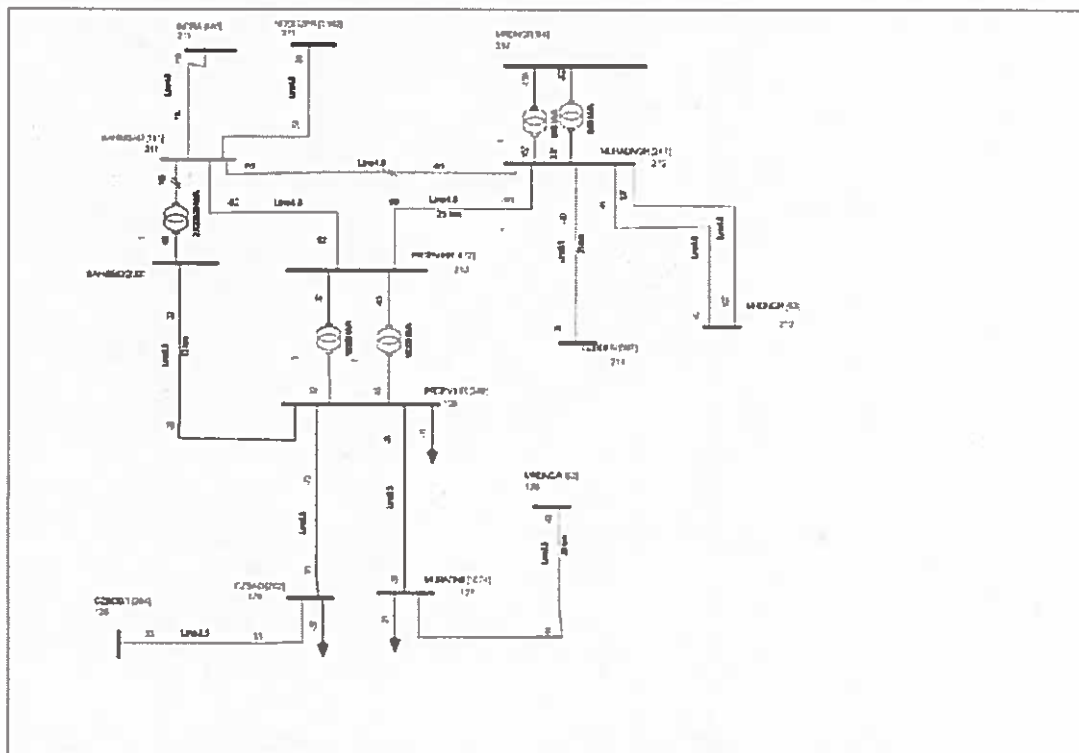
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(निर्देशक)
अधीनस्थ अनियन्ता
सम्यक् निर्देशक (निर्वाजन एवं वाणिज्य)
उ०प्र०पा००३/०३/०३/०३

Annexure-4



Load flow study with 220kV Partapvihar(Ghaziabad) hybrid S/s



Minutes of TWC Meeting

11वें प्लान की 7वीं बैठक में अनुमोदित	संशोधन सम्पर्कता Connectivity अनुमोदित
-220 केवी: 7000(400 केवी)-गोखड़ा(220 केवी) दोपरी इंटरकनेक्टर- 30 किमी	-गोखड़ा (400) - गोखड़ा (220) 220 केवी इन्टरकनेक्टर - 15 किमी -220 केवी सगुन्द गोखड़ा पर 220 केवी बस-कन्क्टर (हड्डिबस प्रणाली द्वारा) 'बे'-1 अक्ष -400 केवी उपकेंद्र (Isolux) गोखड़ा पर 220 केवी 'बे' - 2 अक्ष

(II) 220/132 केवी0 प्रताप विहार (गाजियाबाद) उपकेंद्र :-

समिति की 11वें प्लान की 23वीं बैठक दिनांक 27.02.2018 में उपकेंद्र विमानानुसार अनुमोदित किया गया :-

(i) 220/132 220/132 केवी0 1x160, 3x60 एमपीएल प्रताप विहार उपकेंद्र का निर्माण

(ii) 220 केवी0 सेली इन्वेंटरफुल (400) प्रताप विहार - 8 किमी

(iii) 220 केवी0 पोस्ट - प्रताप विहार 220 केवी0 सीरी लाइन - 12 किमी

संज्ञक स्थान में स्थापित होने वाली भूमि की सहायता न होने के कारण उपकेंद्र का निर्माण सम्भव नहीं हो सका है। सूचित किया कि अग्रतः विकास परिषद द्वारा सीमित भूमि उपलब्ध हो सकेगी है जिससे AIS के स्थान पर substation उपकेंद्र निर्माण हो सकेगा है। उक्त स्थिति में विमानानुसार कार्य को धरोपण का अनुमोदित किया :-

220/132, 220/132 केवी0 1x160, 3x60 एमपीएल प्रताप विहार (गाजियाबाद) उपकेंद्र (Hybrid) का निर्माण

- पुरातन (100) - सहित बंद 220 केवी0 डीसी लाइन के एक सख्त का प्रताप विहार पर सीरी (सोरोपोल पर)

- 04 किमी

- इन्वेंटरफुल (400) - प्रताप विहार 220 केवी0 एस सी लाइन (सोरोपोल पर) - 23 किमी

(III) 132 केवी0, 2x160 एमपीएल, कानिया (गाजियाबाद) उपकेंद्र :-

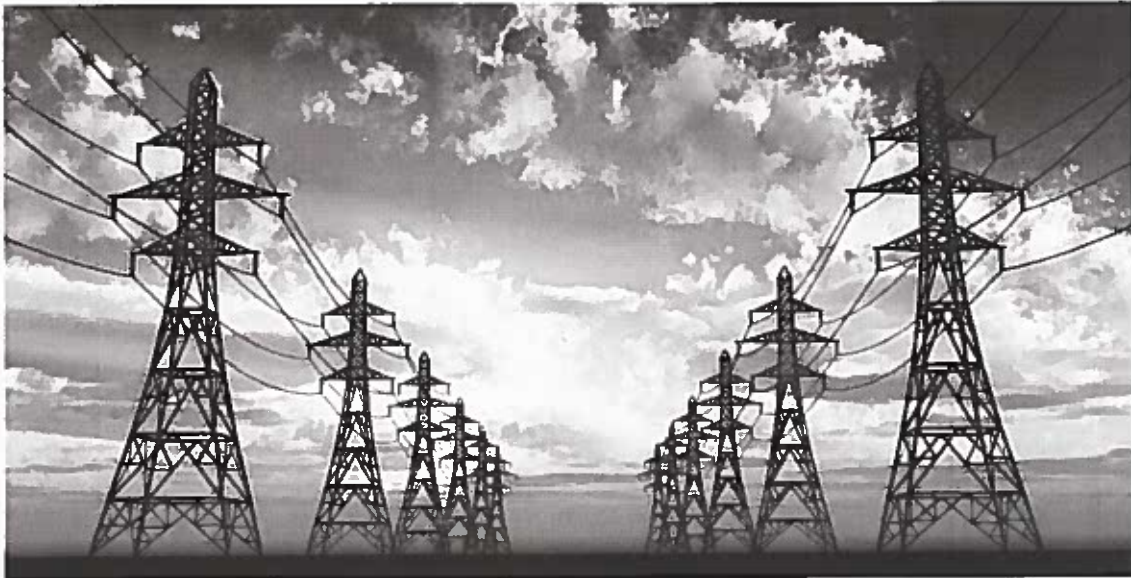
समिति की 11वें प्लान की 23वीं बैठक दिनांक 27.02.2018 में उपकेंद्र विमानानुसार अनुमोदित किया गया था।

उपकेंद्र की पूर्ण की समाप्ति है। यह उपर्युक्त 132 केवी0 connectivity हेतु उपयुक्त स्त्रोत है प्रधान करने

की दृष्टि से विमानानुसार उपर्युक्त connectivity निर्माण का अनुमोदित किया गया है।

(महेश सिंह)
अधीक्षक अभियन्ता
सम्यक् निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० क० लि०

DETAIL PROJECT REPORT FOR
CONSTRUCTION OF 220/33 KV PHOOLBAGH SUBSTATION
DISTRICT-KANPUR

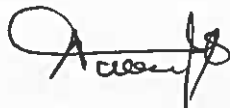


PREPARED BY:
**UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED**

(गुनाज सिंह)
अधीक्षण अनियन्ता
साम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
30/04/2010

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	4
4. Project Approval status	5
5. Project Financial details	5
6. Project Benefit	6
Existing nearby transmission substation load pattern	Annexure-1
Details of load transfer to 220/33kV Substation	Annexure-2
Geographical Map	Annexure-3
Load Flow Study	
(i) Load flow study without 220/33kV Phoolbaghs/s	Annexure-4
(ii) Load flow study without 220/33kV Phoolbaghs/s	
Minutes of TWC meeting	Annexure-5



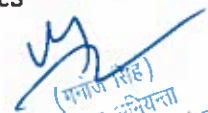
(निर्देशक)
समय निर्देशक (निर्माण एवं वाणिज्य)
उपप्रमुख (निर्माण एवं वाणिज्य)

Format for Project Summary to be submitted along with DPR

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 2x60MVA, 220/33kV Phoolbagh Substation and associated lines.
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization. ix. Any other category. (Please specify)	Category – i,v& vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP	EPC through open tender
vii.	Date of Commercial operation	15.11.2019.




(सुनील सिंह)
अधीक्षक अभियन्ता
समग्र निर्देशक (निर्माण एवं वाणिज्य)
उपप्रमुख कार्यालय

2. Need and Justification:-

i.	Aims and Objectives of the proposed project:-	District Kanpur Nagar is commercial & industrial town of U.P. Before construction of 220kV Phoolbagh S/s, Highly populated areas of Kanpur City like Phoolbagh, ZaribChauki, Civil lines, ParedwasFed from 220 KV S/S R.P.H & 132 KV S/S Azadnagarwhich is 8 to 10 Km. away from end Primary Sub Stations . 33 KV feeders feeding secondary 33/11 KV S/s were over loaded. Therefore frequent break downs in 33 KV lines occurred. Hence it was utmost requirement to construct primary 220 KV GIS S/s near above areas. Presently 220kV Phoolbagh S/s is feeding following 33kV S/s of Kesco-Phoolbagh,OEF,Jhadibaba,Dalmandi S/s.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4

3. Project Physical Details:-

Land requirement		Description
i.	District of the project	Kanpur
ii.	Location of the project (with latitude and longitude of the location)	Latitude:26.468862N Longitude:80.366775E

(मनमोहन सिंह)
 अधीक्षण अभियन्ता
 सार्वजनिक निर्माण एवं वाणिज्य
 ३०३०५०३०३०३०३०

iii.	Total land requirement (in hectares):	Substation is constructed on 1.00 hectare land of irrigation department U.P.
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4. Project Approval Status –

Technical & Financial Approval	TWC	Approval in 21 st meeting of 12 th plan 08.07.2015
	BOD	27.07.2015
	Appraisal & Evaluation Committee	03.08.2015
	ETF	07.08.2015

5. Project Financial Details:-

(i) Project Cost:-

Sl.No.	Name Of Element	MVA / Km/No.	COST (in Cr.)
1	Construction of 220/33kV GIS Phoolbag S/s	2x60MVA	66.22
2	Unnao(400)-Phoolbagh 200kV DC line(including River crossing)	50km	48.00
3	220kV Bay at Unnao(400) Substation.	02nos.	4.00
Total			118.22

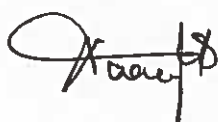
(ii) Sources of Financing (in %):-

Sl. No.	Source of Financing	Percentage
1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Rate of Interest of PFC/REC	10%
4	IRR	8.22% (Annexure-6)

(मनीषा सिंह)
अधीक्षक अभियन्ता
समृद्ध निदेशक (निर्वाह एवं बाणियज्य)
उ०प्र० पा० द० का० लि०

6. Project Benefit:

- Quality of supply of Phoolbagh region is improved.
- Overloading of 220kV RPH and 132kV Azadnagar is reduced.




अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उपप्रमाणितकालि

Annexure-1

Existing nearby transmission sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load	Source Sub-station
220kV	Panki	220/132 3x160	410MVA	Unnao(765)
		220/33 1x60	54MVA	
		132/33, 3x40	62MVA	
220kV	RPH	220/33, 3x60	120MVA	Panki(400)
132kV	Azadnagar	132/33 2x63+1x40	129MVA	Panki(400)

Details of 220kV PhoolbaghS/s and its connecting line

Name of new 220kV S/s	Capacity of New 220kV s/s	Name of source Substation	Name of connecting 220kV line to source substation	Loading on connecting 220kV lines to source (in AMP)
220kV GIS Substation Phoolbagh	2X60MVA	400kV S/s Unnao	220kV DC Unnao-PhoolbaghCkt-I	42 Amp
			220kV DC Unnao-PhoolbaghCkt-II	42AMP

Annexure-2

Construction of 220/33kVPhoolbaghand associated lines. Page7

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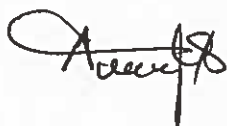
(मनोज सिंघ)
अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
२०२०/२०२१/२०२२

Details of 33kV Load Connected to 220/33kV Phoolbagh S/s

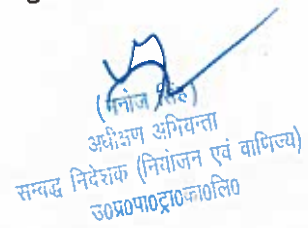
Name of 33/11kV s/s	Capacity of 33/11kV S/s	Length of 33 kV feeder (Km.) from old 132kV S/s	Length of 33 kV feeder (Km.) from New 132kV S/s
Phoolbagh	20MVA	6km	1 Km.
OEF	25MVA	6km	1 Km.
Jhadibaba	10MVA	6.5km	0.3 Km.
Dalmandi	35MVA	6.5Km	1.5Km.

Annexure-3

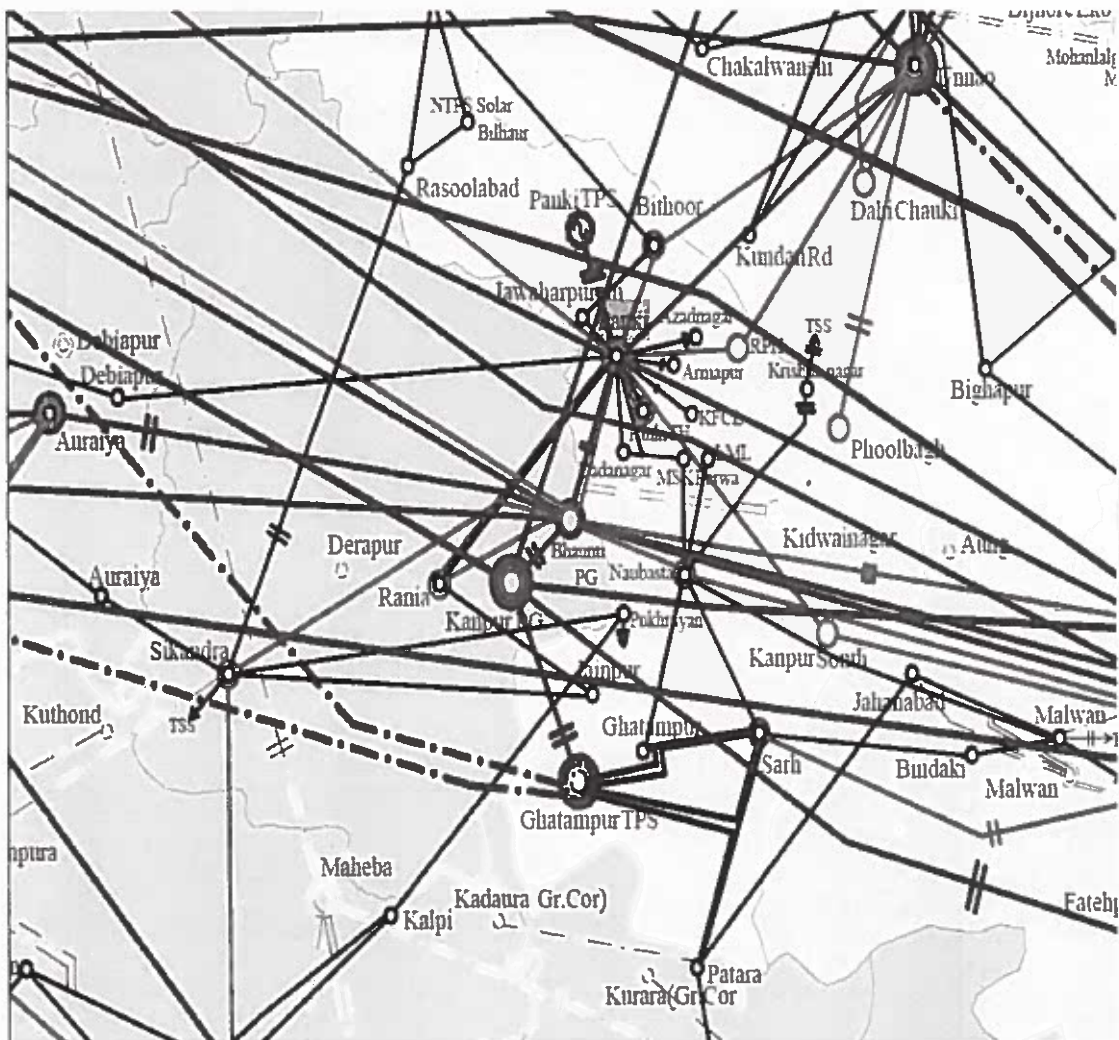
Construction of 220/33kV Phoolbagh and associated lines. Page 8



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(निर्वाहक)
अधीक्षक अभियन्ता
सम्बद्ध निर्देशक (निर्वाहन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Geographical Map of existing primary Transmission Network in District Kanpur and its nearby area.



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 संयोजक (निर्माण)
 संयोजक (निर्माण एवं वाणिज्य)
 20/04/2010 का 01/10

Minutes of TWC Meeting

कारपोरेशन द्वारा गठित "पारेषण कार्य अनुमोदन समिति" की दिनांक 08.07.2015 को सम्पन्न 12वीं योजनाकाल की 21वीं बैठक का कार्यवृत्त ।

बैठक में निम्न अधिकारी उपस्थित थे :-

- 1- श्री दिनेश चौहान, प्रभु निदेशक, उद्योग विभाग, एन.डी.ए. एवं उद्योग समिति।
- 2- श्री एन.डी.ए. अग्रवाल, निदेशक (विभाग) एवं सदस्य समिति।
- 3- श्री शताशु अग्रवाल, निदेशक (अपरेसन) एवं सदस्य समिति।
- 4- श्री अरुण प्रताप सिंह निदेशक (कार्य एवं परिधान) एवं सदस्य समिति।
- 5- श्री गुणन गुप्ता, मुख्य अभियंता (निर्माण विभाग) एवं संयोजक सदस्य समिति।

निदेशक (अपरेसन) एवं विभाग प्रमुखों से प्रथम बैठक के तत्पश्चात् समिति ने समस्त विभागों/प्रभागों निम्न निर्णय लिए :-

(क) नये कार्य :-

(i) 220/33 क्वी.डी. 2x80 एम्पडीएच लेजर गंगा कानाल फूलबाग(कानपुर) उपकेन्द्र (GIS) का निर्माण:-

कानपुर नगर आपूर्ति हेतु मुख्यतः 220/132 क्वी.डी. पनक्ति 220/132 क्वी.डी. नीचरला एवं 220/33 क्वी.डी. R.P.H. उपकेन्द्र है। 220 क्वी.डी. पनक्ति से पनक्ति 32 क्वी.डी. आनन्दनगर उपकेन्द्र एवं 220/33 क्वी.डी. R.P.H. समन्वयित अतिभारित रहने से इस पर कम्पन वृद्धि हेतु सीमित भूमि एवं दबावपूर्ण अतिरिक्त लाइनों के निर्माण में ROW सम्पत्तियों के कारण विस्तार नहीं किया जा सकता है। अतः इन उपकेन्द्रों में कुल भार को स्वामान्तरित कर एवं नये विकसित हो रहे गंगा से दृष्टिगत समिति ने एक नया 220/33 क्वी.डी. उपकेन्द्र की आवश्यकता अनुभव की। फूलबाग क्षेत्र में सिपाई विभाग के द्वारा लांजर गंगा कानाल की क्षमता उपलब्ध है। क्षेत्र द्वारा फूलबाग (कानपुर) से आनन्दनगर उपकेन्द्र निर्माण हेतु कानपुर नगर के मध्य में इस सीमित भूमि की उपलब्धता विनिर्दिष्ट की गयी है जिसपर GIS उपकेन्द्र बनाना ही सम्भव है। इस उपकेन्द्र के निर्माण हो जाने से कानपुर नगर के मध्य स्थित क्षेत्रों को बचाने द्वारा निम्नलिखित आर्थिक भारण सम्भव होगा। अतः समिति ने निम्नानुसार अनुमोदित किया:-

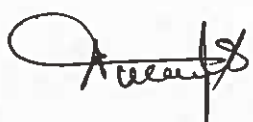
-220/33 क्वी.डी. 2x80 एम्पडीएच लेजर गंगा कानाल (फूलबाग-कानपुर) उपकेन्द्र का GIS पद्धति से निर्माण (अर्थ कीर्तिग कार्य सहित)

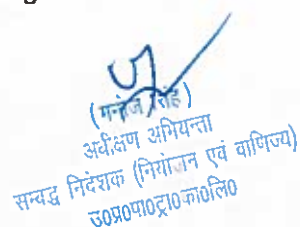
-उन्नाव(400)-फूलबाग(कानपुर) 220 क्वी.डी. डी.सी. लाइन- लगभग 50 किमी।

(रिवर क्रासिंग कार्य सहित)

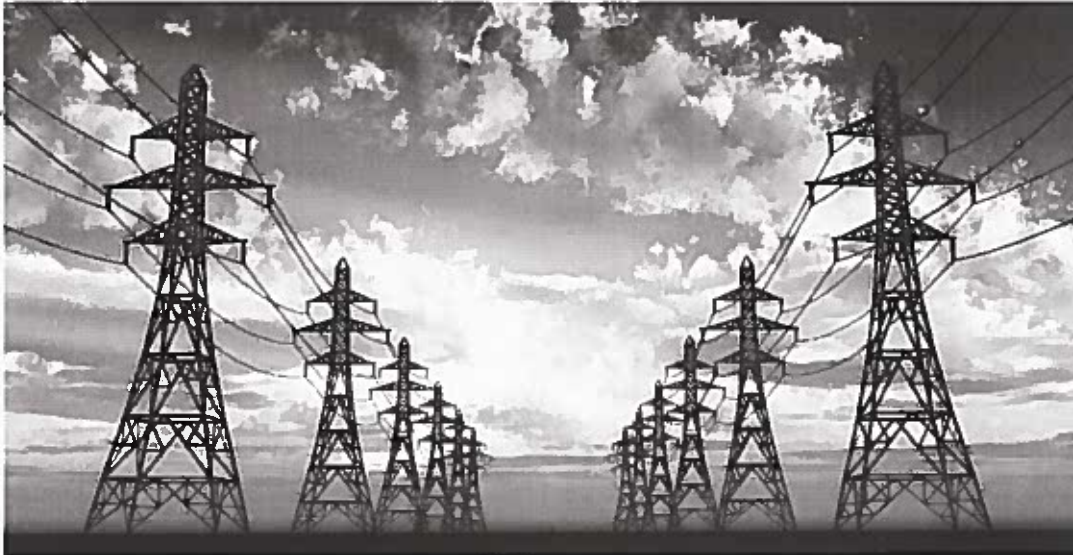
-उन्नाव(400) उपकेन्द्र पर 220 क्वी.डी. के का निर्माण- 2 अंश

कार्य पर कुल अनुमानित लागत रु. 122.08 करोड़




(मन्त्रि सिंह)
अध्यक्ष अभियन्ता
सन्वद्ध निदेशक (नियोजन एवं वाणिज्य)
उद्योग विभाग, एन.डी.ए.

DETAIL PROJECT REPORT FOR
CONSTRUCTION OF 220/132/33 KV RAJA KA TALAB
SUBSTATION DISTRICT-VARANASI

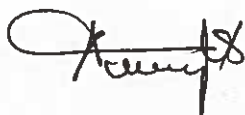


PREPARED BY:
UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED

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अधीक्षक अभियन्ता
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० को० लि०

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	4
4. Project Approval Status	5
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Existing nearby substation load pattern	Annexure-1
Details of load transfer to 220/132/33kV Substation	Annexure-2
Geographical Map	Annexure-3
Load Flow Study	Annexure-4
i. Load flow study with out 220 kV Raja ka Talab	
ii. Load flow study with 220 kV Raja ka Talab	
Minutes of TWC Meeting	Annexure-5

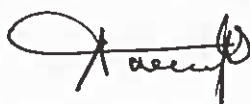


(निर्माण विभाग)
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सम्बद्ध निदेशक (निर्माण एवं वाणिज्य)
उपप्रमाणितकालि

Format for Project Summary to be submitted along with DPR

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 2x160+2x40MVA, 220/132/33kV Substation Raja kaTalaband associated lines.
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization. ix. Any other category. (Please specify)	Category – i,v& vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP	EPC through open tender
vii.	Date of commercial operation	19.07.2019.



(समन्वयक)

अधीक्षण अभियन्ता

समन्वय निदेशक (निर्वाह एवं वाणिज्य)

उपप्रमुख/प्रमुख/अधीक्षक

2. Need and Justification:-

i.	Aims and Objectives of the proposed project:-	District Varanasi consist of 400 kV Sarnath S/s, 220kV Bhelupur (GIS), Gazokhar, Harhua, Raja ka Talab S/s to feed various 132kV s/s and Discom 33 kV S/s. Before construction of 220kV Raja KaTalab, Tehsil Raja Ka Talab was fed by 132kV Raja Ka Talab which was overloaded. To reduce overloading of 132kV Raja ka talab and provide alternate source to 132kV Maduadih, Kursatao, and Chauri S/s construction of 220kV Raja ka talab was necessary. Presently 220kV Raja kaTalab is feeding following Discom's 33kV substation - 33kV Tathra, Lalpur, Pgcil substations.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4

3. Project Physical Details:-

Land requirement		Description
i.	District of the project	Varanasi
ii.	Location of the project (with latitude and longitude of the location)	Latitude:25.268050 Longitude:80.691500
iii.	Total land requirement (in hectares):	220kV Raja KaTalab is constructed on 4.047 hectare land of Gramsamaj in Raja kaTalab.

(मनिज सिंह)
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उ०प्र०म०ट्रा०क०लि०

4. Project Approval Status –

Technical & Financial Approval	TWC	Approval on 13 th meeting of 12 th plan dated 18.07.2014 and revised in 17 th meeting of 12 th plan on dated 02.01.2015
	BOD	41st meeting on dated 23.01.2015
	Appraisal & Evaluation Committee	04.02.2015
	ETF	26.07.2014

5. Project Financial Details:-

(i) Project Cost:-

Sl.no.	Name Of Element	MVA / Km/No.	COST (in Cr.)
1	Construction of 220/132/33kV Raja kaTalab S/s	2x160+2x40	145.30
2	Aurai(400)-Raja kaTalab SC line on DC tower	25KM	
3	Sahupuri(220)- Raja kaTalab SC line on DC tower	45KM	
4	Lilo of Raja kaTalab(132)-Gajokhar 132kV SC line at 132kV Kursato S/s	06KM	
5	Lilo of Raja kaTalab(132)-Aurai(400) 132kV SC line at 220kV Raja kaTalab S/s	08KM	
6	Raja kaTalab(220)-Kursato 132kV SC line on DC tower.	35KM	
Total			145.30

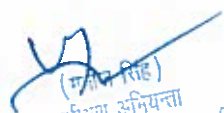
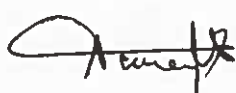
(ii) Sources of Financing (in %):-

Sl. No.	Source of Financing	Percentage
1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Present Rate of Interest of PFC/REC	10%
4	IRR	26.68% (Annexure-6)

निर्माण विभाग
अवीक्षण अभियन्ता
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उपप्रमुख कार्यालय

6. Project Benefit:

- Overloading of 132kV Raja Katalab is reduced.
- 132kV Kursato, Maduadih, Chauri gets second source of supply for reliability.



(म. वि. सि. वि.)
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उ०प्र० पा० द० का० लि०

Annexure-1

Existing nearby 220kV Sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load (MVA)	Source Sub-station
400kV	Sarnath	3x315+1x500	1052	Anpara A&B(TPS) and Varanasi(765)PG
		1x200+2x160	291	
220kV	Bhelupur	2x60	56	Sahupuri(220)
220kV	Gajokhar	2x160	168	Sarnath(400)
220kV	Harahua	2x60	66	Sarnath(400) and Azamgarh(400)

Details of 220kV Raja ka Talab S/s and its connecting line

Name of New 220kV S/s	Capacity of 220kV S/s	Name of Source Substation	Name of connection 220kV line to source substation	Loading on connecting 220kV lines to source S/s (in Amp)
220kV S/s Raja ka Talab	2x160 MVA (1x160MVA t/f is installed)	220/132kV S/s Sahupuri	220kV Sahupuri-Raja Ka Talab	274Amp

Annexure-2

Construction of 220/132/33kV Raja Ka Talab and associated lines.

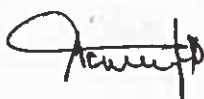
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(महेश सिंह)
अधीक्षण अनियन्ता
साम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Details of 33kV Load Connected to 220/132/33kV Raja Ka Talab (Varanasi) S/s

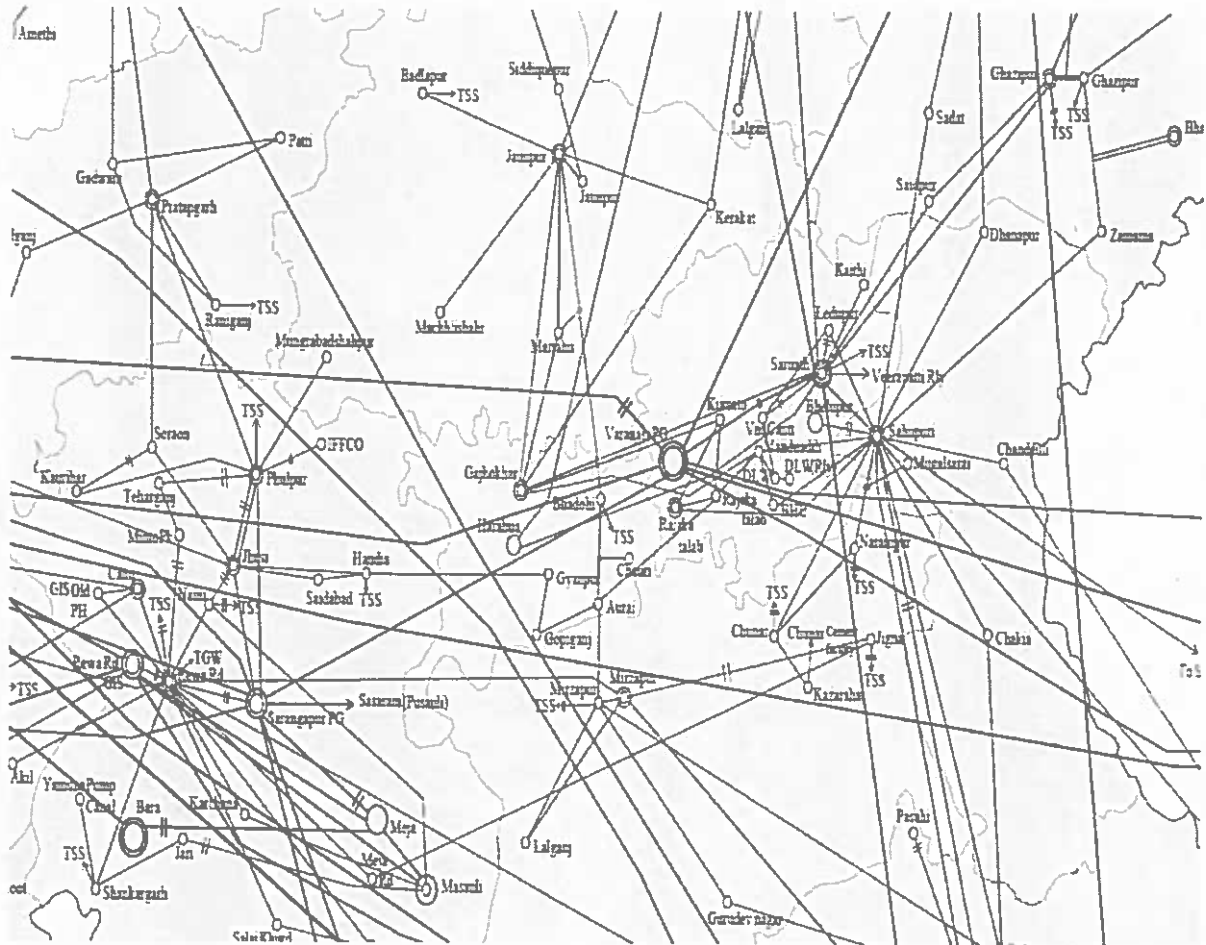
Name of 33/11kV S/s	Capacity of 33/11kV S/s	Length of 33kV feeder (Km.) from old 132kV S/s	Length of 33kV feeder (Km.) from New 132kV S/s
33kV Tathra	2x10MVA	28km	2.0km
33kV Lalpur	2x10MVA	24km	18km
33kV PGCIL	1x10MVA	32km	2.5km




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सम्वद्ध निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द्वा० का० लि०

Annexure-3

Geographical Map of existing primary Transmission Network in District Varanasi and its nearby area.



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अधीक्षक अभियन्ता
साम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ०२/१०/२०१०

(iii) 132/33 क०वी० जरी (इलाहाबाद) उपकेंद्र

पूर्व अनुमोदित	संशोधन उपरान्त अनुमोदित
(i) करताराबाग (400)-तलागपुरा 132 क०वी० डी०सी० लाइन को एक सर्किट का जरी उपकेंद्र का तलागपुरा - 55 कि०मी०	(i) मल्लोही (400)-जरी 132 क०वी० डी०सी० लाइन - 55 कि०मी०
(ii) जरी-रुद्रनगर 132 क०वी० डी०सी० लाइन पर ए०सी० लाइन - 45 कि०मी०	(ii) जरी-रुद्रनगर डी०सी० टावर पर ए०सी० लाइन - 45 कि०मी० (अनुमोदन पूर्ववत्)

अतिरिक्त अनुमानित व्यय रु० 23.50 करोड़

(iv) मुरादनगर-111 400/220 क०वी० 2X240 एमवीएच उपकेंद्र की 220 क०वी० Downstream System Connectivity.

400 क०वी० मुरादनगर-111 उपकेंद्र के 220 क०वी० Downstream तंत्र 11वीं प्लान को 13वीं बेंचक दिनांक 3.12.09 को अनुमोदित किया गया था इसमें 220 क०वी० लाइन सिफ्टिंग कार्यों में कई जटिल तंत्र का समावेश प्रयोजनों के पूर्तिगत रिजल्ट का सर्व समिति द्वारा निम्नानुसार संशोधन अनुमोदित किया गया-

पूर्व अनुमोदित 220 क०वी० सिफ्टिंग कार्य	संशोधन उपरान्त अनुमोदित 220 क०वी० सिफ्टिंग कार्य
(i) मुरादनगर (400)-तलागपुरा 220 क०वी० लाइन सिफ्टिंग	(i) मुरादनगर (400)-तलागपुरा 220 क०वी० लाइन सिफ्टिंग (सिफ्टिंग)
(ii) मुरादनगर (400)-रामली 220 क०वी० लाइन सिफ्टिंग	(ii) मुरादनगर (400)-रामली 220 क०वी० लाइन सिफ्टिंग (अनुमोदन पूर्ववत्)
(iii) मुरादनगर (400)-रुद्रनगर 220 क०वी० लाइन सिफ्टिंग	(iii) मुरादनगर (400)-रुद्रनगर 220 क०वी० लाइन सिफ्टिंग (अनुमोदन पूर्ववत्)

अतिरिक्त अनुमानित व्यय शून्य

(v) 220/132/33 क०वी० राजा का तालाब (अरुणसी) एवं 132/33 2X43 एमवीएच कुरसाहा (बाराणसी) उपकेंद्र:

हमिति की दिनांक 18.07.2014 की 13वीं बेंचक में उपकेंद्र का अनुमोदन किया गया था। राजा का तालाब 220 क०वी० उपकेंद्र से गुने दूर रेल पर तटस्थ होने व कुरसाहा की स्थानीय स्थिति को देखते हुये निम्नानुसार लाइनों का अनुमोदन किया गया-

पूर्व अनुमोदित	संशोधन उपरान्त अनुमोदित
(i) राजा का तालाब (220)-अरुणसी (400) ए०सी० लाइन डी०सी० टावर पर - 32 कि०मी०	(i) राजा का तालाब (220)-अरुणसी (400) ए०सी० लाइन डी०सी० टावर पर - 25 कि०मी०
(ii) राजा का तालाब (220)-मुरादनपुरा 220 क०वी० डी०सी० टावर पर ए०सी० लाइन - 30 कि०मी०	(ii) राजा का तालाब (220)-मुरादनपुरा 220 क०वी० डी०सी० टावर पर ए०सी० लाइन - 45 कि०मी०
(iii) राजा का तालाब (220)-कुरसाहा - 32 क०वी० डी०सी० लाइन - 32 कि०मी०	(iii) राजा का तालाब (132)-गोखर 132 क०वी० ए०सी० लाइन को कुरसाहा उपकेंद्र पर लॉक - 06 कि०मी०
(iv) राजा का तालाब (220)-राजा का तालाब 132	(iv) राजा का तालाब (132)-अरुणसी (400) 132

(मनोज सिंह)
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सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० का० लि०

केंद्रीय डीसी 500 किलोवॉट - 0.1 किलोमीटर	केंद्रीय एमपीए लाइन का रास्ता का तात्पर्य (220) पर लोड 08 किलोमीटर
	(iv) राजा का हावड़ा (220) किलोमीटर डीसी लाइन पर 132 केंद्रीय एमपीए लाइन - 35 किलोमीटर

अतिरिक्त अनुमानित व्यय: 25.20 करोड़

(vi) 220/132/33 केंद्रीय अनुरेह/जिला नगर 2X180 + 2X40 एमपीए उपकेंद्र:

दिनांक 18.07.2014 के 13वीं बैठक में लॉट मुरदाबाद - 1 220 केंद्रीय उपकेंद्र अनुमोदित किया गया था। भूवि उपकेंद्र न होने व Downstream अनुमोदन तंत्र से विद्युत गार की आगुति हेतु 220 केंद्रीय उपकेंद्र अनुरेह का निर्माण निम्नानुसार अनुमोदित किया गया -

पूर्व अनुमोदित	संशोधन उपरान्त अनुमोदित
(i) 220/132/33 केंद्रीय लॉट मुरदाबाद II उपकेंद्र का निर्माण	(i) 220/132/33 केंद्रीय अनुरेह उपकेंद्र का निर्माण
(ii) मुरदाबाद-नेहरोल (220) 220 केंद्रीय एमपीए लाइन का लोड - 35 किलोमीटर	(ii) मुरदाबाद-नेहरोल (220) केंद्रीय एमपीए लाइन का लोड - 33 किलोमीटर (अनुमोदन सुगंत)
(iii) मुरदाबाद-I - लोदी खिमानपुर 132 केंद्रीय डीसी लाइन - 70 किलोमीटर	(iii) अनुरेह (220)-अण्दानपुर 132 केंद्रीय डीसी लाइन - 40 किलोमीटर
	(iv) अनुरेह (220)-लॉट खिमानपुर 132 केंद्रीय डीसी लाइन पर एमपीए लाइन - 27 किलोमीटर
	(v) अनुरेह (220)-मुरदाबाद 132 केंद्रीय एमपीए लाइन डीसी लाइन पर - 28 किलोमीटर

220/132/33 केंद्रीय अनुरेह उपकेंद्र अनुमोदित होने के प्रयोगात्मक 13वीं बैठक दिनांक 18.07.14 में अनुमोदित 132/33 केंद्रीय 2X40 एमपीए उपकेंद्र अनुरेह। व सम्बन्धित 132 केंद्रीय लॉट निमाण समिति द्वारा निरस्त किया गया।

अतिरिक्त अनुमानित व्यय: शून्य

(vii) 220/132 केंद्रीय सिकन्दरगढ़ (हावड़ा), 132/33 केंद्रीय मरेहो (एटा) एवं 132/33 केंद्रीय निबोलीकला (एटा) उपकेंद्रों की 132 केंद्रीय कनेक्टिविटी - समिति की 13वीं बैठक दिनांक 18.07.2014 में उक्त उपकेंद्रों व उनके 132 केंद्रीय पररेषण तंत्र अनुमोदित किया गया था। लाइनों के स्ट की मौलिक स्थिति को देखते हुए 132 केंद्रीय तंत्र संशोधित कर निम्नानुसार अनुमोदित किया गया -

पूर्व अनुमोदित	संशोधन उपरान्त अनुमोदित
(i) सिकन्दरगढ़ (220)-निबोलीकला 132 केंद्रीय डीसी लाइन - 25 किलोमीटर	(i) 132 केंद्रीय एटा काटगंज एमपीए लाइन का निर्देशी उपकेंद्र पर लोड - 08 किलोमीटर
(ii) सिकन्दरगढ़ (220)-निबोलीकला 132 केंद्रीय डीसी लाइन - 35 किलोमीटर	(ii) 132 केंद्रीय एटा-सिकन्दरगढ़ एमपीए लाइन का निबोलीकला उपकेंद्र पर लोड - 08 किलोमीटर

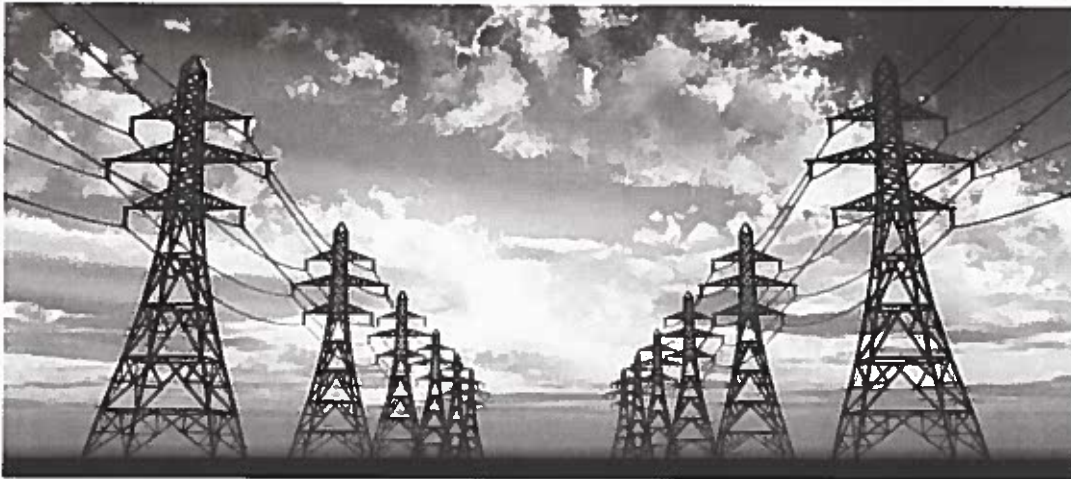
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अधीक्षक अभियन्ता
सम्यक् निर्देशक (निर्माण एवं वाणिज्य)
उपप्रमुख (निर्माण एवं वाणिज्य)

DETAIL PROJECT REPORT FOR

CONSTRUCTION OF 400/220KV NOIDA SEC-148 **GISSUBSTATION DISTRICT-GAUTAMBUDH NAGAR**



PREPARED BY:

**UTTAR PRADESH POWER
TRANSMISSION CORPORATION
LIMITED**

Construction of 400kV Noida sec-148(2x500MVA) and associated lines. Page1

(मनेज सिंह)
अधीक्षण अभियन्ता
सम्यक् निदेशक (प. व. व. एवं वाणिज्य)
उ०प्र०पा००३१०का०१०

Checklist of Project

1. Project Identification	3
2. Need and Justification	4
3. Project Physical Details	5
4. Project approval status	5
5. Project Financial details	5
6. Project Benefit	6

Existing nearby transmission substation load pattern Annexure-1

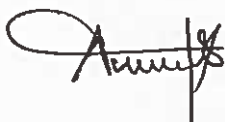
Details of load transfer to 400/220/132/33kV Substation Annexure-2

Geographical Map Annexure-3

Load Flow Study

- | | |
|---|------------|
| (i) Load flow study without 400/220kV Noida sec-148 GIS s/s | Annexure-4 |
| (ii) Load flow study with 400/220kV Noida sec-148 GIS s/s | |

Minutes of TWC meeting Annexure-5

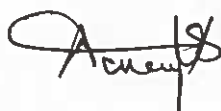


Format for Project Summary to be submitted along with DPR

1. Project Identification:-

i.	Name of the project/ scheme:	Construction of 2x500MVA, 400/220kV Noida Sec-148 GIS s/s and its associated lines.
ii.	Category of the project as prescribed by UPERC: i. In order to meet the requirement of load growth. ii. Refurbishment and replacement of equipment. iii. Reduction in transmission losses. iv. Improvement of voltage profile. v. Improvement in quality of supply. vi. System reliability. vii. Metering. viii. Communication and computerization. ix. Any other category.	Category – i,v& vi
iii.	Context behind conceiving the project :	To meet the requirement of load growth and strengthen the existing transmission system.
iv.	Nature of the proposal: New/ Modified	New
v.	Name of the implementing agency:	UPPTCL
vi.	Mode of implementation: Departmental/ Item-Rate/ Turn-key/ EPC/ PPP	EPC through open tender
vii.	Date of commercial operation	COD of 400kV Noida sector-148 - 03/04/2019

Construction of 400kV Noida sec-148(2x500MVA) and associated lines. Page3




 (मन्मथ सिंह)
 अध्यक्ष नियोजन एवं वाणिज्य
 संचालक निदेशक (नियोजन एवं वाणिज्य)
 3030 पाठक/2019

2. Need and Justification:-

i.	Aims and Objectives of the proposed project:-	Noida area is an industrial town of U.P. & New Okhala Industrial Development Authority (NOIDA) is creating a planned industrial as well as residential township in newly developed sectors. Before construction of Noida sec-148 substation, supply of Noida & Greater Noida area was fed through only 400kV substation Greater Noida installed capacity 3x315MVA having connected load of 783MVA but due to newly constructed 220kV & 132kV substation in Noida/Greater Noida, the total load to be connected at 400kV substation Greater Noida would become 1400MVA of Noida area only. Hence it was necessary to proposed 400kV substation at Noida sector-148. Presently 400kV Noida sec-148 is feeding to 220kV Noida sector-129, 220kV RC Green Greater Noida and Noida Metro Rail Corporation S/s. 132kV level of Noida sec-148(400) is feeding Discom's S/s as- Noida sec-84, Noida sec-93, Noida sec-108, Golden tower S/s.
ii.	Geographical Map Indicating Proposed & Existing S/s in nearby area	Annexure-3
iii.	Load Flow Study carried out with existing network and with proposed network	Annexure-4

निमित्त दिने
अर्चन अनियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय

3. Project Physical Details:-

	Land requirement	Description
i.	District of the project	Gautambudhnagar
ii.	Location of the project (with latitude and longitude of the location)	Latitude:28.452893 Longitude:77.475079
iii.	Total land requirement (in hectares):	08hectare land provided by Noida Development Authority

4. Project Approval Status –

Technical & Financial Approval	TWC	Approval on 19 th meeting of 11 th plan on dated 06.10.2010 revised 40 th meeting of 12 th plan on dated 06.10.2010
	BOD	16.09.2016
	Appraisal & Evaluation Committee	04.07.2018
	ETF	24.07.2018

5. Project Financial Details:-

(i) Project Cost:-

Sl.No.	Name Of Element	MVA / Km.No.	COST (in Cr.)
1	Construction of 400/220kV 2x500 MVA GIS substation	2x500MVA	369.88
2	400kV Greater Noida- Noida sec-148, 400kV DC quad line	30km	
3	Lilo of 220kV Greater Noida(400)-Noida sec-129 line at Noida 148	0.2km	

(ii) Sources of Financing (in %):-

Sl. No.	Source of Financing	Percentage
1	State Government (Equity)	30%
2	Loan (Through PFC/REC)	70%
3	Present Rate of Interest of PFC/REC	10%
4	IRR	26.18% (Annexure-6)

(मनोज सिंह)
अधीक्षण अनियन्ता
सम्यक् निदेशक (निर्वाजन एवं वाणिज्य)
उ०प्र०पा०द्वारा का०लि०

6. Project Benefit:-

- 220kVNoida sec-129 & 220kV RC Green gets dual source of supply.
- Quality of power supply of Noida region is improved.
- To provide reliable source to proposed 132 kV and 220 kV substations in the area.



(मन्त्रालय)
अधीक्षण अभियन्ता
सम्यक् निर्देशक (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय

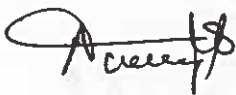
Annexure-1

Existing nearby transmission sub-stations load pattern

Voltage Level	Name of Primary Sub-station	Capacity (MVA)	Peak load (MVA)	Source Sub-station
220kV	Dadri	1x160+1x100	87	Muradnagar-I via Muradnagar(220)
220kV	Noida sector-129	3x160	400	GreaterNoidapali(400)
220kV	Noida sec-62	2x160	214	Indirapuram (400)
220kV	Noida sec-20	3x160	346	GreaterNoidapali(400)
220kV	RC Green	2x160 220/33 ,2x60	282	GreaterNoidapali(400)

Details of 400kV Noida sector-148 S/s and its Connecting line

Name of New 220kV s/s	Capacity of 220kv s/s	Name of Source s/s	Name of Connecting 400kV line source S/s	Loading on connecting 400kV line to source S/s (in AMP)
400kV GIS Sector-148 Noida	2x500MVA (400/220kV)	765kV Substation Greater Noida	400kV Greater Noida (765kV) Sector 148 Noida DC line	550Amp



(मंगल सिंह)
अधीक्षण अनियन्ता
सम्यक् निर्देशक (नियोजन एवं वाणिज्य)
उपप्रमुख, दूरदर्शन

Annexure-2

Details of 220kV Substation Presently feeding from 400kV Noida sec-148

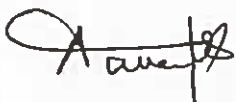
Name of 220kV s/s	Capacity of 220kv s/s	Peak load of 220kV s/s	Length of 220kV line (Km.) from new 400kV S/s
220kV S/s Sector 129 Noida	3x160MVA	310MVA	10Km.
220kV S/s RC Green Greater Noida	2x160MVA+2x60MVA	355MVA	15Km.

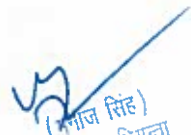
Details of 220kV Substation Presently feeding from 400kV Noida sec-148

Name of 132kV s/s	Capacity of 132kv s/s	Peak load of 132kV s/s	Length of 132kV line (Km.) from new 220kV S/s
NMRC	2x20MVA	20MVA	01Km.

Details of 33kV Load Connected to 400/220/132/33kV Noida Sec-148 s/s

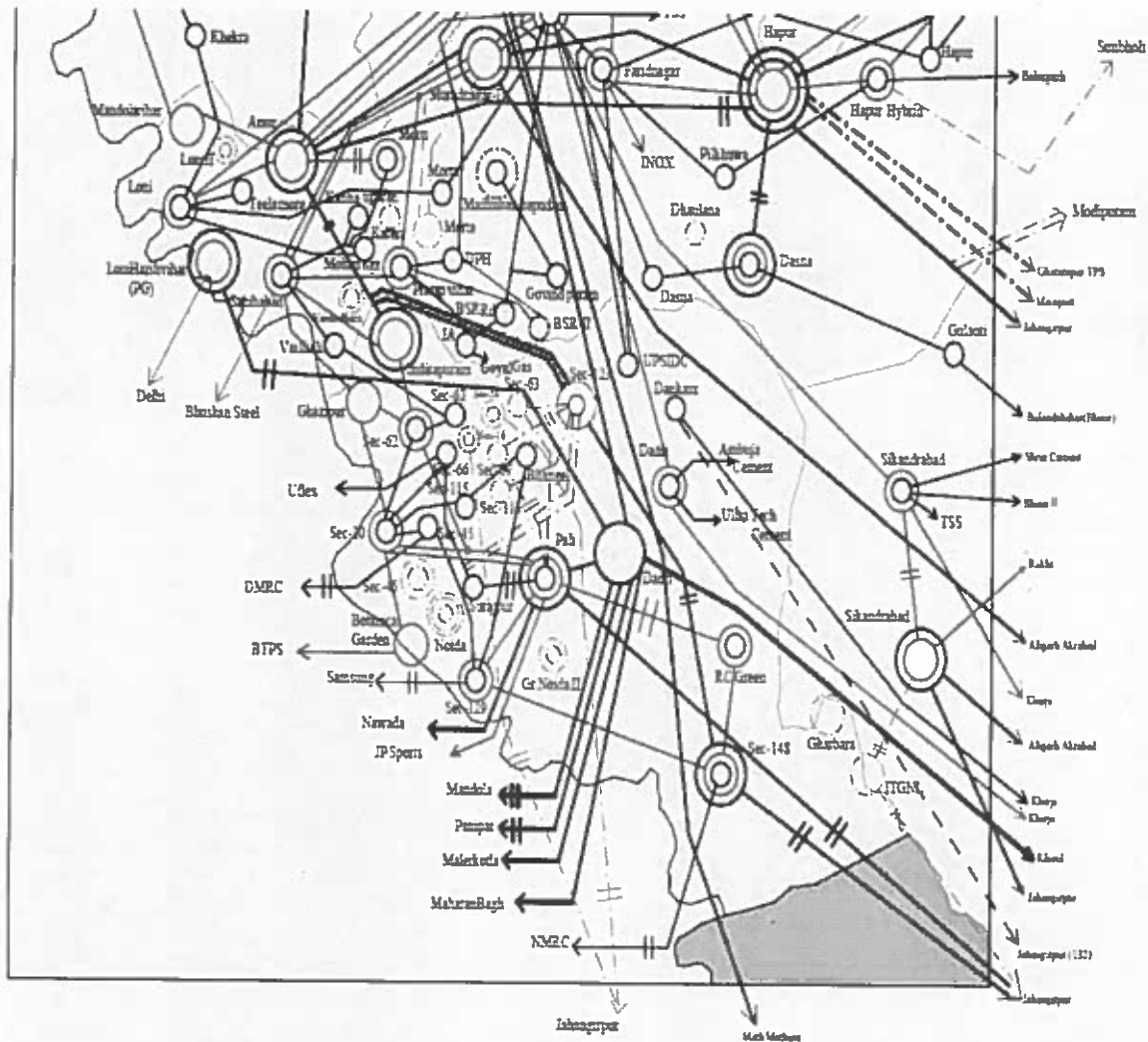
Name of New 33/11kV S/s	Capacity of 33/11kV S/s	Length of 33kV feeder (Km.) from old S/s	Length of 33kV feeder (Km.) from New 400kV S/s
33/11kV S/s Sector 84 Noida	2x10MVA	18Km	8Km
33/11kV S/s Sector 93 Noida	2x10MVA	16Km	6Km
33/11kV S/s Sector 108 Noida	2x10MVA	19Km	8Km
33/11kV S/s Golden tower Noida	2x10MVA	new	3Km




(राज सिंह)
अधीक्षण अभियन्ता
सम्यक् निर्देशक (नियंत्रण एवं बाधित्य)
उ०प्र० पा० द० का० लि०

Annexure-3

Geographical Map of existing primary Transmission Network in District Gautambudhnagar and its nearby area.



[Signature]

[Signature]
(निर्वाहक)
अधीक्षक अभियंता
सामयिक निर्देशक (नियोजन एवं वाणिज्य)
नवम्बर 2010

Annexure-5

Minutes of TWC Meeting

कारपोरेशन द्वारा गठित 'पारेषण कार्य अनुमोदन समिति' की दिनांक 08.10.2010 को सम्पन्न 11वीं योजना काल की छत्तीसवीं बैठक का कार्यवृत्त ।

बैठक में समिति के निम्न अधिकारी उपस्थित थे -

सदस्य

- 1- श्री अजय कुमार पाण्डेय, निदेशक (ग्रेजुएट) एवं अध्यक्ष समिति।
- 2- श्री एमके. सिंह, मुख्य अभियंता (नगरपालिका) एवं सदस्य समिति।
- 3- श्री गीतिका वर्मा, मुख्य अभियंता (निर्माण) एवं सदस्य समिति।
- 4- श्री सुधनू द्विवेदी, उपसहायक निदेशक (लेखा एवं संचयन) एवं सदस्य समिति।
- 5- श्रीमती अनिता गुहा राय, उपाध्यक्ष अभियंता (प्रशिक्षण निदेशक), एवं नगरपालिका सदस्य।

अन्य

- 1- श्री विवेक गिहरी, अधीक्षण अभियंता (निर्माण)।
- 2- श्री एमके.एल. कान, अधिकारी अभियंता (टीओपी)।

मुख्य अभियंता (नगरपालिका) के अध्यक्ष से प्राप्त एवं उपाध्यक्ष अभियंता (नगरपालिका) एवं सहायक निदेशक (पारेषण कार्य अनुमोदन समिति) द्वारा प्रस्तुत पारेषण कार्य के अंतर्गत पर सम्यक विचारोपपन्न समिति ने निम्न निर्णय लिए :-

(अ) निम्न नये उपखंडों एवं लाइनों के सम्बंधित 'बे' सहित निर्माण कार्य को अनुमोदित किया गया -

1. पूर्व स्वीकृत 400 के.वी.ओ. उपखंड नोयडा सेक्टर 137 एवं सम्बंधित लाइनों के प्रस्ताव को पूर्ण समर्थन न हो पाने के कारण निम्नलिखित बड़े दूरी GIS पर आधारित 400 के.वी.ओ. उपखंड सेक्टर-148 (नोयडा) का निम्नवत् निर्माण :-
 - (क) 420/220 के.वी.ओ. परिवर्तक - 2X500 एम्पे.ए।
 - (ख) 400 के.वी.ओ. वी.ओ.ओ. ब्याक फेडर नोयडा-सेक्टर 148 लाइन एवं सम्बंधित 'बे' - 30 कि.मी।
2. GIS पर आधारित 220 के.वी.ओ. उपखंड सेक्टर-148 (नोयडा) का निम्नवत् निर्माण :-
 - (क) 220/132 के.वी.ओ. परिवर्तक - 1X100 एम्पे.ए।
 - (ख) 220/33 के.वी.ओ. परिवर्तक - 2X100 एम्पे.ए।
 - (ग) 220 के.वी.ओ. फेडर नोयडा (400 के.वी.ओ.)-सेक्टर 129 लाइन का सम्बंधित 'बे' सहित लाइनें - 0.21 कि.मी।
3. रोजा राम विद्युत गृह स्टेशन-2 की कक्षा निकट की 400 के.वी.ओ. वी.ओ.ओ. उपखंड-बरेली लाइन के एक सर्किट का चेजा स्थित बाईं एवं दायें - 00 कि.मी।

TPM HSTT JMC

A. Anshu

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06/10/10

01/10/10

A. Anshu

अधीक्षण अभियंता
सम्यक् निदेशक (निर्माण एवं वाणिज्य)
3090मा02/10का0लि0

Annexure 8

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)												
FORMAT A-1												
Location Code	Name of Unit	Sl.No	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
1	2	3	4	5	10A	10B	11A	11B	11C	11D	(11A+B+C+D)	12
133	ETD I Varanasi	1	Const. of 220 KV Aurai (400)-220 KV Raja ka Talab SC line on DC tower	8/24/2019			12,98,64,312.50		1,16,87,788.13		14,15,52,100.63	
133	ETD I Varanasi	2	Const of RKT Sahupuri 220 KV SC Line on DC tower	7/17/2019			42,72,36,020.00		3,84,51,241.80		46,56,87,261.80	
133	ETD I Varanasi	3	220 KV RKT - Sahupuri no RK-1 (CIVIL WORKS)	7/17/2019			12,52,43,215.00		1,12,71,889.35		13,65,15,104.35	
133	ETD I Varanasi	4	Shifting of 132 KV Sahupuri-Sarnath (Ledhupur) Line Between existing at L.C. no 2c-O to 3b-O	5/29/2019			36,19,075.50		3,25,716.80		39,44,792.30	
133	ETD I Varanasi	5	Const. of 132 KV Aurai (400)- Raja ka talab at 220 KV Raja ka talab	8/24/2019			3,58,99,624.17		32,30,966.18		3,91,30,590.35	
133	ETD I Varanasi	6	Work of ACSR Panther Conductor at 132 KV SC Gajokher - MDH Line	4/13/2019			4,79,548.00		43,159.32		5,22,707.32	
133	ETD I Varanasi	7	CWIP Capacitor Bank (PSDF Funded) at 132 KV S/S Kursato	6/8/2019			23,57,276.84		2,12,154.92		25,69,431.76	
133	ETD I Varanasi	8	Construction Of 220 KV RKT (Thatra)	7/19/2019			28,77,12,317.68		2,58,94,108.59		31,36,06,426.27	
133	ETD I Varanasi	9	132 KV S/S Kursato for capacitor bank for erection	6/8/2019			37,40,827.11		3,36,674.44		40,77,501.55	
133	ETD I Varanasi	10	Height raising & tower Shifting of SNT(400KV) -Kathhi Line L.C. No 24 to 26	11/29/2019			1,21,44,259.54		10,92,983.36		1,32,37,242.90	
133	ETD I Varanasi	11	Height raising of 132 KV Gajokher-Jaunpur Line L.no 120 to 122	12/27/2019			94,39,824.87		8,49,584.24		1,02,89,409.11	
133	ETD I Varanasi	12	Stringing of conductor of Span of 132 Kv SNT- Kathi Line from tower No. 36 to 37 and from tower No 37 to Grantry at 132 KV S/S Karti	12/23/2019			2,93,948.93		26,455.40		3,20,404.33	
133	ETD I Varanasi	13	Const. of Capacitor bank 10MVAR (2XS Capacitor bank) at 132 KV RKT	5/25/2019			22,81,855.55		2,05,367.00		24,87,222.55	
133	ETD I Varanasi	14	Const of Capacitor bank 20 MVAR (4XS) AT 220 KV S/S RKT Thatra	6/21/2019			66,84,251.98		6,01,582.68		72,85,834.66	

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 (मनीष सिंह)
 अधीक्षण अभियन्ता
 समग्र निर्देशक (निर्माण एवं वाणिज्य)
 उ०१०५०४००००००००००

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)											
FORMAT A-1											
Location Code	Name of Unit	Sl.No	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Source of Fund	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	Remark/Reason of delay, if any
133	ETD I Varanasi	15	Erection and Commissioning of 63 MVA T/F -11kV Side and accessories (CT) along with associated works at 132 KV Cantt	2/28/2019		2,49,93,369.90		22,49,403.29		2,72,42,773.19	
133	ETD I Varanasi	16	Increasing Capacity of 160 MVA T/F-II at 220 KV S/S Gajokher	4/10/2019		4,97,59,631.00		44,78,366.79		5,42,37,997.79	
133	ETD I Varanasi	17	M&R of 220 KV S/S Gajokher for 160 MVA T/F-I (CT)	4/16/2019		2,94,889.00		25,540.01		3,21,429.01	
133	ETD I Varanasi	18	R&R of 132 kv VCB Samath	8/6/2019		15,34,308.00		1,38,087.72		16,72,395.72	
133	ETD I Varanasi	19	220 KV Thatra (R&T) Capacitor bank (Civil works)	3/31/2020		21,40,161.00		1,92,614.49		23,32,775.49	
133	ETD I Varanasi	20	R&R of CB install at bus coupler bay at 220 KV RKT (Thatra)	6/12/2019		1,17,041.00		10,083.69		1,27,124.69	
133	ETD I Varanasi	21	Const. of 132 KV MDH (CT 400/200/A)	6/8/2019		42,561.00		3,830.49		46,391.49	
133	ETD I Varanasi	22	220 KV RKT (Thatra) VCB	7/7/2019		20,06,427.00		1,80,578.43		21,87,005.43	
133	ETD I Varanasi	23	R&R 33 KV VCB & CT at 220 KV Gajokher	9/19/2019		4,53,263.24		40,793.69		4,94,056.93	
133	ETD I Varanasi	24	132 KV S/S MDH (220/132) Ontance painal	9/11/2019		5,24,582.00		47,212.38		5,71,794.38	
133	ETD I Varanasi	25	R&R OF 132 KV SNT (Station T/F (A))	9/5/2019		6,48,344.00		58,350.96		7,06,694.96	
133	ETD I Varanasi	26	220 KV Bus Bar Protection panels at 220 KV Gajokher	10/7/2019		29,500.00		2,655.00		32,155.00	
133	ETD I Varanasi	27	Consts. Of 250KVA 33/0.4 KV Station T/F at 132 KV MDH	10/16/2019		3,56,873.00		32,118.57		3,88,991.57	
133	ETD I Varanasi	28	Height raising of 132 KV Gajokher-RKT Line Between Line 104 to 107	1/13/2020		89,38,984.82		8,04,508.63		97,43,493.45	
133	ETD I Varanasi	29	Erection of 63 MVA T/F at 132 KV S/S RKT & CB	2/3/2020		55,58,842.70		5,00,295.84		60,59,138.54	
133	ETD I Varanasi	30	R&R OF 132 KV Samath (CB/CT)	2/13/2020		13,47,043.00		1,71,733.87		14,68,776.87	
133	ETD I Varanasi	31	R&R OF Relay Panel of SHP-Bhelupur ckt-I & II at 220 kv Bhelupur	2/18/2020		4,72,000.00		42,480.00		5,14,480.00	
133	ETD I Varanasi	32	132KV T/F Control & Relay Panel at 132 KV SNT	3/31/2020		4,64,249.00		41,782.41		5,06,031.41	
133	ETD I Varanasi	33	High Mast 220 KV S/S Harauwa	2/21/2020		26,61,071.00		2,39,496.39		29,00,567.39	

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 अध्यक्ष अभियन्ता

 सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)

 उ०प्र० पा० द० का० लि०

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)

FORMAT A-1

Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
133	ETD I Varanasi	34	Controoring of S/S Area at 220 kv Bheupur (Civil Works)	3/31/2020			11,788.00		1,060.92		12,848.92	
133	ETD I Varanasi	35	Const. of 01 no ladies toilet Room at 132 KV MDH (Civil works)	3/31/2020			4,34,748.00		39,127.32		4,73,875.32	
133	ETD I Varanasi	36	Const. of tubewell boring at 132 KV S/S Kachi	3/31/2020			4,10,341.00		36,930.69		4,47,271.69	
133	ETD I Varanasi	37	Filing of boulder in terminal point at 220 kv SHP- Bheupur Transmission Line at samneghat (Civil works)	12/31/2019			9,90,235.00		89,121.15		10,79,356.15	
133	ETD I Varanasi		Constn.of 132 KV DC line from 220 KV S/S Raja ka Talab to Kursato (32 Km) in varanasi District (U.P.)	7/5/2018				(52,885.55)			(52,885.55)	
104	ETD I ALLAHABAD		132 KV Soran-Phulpur DC L&O At 132 KV S/S Kaudhar	12/2/2019			12,30,27,099.00	20,95,041.24	1,10,72,438.91		13,61,94,579.15	
104	ETD I ALLAHABAD		132 KV Jhusi-Sadabad T/L	7/13/2019			9,49,12,302.69	7,92,155.18	85,42,107.24		10,42,46,965.11	
104	ETD I ALLAHABAD		Const. of 132kv jhusi bay at 132kv sadabad	7/13/2019			32,23,018.00	21,73,997.98	2,90,071.62		56,87,087.60	
104	ETD I ALLAHABAD		Increasing Capacity at 220 KV Jhusi from 160*2*2*200-160 MVA T/F-II	1/5/2020			5,76,25,731.80	79,344.67	51,86,315.86		6,28,91,392.33	
104	ETD I ALLAHABAD		CONST. OF 132 KV PHULPUR BAY AT 132 KV S/S KAURIHAR	11/30/2019			32,70,323.26	2,21,710.67	2,94,329.09		37,86,363.02	
104	ETD I ALLAHABAD		Const. of new Tube Well Boaring at 220 kv s/s jhusi PRJ	2/21/2018			11,45,597.00		1,03,103.73		12,48,700.73	
105	ETD PRATAPGARH		220 KV Sangpur-Sultanpur Line	1/7/2020			39,71,37,289.50		3,57,41,456.06		43,28,68,745.56	
105	ETD PRATAPGARH		132 KV Gadhwara -Patis Line	3/3/2020			17,91,33,469.43	23,00,693.14	1,16,22,012.25		14,30,56,174.82	
105	ETD PRATAPGARH		132 KV Sangpur-Gadhwara Line	9/14/2019			20,20,46,858.72	10,41,203.44	1,81,84,217.28		22,12,72,279.44	
105	ETD PRATAPGARH		132 KV Ranganj S/S	6/30/2019			11,18,28,102.55		1,00,64,529.23		12,18,92,631.78	
105	ETD PRATAPGARH		132 KV Kunda S/S	1/9/2017			1,80,17,166.97		16,21,545.03		1,96,38,712.00	
105	ETD PRATAPGARH		132 KV Gadhwara-Ranganj-Pratapgarh L&O Line	4/25/2018			1,83,02,524.19	44,328.72	16,47,227.21		1,99,94,080.52	

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उपप्रमुख कार्यालय

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)											
FORMAT A-1											
Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commerical Operation Date (Anticipated/Actual)	Source of Fund	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	Remark/Reason of delay, if any
105	ETD PRATAPGARH		220 kv S/S Bhuparnau PBH, Replacement of 100 mva T/F-II	8/29/2019		1,44,22,515.00		12,98,026.35		1,57,20,541.35	
105	ETD PRATAPGARH		132 kv S/S Patti PBH, Erection of 33 kv Capacitor Bank Patti	4/25/2019		29,09,119.36		2,61,820.74		31,70,940.10	
105	ETD PRATAPGARH		220 kv S/S Bhuparnau PBH, Installation of bus bar Protection Panel	6/28/2019		28,51,466.94		2,56,632.02		31,08,098.96	
105	ETD PRATAPGARH		132 kv S/S Patti PBH, Replacement of 20 to 40 mva T/F	12/21/2017		1,40,47,860.96		12,64,307.49		1,53,12,168.45	
105	ETD PRATAPGARH		Construction of 1 no. 132KV Bay Ganwara at 132 KV S/S Patti	3/3/2020		24,94,872.25	1,30,752.82	2,24,538.50		28,50,163.57	
107	ETD FATEHPUR		132 KV Khaga- Sirathu Line	4/25/2019		4,68,30,151.76		47,14,711.86		5,10,44,843.62	
107	ETD FATEHPUR		220 kv fatehpur (ATD from ETD Nani)	6/1/2016		1,36,053.18		12,244.79		1,48,297.97	
107	ETD FATEHPUR		220 KV S/S MALAWA	11/25/2019		23,25,40,121.53	1,28,05,277.85	2,09,28,610.94		26,62,74,010.32	
107	ETD FATEHPUR		200MVA Auto Transformer @220 KV S/S Radhanagar	8/19/2019		6,11,97,448.02	7,71,068.13	55,07,770.32		6,74,76,286.47	
107	ETD FATEHPUR		Tube Well Boring @Radhanagar	2/5/2019		8,66,826.00		78,014.34		9,44,840.34	
107	ETD FATEHPUR		Sirathu Bay@Khaga	4/12/2019		1,13,69,947.74		10,23,295.30		1,23,93,243.04	
107	ETD FATEHPUR		33 KV Capacitor Bank System at 132 KV S/S Khaga	9/1/2018		50,51,290.40		4,54,616.14		55,05,906.54	
107	ETD FATEHPUR		ATD -CIVIL PRATAGRAJ(Tubewell Boring Work at 132 kv s/s khaga)	6/30/2018		16,76,739.82		1,50,861.58		18,27,601.40	
107	ETD FATEHPUR		Tube Well at 132 kv s/s Jahanabad	2/7/2018		1,89,723.85		17,075.15		2,06,799.00	
107	ETD FATEHPUR		33KV Capacitor Bank @132KV S/S Jahanabad	5/7/2019		67,95,381.00	2,45,688	6,11,584.29		74,09,422.17	
107	ETD FATEHPUR		20MTR High Mast@132 kv S/S Jahanabad	5/7/2019		16,81,057.00		1,51,295.13		18,32,352.13	
107	ETD FATEHPUR		20MTR High Mast @132kv S/S Bindli	5/7/2019		16,70,781.00		1,50,371.19		18,21,152.19	
107	ETD FATEHPUR		63MVA Transformer @132KV S/S Khaga	4/23/2019		1,85,05,894.55		16,65,530.51		2,01,71,425.06	
107	ETD FATEHPUR		20MTR High Mast @132KV S/S Khaga	5/18/2019		16,86,704.00		1,51,803.36		18,38,507.36	
107	ETD FATEHPUR		Capacitor Bank @220kv s/s Radhanagar	5/18/2019		1,59,53,139.00		14,35,782.51		1,73,88,921.51	

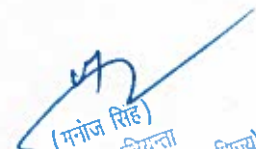
(मनोज सिंह)
अधीक्षक अभियन्ता
साम्बन्ध निर्देशक (निर्माण एवं वाणिज्य)
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Capitalization Detail for FY 2019-20 (Zone: Transmission South East)												
FORMAT A-1												
					Source of Fund		Capitalization in FY- 19-20					
Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	Remark/Reason of delay, if any
107	ETD FATEHPUR		63MVA Transformer @220KV S/S Radhanagar	4/27/2019			1,80,61,701.00		16,25,553.09		1,96,87,254.09	
107	ETD FATEHPUR		220KV Transformer Control Panel@220kv S/S Radhanagar	8/19/2019			2,23,752.00		20,137.68		2,43,889.68	
107	ETD FATEHPUR		20 MTR High Mast @132KV S/S Malwa	5/7/2019			16,87,046.00		1,51,834.14		18,38,880.14	
107	ETD FATEHPUR		Height Raising of 132KV Malwan-Naubasta & Bindki Sah Line at Tower Location no. 81 & 82 under ETD-Fatehpur	11/25/2019			54,51,052.00	1,34,915.78	4,90,194.68		60,76,562.46	
107	ETD FATEHPUR		132KV Fatehpur Bay@Khaga	4/14/2019			50,82,336.62		4,57,410.30		55,39,746.92	
107	ETD FATEHPUR		40MVA TRANSFORMER @220KV S/S MALWAN	4/14/2019			1,83,25,432.00		16,49,288.88		1,99,74,720.88	
107	ETD FATEHPUR		132 KV S/S Malwa (ATD from III name)	6/1/2016			11,62,858.72		1,04,657.28		12,67,516.00	
112	ETD II ALLAHABAD		Constr. Of 400 KV S/S Masauli	2/5/2019			6,14,94,451.50		24,59,778.06		6,39,54,229.56	
112	ETD II ALLAHABAD		Constr. Of 400 KV S/S Masauli	2/5/2019			7,18,53,457.71		28,74,138.29		7,47,27,595.50	
112	ETD II ALLAHABAD		Renovation and upgradation PSDF Funded	6/6/2018			20,88,659.24		1,87,979.33		22,76,638.57	
112	ETD II ALLAHABAD		132 KV MASAU/LI- SALAYAKHURD LINE	4/24/2017			8,296.00		746.64		9,042.64	
112	ETD II ALLAHABAD		CONSTRUCTION OF 2*10 MVAR CAPACITOR BANK AT RR	5/4/2019			8,58,259.00		77,243.31		9,35,502.31	
112	ETD II ALLAHABAD		CONSTRUCTION OF 2*10 MVAR CAPACITOR BANK AT RR	5/4/2019			59,43,295.00		5,34,896.55		64,78,191.55	
112	ETD II ALLAHABAD		CONSTRUCTION OF 200 MVA T/F AT 220 KV S/S CANTT	9/27/2019			6,89,752.00		62,077.68		7,51,829.68	
112	ETD II ALLAHABAD		CONSTRUCTION OF 200 MVA T/F AT 220 KV S/S CANTT	9/27/2019			10,98,44,005.70		98,85,960.51		11,97,29,966.21	
112	ETD II ALLAHABAD		CONSTRUCTION OF NEW CIRCUIT BREAKER AT 220 KV R/R	5/4/2019			19,77,794.45		1,78,001.50		21,55,795.95	
112	ETD II ALLAHABAD		CONSTRUCTION OF 200 MVA T/F AT 220 KV S/S R/R	9/18/2019			6,43,877.00		57,948.99		7,01,825.99	
112	ETD II ALLAHABAD		CONSTRUCTION OF 200 MVA T/F AT 220 KV S/S R/R	9/18/2019			5,64,67,796.75	35,19,387.35	50,82,101.71		6,50,69,285.81	
112	ETD II ALLAHABAD		CONSTRUCTION OF 132 KV JARI S/S	12/31/2019			84,43,541.25		7,59,918.71		92,03,459.96	

अर्थ: राज. अभियन्ता
 सम्यक् निर्देशक (निर्माण एवं वाणिज्य)
 उ० प्र० य० द० का० लि०

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)												
FORMAT A-1												
Location Code	Name of Unit	Sl.No	Name of Substation / Line	Commerical Operation Date (Anticipated/Actual)	Source of Fund		Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	Remark/Reason of delay, if any
112	ETD II ALLAHABAD		CONSTRUCTION OF 132 KV SLAYAKHURD S/S	10/29/2016			34,31,264.00		1,08,813.76		37,40,077.76	
112	ETD II ALLAHABAD		ERECTION OF 40 MVA T/F	5/22/2019			27,63,555.00		2,48,719.95		30,12,274.95	
112	ETD II ALLAHABAD		CROP COMPENSATION OF 220 KV R/R CHITRAKOOT LINE	2/27/2019			11,77,179.00		1,05,946.11		12,83,125.11	
112	ETD II ALLAHABAD		TESTING OF 132/33 TRANSFORMER T&R PANEL AT 220 KV R/R	5/4/2018			11,237.00		1,011.33		12,248.33	
112	ETD II ALLAHABAD		DISK ISOLATOR WORK AT 132 KV MEJA-KOSKALA LINE	1/11/2018			1,75,526.00		26,328.90		2,01,854.90	
112	ETD II ALLAHABAD		UNDERGROUND CABLE WORK AT 132 KV M/P TELIYARGANJ UNDERGROUND CABLE LINE	12/17/2018			92,79,211.00		13,91,881.85		1,06,71,092.85	
112	ETD II ALLAHABAD		ERECTION OF 33 KV DHANUWA BAY AT 220 KV R/R	4/15/2019			3,20,878.04		48,131.71		3,69,009.75	
112	ETD II ALLAHABAD		ERECTION OF 33 KV DHANUWA BAY AT 220 KV R/R	4/15/2019			17,55,507.14		2,63,326.07		20,18,833.21	
112	ETD II ALLAHABAD		CONSTRUCTION OF 1 NO OF 33 KV BAY AT 220 KV CANTT	11/8/2019			10,28,999.57		1,54,349.94		11,83,349.51	
112	ETD II ALLAHABAD		CONSTRUCTION OF 132 KV JARI MASALJI	7/20/2018			75,493.00		6,794.37		82,287.37	
112	ETD II ALLAHABAD		ROOF TREATMENT REPAIR PAINTING OF 09 NO. TYPE C AT 132 KV MINTO PARK PRAYAGRAJ	3/31/2020			8,71,657.00		78,628.68		9,52,285.68	
112	ETD II ALLAHABAD		CONSTRUCTION OF MAIN DRAIN AT 132 KV MINTO PARK PRAYAGRAJ	3/31/2020			6,61,513.00		58,536.17		7,21,049.17	
112	ETD II ALLAHABAD		CONSTRUCTION OF 1 NO OF 33 KV HYBRID BAY AT 132 KV S/S MINTO PARK PRAYAGRAJ(WORK RELATED TO UNDERGROUND CABLE LAYING WORK)	3/31/2020			2,87,451.00		42,517.65		3,29,968.65	
112	ETD II ALLAHABAD		PAINTING & MAINTENANCE WORK IN 16 NO. TYPE 1 & 08 NO TYPE II RESIDENCE AT 220 KV CANTT PRAYAGRAJ	3/31/2020			19,93,569.00		1,79,421.21		21,72,990.21	




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 उ०प्र० पाठशाला काठमांडौ

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)											
FORMAT A-1											
Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Source of Fund	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	Remark/Reason of delay, if any
112	ETD II ALLAHABAD		SERVICE CHARGE FOR ERECTION & COMMISSIONING OF T&R MAKE T/F at 132 kv m/p	10/23/2018		1,06,200.00		9,558.00		1,15,758.00	
113	ETD III ALLAHABAD		Const. of 33KV Transfer Bus at 132 KV S/S N/C (Agr. No 96/ETC-II(A)/2017-18 m OS.11.17)	6/21/2018		7,29,966.06		65,696.95		7,95,663.01	
113	ETD III ALLAHABAD		R&R Of 132 KV NIC (Installation of Fire Hydrant System)	4/1/2017		44,03,611.01		3,96,324.99		47,99,936.00	
113	ETD III ALLAHABAD		Const. Of 132 KV T/F Bay at 132 KV S/S Maini complex	2/2/2019		2,87,371.02		25,863.39		3,13,234.41	
113	ETD III ALLAHABAD		1st Bay 132 KV Shankargarh	5/15/2017		36,46,578.04		3,28,192.02		39,74,770.06	
113	ETD III ALLAHABAD		132 KV Railway-TSS Bay at 132 KV S/S Shankargarh	4/20/2017		38,15,994.06		5,72,399.11		43,88,393.17	
113	ETD III ALLAHABAD		Const. Of 33KV Bay against Agr. NO 23/ETC-II	4/5/2019		15,61,006.95		2,34,151.04		17,95,157.99	
113	ETD III ALLAHABAD		Const. Of 33KV Bay against Agr. NO 24/ETC-II(A)/2018-19 (NIC-II Bay)	4/5/2019		11,95,231.89		1,79,284.78		13,74,516.67	
113	ETD III ALLAHABAD		Const. of retaining wall at tower foundation loc no. 23 of 132KV RR-Shankargarh Line	12/25/2018		10,57,782.00		95,200.38		11,52,982.38	
113	ETD III ALLAHABAD		Revetment of Tower(A-O Type) Loc No. 5 Foundation of 132KV RR-Karchhana-Maini SC Line	10/20/2018		9,26,404.00		83,376.36		10,09,780.36	
113	ETD III ALLAHABAD		Installation of Fire Hydrant System at 132KV S/S Meja Road	2/13/2019		39,09,754.00		3,51,877.86		42,61,631.86	
113	ETD III ALLAHABAD		Const. of Retaining wall at tower foundation loc. No. 09B of 132KV RR-Shankargarh Line	4/17/2019		9,67,164.00		87,044.76		10,54,208.76	
113	ETD III ALLAHABAD		Installation of Capacitor Bank at 132KV S/S Meja Road	9/30/2019		74,86,805.42		6,73,812.49		81,60,617.91	
113	ETD III ALLAHABAD		Revetment of Gantry No. 02 Foundation at Loc No. 04 at 132KV RR-Korson Line	10/10/2018		17,16,892.00		1,54,520.28		18,71,412.28	

(मनीष सिंह)
 अधीक्षण अभियन्ता
 सार्वजनिक निर्माण एवं वाणिज्य
 उद्गमपट्टाकांतिक

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)

FORMAT A-1

Location Code	Name of Unit	SLNo	Name of Substation / Line	Commerical Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
113	ETD III ALLAHABAD		Installation of air conditioning system at 132KV S/S Nani Complex	5/31/2019			20,62,687.00		1,85,641.83		22,48,328.83	
113	ETD III ALLAHABAD		Providing & Installation of 20Mtr High Mast at 132KV S/S Nani Complex	8/2/2019			12,29,666.00		1,10,669.94		13,40,335.94	
113	ETD III ALLAHABAD		Installation of Rotational Under Frequency Relay Panel at 132KV S/S Jari	2/25/2020			4,88,957.00		41,006.13		5,32,963.13	
113	ETD III ALLAHABAD		Civil Work of Const of 2 Nos 132KV Bay at 132KV S/S Nani Complex	3/10/2020			41,74,295.00		3,75,686.55		45,49,981.55	
113	ETD III ALLAHABAD		Renovation & Painting of CRB at 132KV S/S Nani Complex	3/10/2020			32,14,422.00		2,89,297.98		35,03,719.98	
113	ETD III ALLAHABAD		Raising, Repairing & Painting of Boundry Wall at 132KV S/S Nani Complex	3/10/2020			44,48,109.00		4,00,329.61		48,48,438.61	
113	ETD III ALLAHABAD		Installation of 1x10MVAR Capacitor Bank at 132KV S/S Karchhana	3/14/2019			31,05,094.67		2,79,458.52		33,84,553.19	
113	ETD III ALLAHABAD		Construction of Tubewell at 132KV S/S YPC Civil Work	3/10/2020			6,10,394.00		54,935.46		6,65,329.46	
113	ETD III ALLAHABAD		Overhaul of 132KV Meja-Jigna Line & 132KV RR-Korson Line	4/14/2018			80,00,000.00		12,00,000.00		92,00,000.00	
114	ETD IV ALLAHABAD		Capacitor Bank at 132 kv s/s Bharwari Kaushambi	10/13/2016			1,61,128.00		14,501.52		1,75,629.52	
114	ETD IV ALLAHABAD		Capacitor Bank at 132 kv s/s Seethu Kaushambi	10/13/2016			1,54,029.00		13,862.61		1,67,891.61	
114	ETD IV ALLAHABAD		Increasing Capacity 132 kv s/s Sarai Aish Kaushambi (20 to 40 mva T/F)	6/11/2019			1,75,73,270.00		15,81,594.30		1,91,54,864.30	
114	ETD IV ALLAHABAD		Increasing Capacity 132 kv s/s Maneauri Kaushambi (40 to 63 mva T/F)	2/5/2020			2,51,96,962.00		22,67,726.18		2,74,64,688.18	
114	ETD IV ALLAHABAD		Purchasing of Godraj Furniture at 132 kv s/s Bharwari Kaushambi	4/15/2018			2,34,096.36		23,409.64		2,57,506.00	
114	ETD IV ALLAHABAD		Construction of Capacitor Bank Foundation at 132 kv s/s Manhanpur Kaushambi	3/15/2018			7,04,826.00		63,434.34		7,68,260.34	
114	ETD IV ALLAHABAD		Construction of 220 kv s/s Seethu Kaushambi	3/15/2018			42,44,157.00		3,81,974.13		46,26,131.13	

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अधीक्षक अभियन्ता
समृद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० दूर० का० विलो

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)

FORMAT A-1

Location Code	Name of Unit	SLNo	Name of Substation / Line	Commerical Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
114	ETD IV ALLAHABAD		Tube well boring for Mulafire system at 220 kv s/s Sirathu Kaushambi	10/30/2018			74,46,408.00		6,70,176.72		81,16,584.72	
114	ETD IV ALLAHABAD		Construction of 33 kv distt. Court bay at 132 kv s/s Manhanpur Kaushambi	10/26/2016			12,43,241.30		1,86,486.20		14,29,727.50	
114	ETD IV ALLAHABAD		Construction of C.C. Road at 132 kv s/s Manauri Kaushambi	6/25/2019			17,79,002.00		1,60,110.18		19,39,112.18	
122	ETD ROBERTSGANJ		Constn. 132kv Robertsganj - Pasahi Line	5/11/2016			31,206.00		2,808.54		34,014.54	
122	ETD ROBERTSGANJ		Install. Of Capacitor Bank at 132 kv S/S Bina	4/18/2019			56,33,392.05		5,07,005.28		61,40,397.33	
122	ETD ROBERTSGANJ		Install. Of Capacitor Bank at 132 kv S/S Dalia	4/19/2019			81,28,713.40		7,31,584.21		88,60,297.61	
122	ETD ROBERTSGANJ		Obra TSS	6/1/2019			47,39,028.01		7,10,854.20		54,49,882.21	
122	ETD ROBERTSGANJ		132 KV S/S Pasahi	5/18/2018			89,93,580.00		8,09,422.20		98,03,002.20	
122	ETD ROBERTSGANJ		instll of capacitor bank at 132kv s/s Robertsganj	4/30/2019			66,79,038.00		6,01,113.42		72,80,151.42	
123	ETD ROBERTSGANJ		contn. Of security hut 132kv robertsganj	6/7/2019			2,27,095.00		20,438.55		2,47,533.55	
122	ETD ROBERTSGANJ		Renovation of trench cover 132kv s/s dalia bina	7/12/2019			6,07,225.00		54,650.25		6,61,875.25	
123	E-765 KV ANPARA		Angara B-D 400 kv. Line (SPS System)	6/20/2019			46,83,745.00		3,27,862.15		50,11,607.15	
124	ETD MIRZAPUR		CONST. OF SOLAR BAY AT 132 KV GURUDEV NAGAR	11/28/2019			67,93,677.23		10,19,051.58		78,12,728.81	
124	ETD MIRZAPUR		2X5 MVAR CAPACITOR BANK I JIGNA	4/10/2019			51,39,236.17	10,930.59	4,62,531.26		56,12,698.02	
124	ETD MIRZAPUR		2X5 MVAR CAPACITOR BANK II PATHRAHITA	4/11/2019			55,77,650.67		5,01,988.56		60,79,639.23	
124	ETD MIRZAPUR		2X5 MVAR CAPACITOR BANK 220KV S/S NATWA	5/2/2019			1,19,57,520.47	7,009.64	10,76,176.84		1,30,40,716.95	
124	ETD MIRZAPUR		2X5 MVAR CAPACITOR BANK II JIGNA	5/2/2019			46,23,140.40		4,16,082.64		50,39,223.04	
125	ETD IV VARANASI		Construction of 132 KV line Gopiganj - Gyanpur	5/21/2019			5,91,03,308.67	3,91,67,169.66	53,19,297.78		10,35,89,776.11	
125	ETD IV VARANASI		Construction of 132 KV line Aural (400KV) - Aural (132KV)	8/26/2019			3,39,83,111.41	1,94,59,271.85	30,58,480.03		5,65,00,863.29	
125	ETD IV VARANASI		Construction of 132 KV Kachhwan TSS Traction Bay at 132 KV S/S Aural	3/31/2020			38,09,320.61		5,71,198.09		43,80,518.70	

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अधीक्षण अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)												
FORMAT A-1												
					Source of Fund			Capitalization in FY-19-20				
Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commerical Operation Date (Anticipated/Actual)	Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	Remark/Reason of delay, if any
125	ETD IV VARANASI		Construction of bay namely 33 KV Bay Gopiganj at 132 KV S/S Gopiganj	3/14/2019			17,14,921.20		2,57,238.18		19,72,159.38	
125	ETD IV VARANASI		Construction of bay namely 33 KV Bay Semrath at 132 KV S/S Gopiganj	2/27/2019			3,14,939.47		47,240.92		3,62,180.39	
125	ETD IV VARANASI		Construction of bay namely 33 KV Bay Khamariya at 132 KV S/S Aural	3/28/2019			14,18,058.81		2,12,708.82		16,30,767.63	
125	ETD IV VARANASI		CAPACITOR BANK AT 132 KV GOPIGANJ	8/24/2018			2,34,864.00		21,137.76		2,56,001.76	
125	ETD IV VARANASI		R&R WORK AT 132 KV S/S CHAURI	2/4/2020			20,47,597.03		1,84,283.73		22,31,880.76	
132	E 400 KV VARANASI		New 500 MVA ICT-II	4/10/2019			13,64,29,166.17		99,50,041.63		14,59,79,207.80	
132	E 400 KV VARANASI		Reinstallation of 315MVA ICT-I	5/30/2019			79,69,812.00		5,57,886.84		85,27,698.84	
132	E 400 KV VARANASI		Replacement of 245 kv CT	10/16/2019			6,75,668.00		47,296.76		7,22,964.76	
132	E 400 KV VARANASI		Replacement of 400KV CT	12/17/2019			34,96,106.26		2,44,727.44		37,40,833.70	
132	E 400 KV VARANASI		Installation of new 5x16.5 Ton AC	2/22/2020			69,19,712.00		4,84,379.84		74,04,091.84	
132	E 400 KV VARANASI		Battery Set	12/15/2019			9,72,122.00		68,048.54		10,40,170.54	
132	E 400 KV VARANASI		Replacement of 145KV SF6 CB	9/20/2019			5,73,170.47		40,121.93		6,13,292.40	
132	E 400 KV VARANASI		200 MVA T/F	10/31/2017			1,14,376.00		8,006.32		1,22,382.32	
132	E 400 KV VARANASI		Display Wall (2nd Phase Work)	11/5/2019			62,34,302.00		4,36,401.14		66,70,703.14	
132	E 400 KV VARANASI		20MVA Transformer	9/29/2018			5,08,100.00		35,567.00		5,43,667.00	
134	ETD III VARANASI		Construction of 132 KV Sahupuri-Raja Ka Talab bay at 220 kv S/S Sahupuri	1/2/2020			1,21,76,926.06		10,95,923.35		1,32,72,849.41	
134	ETD III VARANASI		Const. of 33 kv tahsil bay	5/16/2019			14,35,322.42		1,29,179.02		15,64,501.44	
134	ETD III VARANASI		Installation of 36 KV 1600 VCB (I)	1/20/2020			2,05,518.24		18,496.64		2,24,014.88	
134	ETD III VARANASI		Installation of Distance protection panel	1/10/2020			5,19,790.00		46,781.10		5,66,571.10	
134	ETD III VARANASI		Installation of Double feeder control Panel	1/4/2020			5,20,004.00		46,800.36		5,66,804.36	

Accepted

मनोज सिंह
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समग्र निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)												
FORMAT A-1												
Location Code	Name of Unit	Sl.No	Name of Substation / Line	Commerical Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
134	ETD III VARANASI		Installation of 245 KV SF-6 CB (I)	1/1/2020			13,05,549.57		1,17,499.44		14,23,049.01	
134	ETD III VARANASI		Installation of 245 KV SF-6 CB (II)	12/4/2019			11,80,346.92		1,06,231.77		12,86,578.14	
134	ETD III VARANASI		Installation of 145 KV CT (I)	12/6/2019			93,336.52		8,400.29		1,01,736.81	
134	ETD III VARANASI		Installation of 145 KV CT (II)	12/6/2019			93,336.52		8,400.29		1,01,736.81	
134	ETD III VARANASI		Installation of 145 KV CT (III)	12/6/2019			93,336.52		8,400.29		1,01,736.81	
134	ETD III VARANASI		Installation of 145 KV CT (IV)	12/6/2019			93,336.52		8,400.29		1,01,736.81	
134	ETD III VARANASI		Installation of 245 KV CVT	8/5/2019			1,79,813.25		16,183.19		1,95,996.44	
134	ETD III VARANASI		Installation of 145 KV PT (I) Naranpur	8/8/2019			94,254.00		8,482.86		1,02,736.86	
134	ETD III VARANASI		Installation of 145 KV PT (II) Naranpur	8/8/2019			94,254.00		8,482.86		1,02,736.86	
134	ETD III VARANASI		Installation of 145 KV PT (I) Chunar	8/7/2019			94,254.00		8,482.86		1,02,736.86	
134	ETD III VARANASI		Installation of 145 KV PT (II) Chunar	8/7/2019			94,254.00		8,482.86		1,02,736.86	
134	ETD III VARANASI		Installation of 36 KV 1600 VCB (II)	7/23/2019			2,08,859.99		18,797.40		2,27,657.39	
134	ETD III VARANASI		Installation of 36 KV 1600 A VCB (III)	9/9/2019			2,08,859.99		18,797.40		2,27,657.39	
134	ETD III VARANASI		Installation of 245 KV CT (I)	1/29/2020			2,13,311.54		19,198.04		2,32,509.58	
134	ETD III VARANASI		Installation of 245 KV CT (II)	2/4/2020			2,09,960.83		18,896.47		2,28,857.30	
134	ETD III VARANASI		Installation of 245 KV CT (III)	2/4/2020			2,09,960.83		18,896.47		2,28,857.30	
134	ETD III VARANASI		Installation of 245 KV CT (IV)	2/5/2020			2,19,330.02		19,739.70		2,39,069.72	
134	ETD III VARANASI		Installation of 245 KV CT (V)	2/5/2020			2,19,330.02		19,739.70		2,39,069.72	
134	ETD III VARANASI		Installation of 36 KV 1600 A VCB (IV)	2/20/2020			2,06,887.04		18,619.83		2,25,506.87	
134	ETD III VARANASI		Installation of 245 KV CT (VI)	3/19/2020			2,99,454.84		26,950.94		3,26,405.78	
134	ETD III VARANASI		Installation of 36 KV VCB	3/12/2020			2,24,043.84		20,163.95		2,44,207.79	
173	ETNC VARANASI		132 KV S/S	4/1/2019			4,53,600.80		45,360.08		4,98,960.88	
173	ETNC VARANASI		DIGITAL CLAM METER	8/22/2019			72,986.00		7,298.60		80,284.60	

(मनोज सिह)

 अधीक्षण अभियन्ता

 समृद्ध निदेशक (नियोजन एवं वाणिज्य)

 30/07/2020

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)												
FORMAT A-1												
					Source of Fund				Capitalization in FY- 19-20			
Location Code	Name of Unit	SLNo	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	Remark/Reason of delay, if any
173	ETNC VARANASI		LAPTOP	11/30/2019			3,52,000.00		35,200.00		3,87,200.00	
173	ETNC VARANASI		ANALOGIC CMRI -1 (Common meter reading instrument)	11/6/2019			25,960.00		2,596.00		28,556.00	
173	ETNC VARANASI		ANALOGIC CMRI -2 (Common meter reading instrument)	6/17/2019			77,880.00		7,788.00		85,668.00	
173	ETNC VARANASI		ANALOGIC CMRI -3 (Common meter reading instrument)	1/28/2020			25,960.00		2,596.00		28,556.00	
173	ETNC VARANASI		Multifunction Single Phase Relay Test Kit	3/3/2020			9,67,600.00		96,760.00		10,64,360.00	
174	ETNC OBRA		Metering Equipment	2/25/2020			9,93,560.00		99,356.00		10,92,916.00	
174	ETNC OBRA		LAPTOP	10/23/2019			2,64,000.00		26,400.00		2,90,400.00	
177	ETNC II ALLAHABAD		CMRI Meter Analogics Make	4/2/2019			9,57,924.00		95,792.40		10,53,716.40	
177	ETNC II ALLAHABAD		Digital Multimeter	10/8/2018			77,880.00		7,788.00		85,668.00	
177	ETNC II ALLAHABAD		Single Phase Relay Test kit	12/6/2019			58,654.00		5,865.40		64,519.40	
177	ETNC II ALLAHABAD		Laptop G6 I7	1/4/2020			1,22,158.00		12,215.80		1,34,373.80	
179	ETNC MIRZAPUR		CMRI METER	12/31/2019			51,920.00		5,192.00		57,112.00	
179	ETNC MIRZAPUR		MULTIFUNCTIONAL RELAY KIT	2/29/2020			9,67,600.00		96,760.00		10,64,360.00	
179	ETNC MIRZAPUR		LAPTOP	12/31/2019			2,64,100.00		26,410.00		2,90,510.00	
179	ETNC MIRZAPUR		DIGITAL CLAMP METER	7/24/2019			72,986.00		7,298.60		80,284.60	
179	ETNC MIRZAPUR		FURNITURE	11/28/2019			3,77,455.00		37,745.50		4,15,200.50	
179	ETNC MIRZAPUR		Laptop recd from ETD mirzapur	4/30/2019			100.00				100.00	
142	ETD BALLIA		220 KV Rasara - Deoria II Line	2/8/2019			28,54,45,792.86		2,56,90,121.36		31,11,35,914.22	
142	ETD BALLIA		132 KV LULO Line - bansdih	3/18/2020			7,31,94,352.29		65,87,491.71		7,97,81,844.00	
142	ETD BALLIA		132 KV S-S Chitbargaon	5/18/2019			21,19,357.80		1,90,742.20		23,10,100.00	
142	ETD BALLIA		132 KV S-S Ballia	5/17/2019			55,85,707.34		5,02,713.66		60,88,421.00	
142	ETD BALLIA		132 KV S-S Sikandarpur	4/23/2019			65,42,584.83		5,88,832.64		71,31,417.47	
142	ETD BALLIA		132 KV S-S Dighar	4/26/2019			3,24,72,151.38		29,22,493.62		3,53,94,645.00	
142	ETD BALLIA		Construction of 132/33 KV Baandeeth Ballia S/S & Associated Works (2x40 MVA)	4/18/2019				3,87,742.46			3,87,742.46	

Accountant

(मनोज सिह)
अधीक्षण अभियन्ता
रामचंद्र निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)													
FORMAT A-1													
Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commerical Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay , if any	
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total		
142	ETD BALLIA		Construction of Ibraheem Patti-Balka (765) PGCL- Baansdeeh 132 KV DC Line 62 KM	9/11/2019				43,68,597.52				43,68,597.52	
142	ETD BALLIA		Construction of 132 KV DC/ULD-Ibraheem Patti- Baansdeeh at 132 KV Sanderpur S/S 12 KM	4/14/2019				72,202.70				72,202.70	
142	ETD BALLIA		Construction of two nos. 132 KV Bays at 132 KV S/S Sanderpur (Balka) 02 Nos 132 KV Bays	4/16/2019				28,694.54				28,694.54	
143	ETD MAU		132 KV Line at 132 KV S/S Semari Jamalpur to 400 KV Kasara Line	11/17/2019			5,03,12,374.84	8,52,881.02	45,28,113.74			5,51,93,369.60	
143	ETD MAU		Installation of Capacitor Bank haldharpur	5/24/2019			52,32,842.62		4,70,955.84			57,03,798.46	
143	ETD MAU		Installation of Capacitor Bank mau old	5/25/2019			87,53,664.17		7,87,829.78			95,41,493.95	
143	ETD MAU		Installation of Capacitor Bank doharight	5/29/2019			89,26,495.62		8,03,384.61			97,29,880.23	
143	ETD MAU		Constr. Of 132 KV S/S Baragaon(Land Free hold)	1/27/2019			(2,88,56,720.18)		(25,97,104.82)			(3,14,53,825.00)	
143	ETD MAU		Installation of Capacitor Bank mohadabad	5/23/2019			92,88,739.17		8,35,986.52			1,01,24,725.69	
143	ETD MAU		Installation of Capacitor Bank semri Jamalpur	5/27/2019			78,49,889.33		7,06,490.04			85,56,379.37	
143	ETD MAU		Constr. Of 132 KV Kasara Bay	11/17/2019			37,03,645.54		3,33,328.10			40,36,973.64	
143	ETD MAU		132 KV line at 132 KV azamgarh to 132 KV S/S Mohamadabad deposit works (UPEIDA)	7/2/2019			5,03,51,770.27		75,52,765.54			5,79,04,535.81	
143	ETD MAU		Installation of 63 MVA Transformer	7/13/2019			2,73,85,353.13		24,64,681.78			2,98,50,034.91	
143	ETD MAU		const of capacitor bank mau new	8/6/2018			12,25,750.00		1,10,317.50			13,36,067.50	
144	ETD II VARANASI		Construction of 132KV Samath-Seidpur (Kathi) line	4/1/2019			3,98,74,556.01	60,61,040.48	35,88,710.04			4,95,24,306.53	
144	ETD II VARANASI		Construction of SE,ETC Ghazipur Office Blding at at 132KV S/S Ghazipur	5/30/2016			21,89,580.01		1,97,062.20			23,86,642.21	
144	ETD II VARANASI		Construction of 33kv Maudha Bay at 132kv sub station saidpur	4/30/2019			17,79,237.54		2,66,885.63			20,46,123.17	

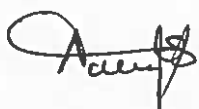
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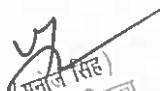
(मनोज सिंह)
अधीक्षक अभियन्ता
समग्र निदेशक (निर्माण एवं वाणिज्य)
उपप्रमुख, काठमांडू

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)

FORMAT A-1

Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commencement Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
144	ETD II VARANASI		Diversion of 400 KV Anpara-Obra (L-2) line for Obra C	11/12/2019			4,67,59,397.54		70,13,909.63		5,37,73,307.17	
144	ETD II VARANASI		Diversion of 132kv Sahupuri-Mau & 132kv Ghazipur-Kasimbabad line against - UPEIDA	2/3/2020			2,38,06,958.62		35,71,041.79		2,73,78,002.41	
144	ETD II VARANASI		Diversion of 400KV Samarth-Azamgarh line-UPEIDA	9/1/2019			1,66,61,794.01		24,99,269.10		1,91,61,063.11	
144	ETD II VARANASI		Diversion of 400KV Anpara-Mau L-6 line-UPEIDA	2/24/2020			2,03,95,643.38		30,59,346.51		2,34,54,989.89	
144	ETD II VARANASI		Diversion of 132 KV Kasimbabad-Mau(New) Line - UPEIDA	1/9/2019			90,08,241.00		13,51,236.15		1,03,59,477.15	
144	ETD II VARANASI		Installation Of Capacitor Bank at 132 KV S/S Saidpur	4/18/2019			26,51,008.00	1,454.07	2,38,590.72		28,91,052.79	
144	ETD II VARANASI		Construction of 33KV Jangipur Bay at 132 S/S Ghazipur	4/15/2019			22,95,230.00		1,44,284.50		26,39,514.51	
144	ETD II VARANASI		Installation of Capacitor bank at 132 KV S/S Zamanla	3/16/2020			32,44,612.82		2,92,015.15		35,36,627.97	
144	ETD II VARANASI		Diversion of 220 KV Harbua-Azamgarh SC line (NHAI) LOC NO. 163-166	3/30/2020			63,75,719.31		9,56,357.90		73,32,077.21	
144	ETD II VARANASI		Installation of Capacitor bank at 132 KV S/S Sadat	3/18/2020			34,28,318.40		1,08,548.66		37,36,867.06	
144	ETD II VARANASI		Construction of 132KV Kathi bay at 132KV S/S Saidpur	8/31/2019			39,26,949.25		1,53,425.43		42,80,374.68	
145	E-400 KV MAU		Constr. Of 132 KV bay	11/22/2019			45,49,886.52	3,82,107.11	3,18,492.06		52,50,485.69	
145	E-400 KV MAU		Fiber Optical Based Bay Monitoring System	6/27/2019			1,14,01,375.34		7,98,096.27		1,21,99,471.61	
145	E-400 KV MAU		Installation of 200mva T/F	6/12/2017			75,66,963.00		5,29,687.41		80,96,650.41	
145	E-400 KV MAU		Digital Video Recorder	12/31/2019			1,12,879.86		11,287.99		1,24,167.85	
145	E-400 KV MAU		New Furniture for Official	11/29/2019			2,18,734.24		21,873.42		2,40,607.66	
152	ETD I GORAKHPUR		132 KV Motvam -Add Kapatengari railway Traction Gorakhpur	31-12-2019			2,54,45,774.00		38,16,866.10		2,92,62,640.10	
152	ETD I GORAKHPUR		Constr. Of 33 KV new bay at 132 KV S/S Rajapahar	28-02-2020			30,52,689.00		4,57,933.35		35,10,622.35	
152	ETD I GORAKHPUR		Constr. Of 220kv S/S Hata - Deoria D/C Line	31-01-2020			17,22,688.00		1,55,041.92		18,77,729.92	
152	ETD I GORAKHPUR		Const of 132kv FCI -Barhuaa Line	31-03-2020			11,33,857.00		1,02,047.13		12,35,904.13	
152	ETD I GORAKHPUR		R&R of 132kv s/s Laxmipur	31-03-2020			3,47,44,391.00		31,26,995.19		3,78,71,386.19	




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 उ०प्र०पा०द०का०लि०

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)

FORMAT A-1

Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
152	ETD I GORAKHPUR		Const of 33 kv bay at 132 kv FCI	28-02-2020			16,68,360.00		2,50,254.00		19,18,614.00	
152	ETD I GORAKHPUR		Capacitor Bank at 132 kv s/s Mohaddipur New gto	26-04-2019			18,74,488.00		1,68,703.92		20,43,191.92	
152	ETD I GORAKHPUR		Capacitor Bank at 132 kv s/s Shatrughanpur	4/4/2019			28,75,715.00		2,58,814.35		31,34,529.35	
152	ETD I GORAKHPUR		Capacitor Bank at 132 kv s/s Kasia	26-04-2019			46,67,159.00		4,20,044.31		50,87,203.31	
152	ETD I GORAKHPUR		Capacitor Bank at 132 kv s/s Lamhpur	30-05-2019			22,35,765.00		2,01,218.85		24,36,983.85	
152	ETD I GORAKHPUR		Capacitor Bank at 132 kv s/s Bhathat	9/4/2019			11,39,652.00	1,465.29	1,07,568.68		12,47,685.97	
152	ETD I GORAKHPUR		Capacitor Bank at 132 kv s/s FCI	4/4/2019			18,31,161.00	3,961.08	1,64,804.49		19,99,926.57	
152	ETD I GORAKHPUR		Const of 132 KV Hata-Kasia Line	31-01-2020			8,96,186.00		80,656.74		9,76,842.74	
152	ETD I GORAKHPUR		R&R of 132kv s/s Rajapakar	31-01-2020			1,24,44,517.00		11,20,006.53		1,35,64,523.53	
152	ETD I GORAKHPUR		R&R of 132kv s/s Mohaddipur-old	31-01-2020			28,45,731.00		2,56,115.79		31,01,846.79	
152	ETD I GORAKHPUR		Const of 132kv s/s Compiyargang	31-03-2020			(30,31,657.00)		(2,72,849.13)		(33,04,506.13)	
152	ETD I GORAKHPUR		Const of 132 kv S/S FCI GIP	31-12-2019			1,71,06,915.70		15,39,622.41		1,86,46,538.11	
152	ETD I GORAKHPUR		Const of 33 kv Bay Dist Loco Set at 132 kv Mohaddipur -New	16-01-2020			24,93,192.00		3,73,978.80		28,67,170.80	
152	ETD I GORAKHPUR		Capacitor Bank at 132 kv s/s Rajapakar	22/4/2019			27,68,713.00	8,523.85	2,49,184.17		30,26,421.02	
152	ETD I GORAKHPUR		Capacitor Bank at 132 kv s/s Hata	30-04-2019			27,31,617.00		2,45,845.51		29,77,462.51	
152	ETD I GORAKHPUR		R&R 132 kv S/S Mohaddipur New	31-01-2020			35,29,319.00		3,17,638.71		38,46,957.71	
152	ETD I GORAKHPUR		OPW	3/10/2019			91,09,119.00		8,19,811.71		99,28,930.71	
152	ETD I GORAKHPUR		Increasing Capacity of 132 KV S/S Kasia, Rudhanagar (2x63 MVA to 2x63+1x40 MVA) alongwith Construction of 02 Nos. 33 KV Feeder Bays at 132 KV S/S Kasia.	1/31/2019				4,12,421.67			4,12,421.67	
153	ETD II GORAKHPUR		Const. Of 220 KV Line at Gola	4/24/2019			24,14,49,771.09	1,33,85,505.21	2,17,30,479.40		27,65,65,755.70	

(Signature)

(Signature)
अधीक्षक अभियन्ता
सम्बद्ध निदेशक (निर्माण एवं वाणिज्य)
उपप्रमुख कार्यालय

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)												
FORMAT A-1												
Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
153	ETD II GORAKHPUR		Constr. Of 132 KV Maharajganj Anand Nagar Line	2/4/2019			4,98,29,929.67	7,11,45,918.90	44,84,693.67		12,54,60,542.24	
153	ETD II GORAKHPUR		Constr. Of 220 KV S/S Gola	3/31/2020			4,08,30,804.99		36,74,772.40		4,45,05,576.79	
153	ETD II GORAKHPUR		Civil Work at 132 KV S/S Kauram	3/31/2020			2,38,791.00		21,491.19		2,60,282.19	
153	ETD II GORAKHPUR		132 KV Naugarh Bay at Anand Nagar (Sterling)	3/31/2020			12,87,503.67		1,15,875.33		14,03,379.00	
153	ETD II GORAKHPUR		63 MVA T/F at 132 KV S/S Anand Nagar	3/31/2020			1,81,45,611.74		16,33,105.06		1,97,78,716.80	
153	ETD II GORAKHPUR		Civil Work at 132 KV S/S Anand Nagar	3/31/2020			2,07,687.00		18,691.83		2,26,378.83	
153	ETD II GORAKHPUR		R&R Work at 132 KV S/S Gola	3/31/2020			3,11,047.71		27,994.29		3,39,042.00	
153	ETD II GORAKHPUR		20 MVA T/F foundation at 132 KV S/S Gola	3/31/2020			6,75,163.30		60,764.70		7,35,928.00	
153	ETD II GORAKHPUR		District hospital bay at S/S Maharajganj	3/31/2020			17,46,887.83		1,87,033.17		14,33,921.00	
153	ETD II GORAKHPUR		CKT II Bay at 220 KV GKP	3/31/2020			6,52,626.09		97,893.91		7,50,520.00	
153	ETD II GORAKHPUR		Civil work of 33 KV New Gallant Bay 132 KV S/S Gola	3/31/2020			13,00,224.00		1,95,033.60		14,95,257.60	
153	ETD II GORAKHPUR		33 KV New Gallant Bay at 132 KV S/S Gola	3/31/2020			30,64,018.71		4,59,602.81		35,23,621.52	
153	ETD II GORAKHPUR		132 KV S/S Gola (Capacitor Bank)	3/31/2020			1,16,11,338.15		10,45,020.43		1,26,56,358.58	
153	ETD II GORAKHPUR		Civil Work 2x5 Capacitor Bank at 132 KV S/S Gola	3/31/2020			16,01,556.00		1,44,140.04		17,45,696.04	
153	ETD II GORAKHPUR		Capicitor Bank at 220 Kv S/S Barhuwa	3/4/2019			15,07,963.79		1,35,716.74		16,43,680.53	
153	ETD II GORAKHPUR		Capicitor Bank at 132 KV S/s Maharajganj	8/3/2020			45,91,882.95		4,13,269.47		50,05,152.42	
153	ETD II GORAKHPUR		Const. of 132 KV Bansl Nautanwa line	3/31/2020			57,69,037.00		5,19,213.33		62,88,250.33	
153	ETD II GORAKHPUR		Construction of 132 kv K. Ram to O.Ghat Line-II	3/6/2019			(59,72,134.86)		(5,37,492.14)		(65,09,627.00)	
153	ETD II GORAKHPUR		40 MVA T/F at 132KV S/s Nautanwa Maharajganj	3/31/2020			3,34,459.00		30,101.31		3,64,560.31	
153	ETD II GORAKHPUR		Bus Coupler at 220KV S/S Gorakhpur	3/31/2020			6,05,958.00		54,536.72		6,60,494.72	
153	ETD II GORAKHPUR		33 KV Ranibag Bay at 220 KV S/S Barahuwa	11/16/2019			12,50,691.37		1,87,603.71		14,38,295.08	

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 उ०प्र० पा० द्रा० कार्यालय

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)

FORMAT A-1

Location Code	Name of Unit	SLNo	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
153	ETD II GORAKHPUR		Construction of 132 kv K. Ram to D.Ghat Line-I	3/31/2020			11,26,256.01		1,01,363.04		12,27,619.05	
153	ETD II GORAKHPUR		Mudfire system 63 MVA T/F at 220 kv S/S Barahuwa	3/31/2020			2,92,570.00		26,331.30		3,18,901.30	
153	ETD II GORAKHPUR		Const. of 132 KV S/S Nautamwa	3/31/2020			95,85,147.00		8,62,663.23		1,04,47,810.23	
153	ETD II GORAKHPUR		33 KV Chehar Bay at 132 KV S/S Maharaganj	3/31/2020			1,31,185.00		19,977.75		1,51,162.75	
153	ETD II GORAKHPUR		Height Raising of 132KV Barahuwa to D Ghat Line	2/2/2020			78,97,256.85		11,84,588.53		90,81,845.38	
153	ETD II GORAKHPUR		180 MVA T/F at 220 KV S/S GOLA	2/19/2020			1,18,000.00		10,620.00		1,28,620.00	
153	ETD II GORAKHPUR		Height Raising of 132KV Barahuwa to A. Nagar Line(NHA)	1/20/2020			51,84,667.00		7,77,700.05		59,62,367.05	
153	ETD II GORAKHPUR		Capacitor Bank at 220 Kv S/S Gola	3/7/2020			44,82,198.72		4,03,397.89		48,85,596.61	
153	ETD II GORAKHPUR		Height Raising of 400KV Azamgarh to Motiram Adda Line(UPEIDA)	3/31/2020			76,94,981.59		11,54,247.34		88,49,228.93	
153	ETD II GORAKHPUR		Replacement of Bus Bar of Panther Cond. At 132KV S/s Barhaganj	3/31/2020			6,25,351.20		56,281.66		6,81,632.81	
153	ETD II GORAKHPUR		Capacitor Bank at 132 KV S/s at Barhaganj	3/23/2020			22,31,107.17		2,00,799.65		24,31,906.82	
153	ETD II GORAKHPUR		05 No. Circuit Breaker At 220 KV S/s Barahuwa	3/31/2020			6,23,963.00		56,156.67		6,80,119.67	
153	ETD II GORAKHPUR		Capacitor Bank at 132 KV S/s Anand Nagar	4/4/2019			5,18,103.00		46,629.27		5,64,732.27	
153	ETD II GORAKHPUR		33 KV Campyergan Bay at 132 KV S/S Anand Nagar	3/31/2020			6,86,778.00		1,03,016.70		7,89,794.70	
153	ETD II GORAKHPUR		Constn. of 220/132 KV S/S at Gola (2x160+2x40 MVA)	3/12/2019				(1,89,520.04)			(1,89,520.04)	
153	ETD II GORAKHPUR		Constn. of 132 KV D/C Transmission line from Proposed S/S to 132KV S/S Kaurim (20.00 Km.)	3/12/2019				(28,392.52)			(28,392.52)	
154	E-400 KV GORAKHPUR		Cap. Work of 125MVAR Reactor Bay at 400kv S/S Gtp.-PSDF	10/24/2019			97,75,206.70		6,84,764.47		1,04,59,971.17	
154	E-400 KV GORAKHPUR		Cap. Work of 400KV Reactor Bay at 400KV S/S Gtp.-PSDF	10/24/2019			5,09,23,064.10		35,64,614.49		5,44,87,678.59	

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उपप्रमुख कार्यालय

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)												
FORMAT A-1												
					Source of Fund		Capitalization in FY- 19-20					
Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commerical Operation Date (Anticipated/Actual)	Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	Remark/Reason of delay, if any
154	E-400 KV GORAKHPUR		Cap. Work of 125MVAR Reactor Bay at 400kv S/S Gdp.-REC	10/24/2019			1,83,93,673.92		12,87,557.17		1,96,81,231.09	
154	E-400 KV GORAKHPUR		Const. of 400KV Transfer Bay at 400KV S/S Gdp.	2/10/2020			39,61,919.63		2,35,334.17		35,97,254.00	
154	E-400 KV GORAKHPUR		400 kv TBC Bay at 400 KV S/S Gdp.	2/10/2020			2,25,95,190.41		15,81,663.33		2,41,76,853.74	
154	E-400 KV GORAKHPUR		Installation of 240MVA ICT & its Bay at 400KV S/S Gdp.	4/10/2019			4,41,11,261.37		30,87,788.30		4,71,99,049.67	
154	E-400 KV GORAKHPUR		Const. of 132KV TSS Bay at 220KV S/S Gdp.	6/6/2019			1,08,36,352.17		9,75,271.69		1,18,11,623.86	
154	E-400 KV GORAKHPUR		Installation of 220KV TBC Bay at 400KV S/S Gdp.	8/18/2019			65,80,074.44		4,60,605.21		70,40,679.65	
154	E-400 KV GORAKHPUR		Const. of Main Bus I & TBC Bay at 400KV S/S Gdp.	2/10/2020			21,27,467.67		1,48,922.74		22,76,390.41	
154	E-400 KV GORAKHPUR		Inst. Of 240MVA T/F III Bay at 400KV S/S Gdp.	4/10/2019			9,01,649.46		63,115.46		9,64,764.92	
154	E-400 KV GORAKHPUR		Consts. Of 220kv/132kv TBC Bay at 220kv S/s	2/24/2020			14,18,949.17	2,57,493.07	1,27,705.43		18,04,147.67	
154	E-400 KV GORAKHPUR		Constr. Of 500MVA T/F	1/13/2018			60,93,250.00		4,26,527.50		65,19,777.50	
154	E-400 KV GORAKHPUR		Wip of 160MVA T/F III at 220kv	3/31/2018			85,361.00		7,682.49		93,043.49	
154	E-400 KV GORAKHPUR		Providing Of CTR Protection on 160MVA T/F III	3/31/2018			8,40,392.00		75,626.28		9,15,918.28	
154	E-400 KV GORAKHPUR		Constr. Of 220KV Hata Bay at 400kv S/S	12/30/2018			14,21,548.00		99,508.36		15,21,056.36	
154	E-400 KV GORAKHPUR		Constr. Of 315MVA T/F II Bay at 400KV S/S	12/20/2019			27,06,857.43		1,89,480.02		28,96,337.45	
154	E-400 KV GORAKHPUR		constr. Of 220kv control & Relay Panel	4/10/2019			1,69,212.00		11,844.84		1,81,056.84	
154	E-400 KV GORAKHPUR		400 kv Division Office	3/31/2020			26,22,121.00		1,83,548.47		28,05,669.47	
154	E-400 KV GORAKHPUR		4 NO. TYPE 4 RESIDENCE	3/31/2020			92,07,265.00		6,44,508.55		98,51,773.55	
154	E-400 KV GORAKHPUR		4 METER APPROX ROAD	3/31/2020			2,70,119.00		18,908.33		2,89,027.33	
154	E-400 KV GORAKHPUR		4 NO. TYPE 3 AND TYPE 2 RESIDENCE	3/31/2020			51,30,564.00		3,59,139.48		54,89,703.48	
155	ETD DEORIA		Constr. Of 132 KV Salepur-Jourmashapur Line	4/17/2019			11,54,14,073.00	60,475.80	1,03,87,266.57		1,25,61,815.37	

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)

FORMAT A-1

Location Code	Name of Unit	SLNo	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
155	ETD DEORIA		Replacement of earth wire by OPGW 29.387 KM at 132 KV Shatrughanpur - 132 KV Deoria Line	3/31/2020			25,42,061.00		2,28,785.49		27,70,846.49	
155	ETD DEORIA		R & R Works at 220KV S/S Deoria	3/31/2020			1,04,73,065.50		9,42,575.90		1,14,15,641.40	
155	ETD DEORIA		Work of 132 KV Line At 220 KV Deoria	3/31/2020			3,43,032.00		30,872.88		3,73,904.88	
155	ETD DEORIA		R & R Works at 132 KV S/S Purnachapar Distt. Deoria	3/31/2020			46,39,158.00		4,17,524.22		50,56,682.22	
155	ETD DEORIA		R & R Works at 132 KV S/S Salempur, Distt. Deoria	3/31/2020			8,48,584.00		76,372.56		9,24,956.56	
155	ETD DEORIA		R & R Works at 132 KV S/S Rudrapur, Distt. Deoria	3/31/2020			8,77,085.00		78,937.65		9,56,022.65	
155	ETD DEORIA		R & R Works at 132 KV S/S Deoria	3/31/2020			4,21,915.00		37,972.31		4,59,887.31	
155	ETD DEORIA		Increasing Capacity Of 160MVA Transformer at 220KV S/S Deoria	1/1/2020			4,59,97,082.00	8,27,920.65	41,39,737.38		5,09,64,740.03	
155	ETD DEORIA		Const. 2*5 MVA New Capacitor Bank at 132 KV S/S Deoria, Distt. Deoria	4/7/2019			18,23,276.00	852.39	1,64,094.84		19,88,223.23	
155	ETD DEORIA		Const. 2*5 MVA New Capacitor Bank at 132 KV S/S Purnachapar Distt. Deoria	4/11/2019			28,42,443.00	7,019.64	2,55,819.87		31,05,282.51	
155	ETD DEORIA		Const. of 2 Nos. 220 KV Bay & TBC Bay At 220KV Sub Station	3/2/2020			4,59,04,836.00	16,95,823.27	41,31,435.24		5,17,32,094.51	
155	ETD DEORIA		Const. Of 1 Nos. 132 KV Purnachapar Bay at Salempur	10/12/2019			26,72,481.00	1,64,437.60	2,40,523.29		30,77,441.89	
155	ETD DEORIA		Const. of division Office At 220KV Sub Station	3/31/2020			10,82,469.00		97,422.21		11,79,891.21	
155	ETD DEORIA		Const. Of 132 KV Rudrapur	3/31/2020			18,41,987.00		1,65,778.83		20,07,765.83	
155	ETD DEORIA		Const. Of 132 KV Purnachapar	3/31/2020			10,73,483.00		96,613.47		11,70,096.47	
156	ETD I BASTI		Const. Of 132 KV SC at 220 KV S/S Basti to Kalmari Line	23-11-2019			11,82,63,406.67	5,12,255.85	1,06,43,706.00		12,94,19,369.12	
156	ETD I BASTI		Const. Of 132 KV Mundewa sugar mill to Nathnagar Line	28-02-2019			8,84,41,471.62		1,32,66,220.74		10,17,07,692.36	
156	ETD I BASTI		Increasing Capacity of 132 KV S/S Mehdawal (2x20 to 2x20+40 MVA) T/F	6/3/2019			2,08,14,622.00		18,73,315.98		2,26,87,937.98	

(मन्नाज सिंह)

 अधीक्षण अभियन्ता

 सार्वजनिक निर्माण एवं वाणिज्य

 उद्योग विभाग, काठमाडौं

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)

FORMAT A-1

Location Code	Name of Unit	SL.No	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
156	ETD I BASTI		Increasing Capacity of 40 to 63 MVA T/F @ 132KV S/S Hanraiya	25-04-2019			2,40,07,376.39		21,60,663.88		2,61,68,040.27	
156	ETD I BASTI		Const. Of 132 KV Kahwarl Bay @ 220KV S/S Basti	22-11-2019			31,47,430.10	31,479.41	2,83,268.71		34,62,178.22	
156	ETD I BASTI		Const. of 2x5 MVAR Capacitor Bank @ 132KV S/S Mehdaawal	10/7/2019			26,65,314.30	7,170.42	2,39,878.29		29,12,363.01	
156	ETD I BASTI		Const. of 2x5 MVAR Capacitor Bank @ 132KV S/S Hanraiya	17-07-2019			47,80,171.00		4,30,715.39		52,10,886.39	
156	ETD I BASTI		Bus Bar Protection @ 220KV S/S Basti	30-01-2020			35,42,299.50		3,18,806.96		38,61,106.46	
156	ETD I BASTI		Increasing Capacity of 63MVA T/F @ 220KV S/S Basti	20-02-2020			1,73,59,409.50		15,67,346.86		1,89,21,756.36	
156	ETD I BASTI		Const. of 2x5 MVAR Capacitor Bank @ 220KV S/S Basti	13-03-2020			37,21,008.84		3,34,890.80		40,55,899.64	
156	ETD I BASTI		Construction of SE Office (Building)	31-03-2020			39,15,760.59		3,91,576.06		43,07,336.65	
156	ETD I BASTI		SE Office Computer & Printer	31-03-2020			3,77,122.00		37,712.20		4,14,834.20	
156	ETD I BASTI		Construction of 132/33 KV (2x20) MVA S/S Kahwarl	11/23/2019				5,99,924.67			5,99,924.67	
156	ETD I BASTI		Constn. of 132/33 KV S/S at itwa	5/9/2018			-	(15,255.22)			(15,255.22)	
156	ETD I BASTI		ULO of 132 KV D/C Bans-Dumariyagan	5/9/2018			-	(6,610.60)			(6,610.60)	
157	ETD II BASTI		132kv Bans-Dumariyagan Line	10/31/2019			3,29,38,131.73		29,64,431.86		3,59,02,563.59	
157	ETD II BASTI		Erection of 160MVA T/F I	10/24/2018			28,79,483.73		2,59,153.54		31,38,637.27	
157	ETD II BASTI		Mukufire on 160MVA T/F II	3/5/2019			6,29,092.66		56,618.34		6,85,711.00	
157	ETD II BASTI		132kv nautwa Bay	3/15/2019			38,99,532.15		3,50,957.89		42,50,490.04	
157	ETD II BASTI		Const. Of 132kv S/S itwa	5/9/2018			18,71,352.62		1,68,421.74		20,39,774.36	
157	ETD II BASTI		2*5 MVAR Capacitor Bank (civil work)	7/23/2019			1,05,76,850.27	3,610.10	9,51,916.52		1,15,32,376.89	
157	ETD II BASTI		40MVA T/F II	1/22/2019			8,57,943.12		77,214.88		9,35,158.00	
157	ETD II BASTI		40MVA T/F	4/24/2018			25,77,349.45		2,31,961.45		28,09,310.90	
157	ETD II BASTI		CONST OF 132 KV BANSI MEHDAWAL SC LINE	12/30/2019			78,17,228.56		7,03,550.57		85,20,779.13	
157	ETD II BASTI		33 KV LEHRA BAY AT 132 KV S/S NAUGARH	7/2/2019			8,33,861.00		1,25,079.15		9,58,940.15	
157	ETD II BASTI		132 KV BANSI-DUMARIYAGAN) ULO AT ITWA LINE	5/9/2018			5,27,658.00		47,489.22		5,75,147.22	

(मिनाज सिंह)
 अध्यक्ष अनियन्ता
 सत्यद्व निदेशक (निर्माण एवं वाणिज्य)
 उद्योग विभाग

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)											
FORMAT A-1											
Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Source of Fund	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	Remark/Reason of delay, if any
162	ETD AZAMGARH		132 KV SC Phoolpur - Atraiya line	10/15/2019		14,50,46,236.05	23,23,499.08	1,30,54,161.24		16,04,23,896.37	
162	ETD AZAMGARH		132 KV S/S Atraiya (132 KV) Allahpur Bay	10/15/2019		37,28,891.12	1,82,596.54	3,35,600.20		42,47,087.86	
162	ETD AZAMGARH		132 KV Azamgarh - Kosi line (UPEIDA Deposit Work)	7/1/2019		3,53,63,859.73		53,04,578.96		4,06,68,438.69	
162	ETD AZAMGARH		132 KV Phoolpur Line M/s Shekhar (UPEIDA Deposit Work)	1/15/2019		2,15,75,268.32		32,36,290.25		2,48,11,558.57	
162	ETD AZAMGARH		132 KV Mubarakpur line (UPEIDA Deposit Work)	12/25/2018		1,31,75,499.18		19,76,324.88		1,51,51,824.06	
162	ETD AZAMGARH		Capictore Bank at 132 KV S/S Bindhwal Jarrapur	4/29/2019		56,82,613.94		5,11,435.26		61,94,049.20	
162	ETD AZAMGARH		Capictore Bank at 132 KV S/S Mubarakpur	5/24/2019		20,90,652.29		1,88,158.71		22,78,811.00	
162	ETD AZAMGARH		Capictore Bank at 132 KV S/S Kailsha	5/15/2019		28,61,912.49		2,57,572.12		31,19,484.61	
162	ETD AZAMGARH		Capictore Bank at 132 KV S/S Lalgang	5/16/2019		46,44,805.23		4,18,032.47		50,62,837.70	
162	ETD AZAMGARH		Capictore Bank At 132 KV S/S Mehnagar	5/1/2019		44,01,882.91		3,96,349.46		48,00,232.37	
162	ETD AZAMGARH		Capictore Bank at 220 KV S/S Azamgarh-II	2/4/2018		40,50,532.09		3,64,547.89		44,15,079.98	
162	ETD AZAMGARH		132 KV Atraiya Bay at 132 KV S/S Phoolpur	10/15/2019		68,17,180.19		6,13,546.72		74,30,726.41	
162	ETD AZAMGARH		Capictore Bank at 132 KV S/S Poolpur	5/22/2019		35,25,392.64		3,17,285.34		38,42,677.98	
162	ETD AZAMGARH		Increasing Capacity 40-63 MVA T/F at 132 KV S/S Phoolpur 1st	10/24/2018		4,56,924.00		41,123.16		4,98,047.16	
162	ETD AZAMGARH		Increasing Capacity 40-63 MVA T/F at 132 KV S/S Lalgang	10/24/2018		14,36,998.00	6,65,335.61	1,29,329.82		22,27,663.43	
162	ETD AZAMGARH		220 KV S/S Azamgarh-II	2/4/2018		2,23,72,199.00		20,13,497.91		2,43,85,696.91	
162	ETD AZAMGARH		132 KV S/S Mubarakpur	9/30/2016		42,49,930.00		3,82,493.70		46,32,423.70	
162	ETD AZAMGARH		Increasing Capacity 132 kv/s phoolpore 2*63 MVA	2/23/2020		2,30,57,021.00	58,761.75	20,75,131.89		2,51,90,914.64	
162	ETD AZAMGARH		132 KV S/S Rani Ki Sarai	3/31/2018		15,44,245.00		1,38,982.05		16,83,227.05	
162	ETD AZAMGARH		132 KV S/S Bindhwal Jarrapur	9/30/2016		1,80,618.00		16,273.62		1,97,091.62	
162	ETD AZAMGARH		33 kv mazepatb bay	7/20/2018		1,65,762.00		24,864.30		1,90,626.30	
162	ETD AZAMGARH		33 kv kutabshi	7/20/2018		1,65,762.00		24,864.30		1,90,626.30	

(मिनाज)
 अर्थसहाय्य अनियन्ता
 राज्य निदेशक (निर्माण एवं वाणिज्य)
 उद्योग विभाग, कोलकाता

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)

FORMAT A-1

Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY- 19-20					Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction	Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
162	ETD AZAMGARH		Constn of 220/132/33 KV S/S Azamgarh-II (2x160+2x4CMVA)	4/14/2018				(16,398.94)			(36,398.94)	
162	ETD AZAMGARH		Constn of 220 KV Sarnath (400 kv)-Azamgarh-II(220 KV) line(60 km)	4/3/2018				(3,939.33)			(3,939.33)	
162	ETD AZAMGARH		Constn of 132 KV Azamgarh-II(220 KV)- 132 KV Shahan line (46 km)	4/3/2018				(27,594.49)			(27,594.49)	
162	ETD AZAMGARH		Constn of 132 KV Azamgarh-II(220KV)- 132 KV Kerakati line(35 km)	5/12/2018				(20,525.87)			(20,525.87)	
162	ETD AZAMGARH		132 KV line feeder Bay at 220 KV S/S Azamgarh	4/14/2018				(224.35)			(224.35)	
163	E-400 AZAMGARH		Constr. Of 33 KV Capacitor bank	5/11/2019			25,25,355.78		2,27,282.02		27,52,637.80	
163	E-400 AZAMGARH		Civil Constr. Work for installation of 10x10MVAR (33kv) Capacitor bank at 220 KV S/S Azamgarh	5/11/2019			9,51,851.00		81,648.59		10,37,299.59	
163	E-400 AZAMGARH		Replacement of 33kv CT at 220kv s/s Azh	6/15/2019			54,870.00		4,938.30		59,808.30	
163	E-400 AZAMGARH		Installation of Multyfire system at 400kv s/s Azamgarh	12/30/2018			17,78,520.00		1,24,356.40		19,00,876.40	
163	E-400 AZAMGARH		Replacement and retrofitting of ACB Installed at 400kv s/s Azamgarh	1/18/2019			22,74,180.00		1,19,183.30		24,33,363.30	
163	E-400 AZAMGARH		Increasing Capacity of 500 MVA T/F at 400kv s/s Azamgarh	1/2/2019			9,13,315.00		63,932.05		9,77,247.05	
163	E-400 AZAMGARH		Replacement of LMU at 400kv s/s Azamgarh	5/27/2019			86,183.00		6,037.81		92,215.81	
163	E-400 AZAMGARH		Replacement of 420kv CT alongwith T.C. at 400kv s/s Azamgarh	6/18/2019			13,12,035.34		91,847.47		14,03,877.81	
163	E-400 AZAMGARH		Installation of New Multyfire system for MVAR Reactor at 400kv s/s Azamgarh	7/8/2019			12,44,673.00		87,127.11		13,31,800.11	
163	E-400 AZAMGARH		Erection of 200MVA T/F at 220kv s/s Azamgarh	2/17/2020			5,14,04,072.00	3,44,491.93	46,26,366.48		5,63,74,930.41	
163	E-400 AZAMGARH		Replacement of Battery Set at 220kv s/s Azamgarh	12/1/2019			6,15,760.00		55,418.40		6,71,178.40	

(मनीज सिंह)
 अर्थीक्षण अभियन्ता
 सम्यक्ष निदेशक (निर्माण एवं वाणिज्य)
 उ०प्र०पा०न००का०लि०

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)

FORMAT A-1

FORMAT A-1													
Location Code	Name of Unit	Sl.no	Name of Substation / Line	Commerical Operation Date (Anticipated/Actual)	Source of Fund		Base cost	Interest Capitalized	Capitalization in FY- 19-20			Total	Remark/Reason of delay, if any
					Name Source Scheme	Amount of Loan Sanction			Employee Expense Capitalised	Other			
163	E-400 AZAMGARH		Replacement of 220kv T/F Protection Panel at 220kv Azamgarh	12/3/2019			5,01,104.00		45,099.36			5,46,203.36	
163	E-400 AZAMGARH		Increasing Capacity of 200MVA T/F at 220 kv s/s Azamgarh	2/17/2020			42,50,161.39		3,82,514.53			46,32,675.92	
163	E-400 AZAMGARH		Increasing Capacity of 500 MVA T/F at 400kv s/s Azamgarh	1/2/2019			2,35,410.00		16,478.70			2,51,888.70	
163	E-400 AZAMGARH		Replacement of 420kv CT & CVT at 400kv s/s Azamgarh	3/30/2020			25,49,297.49		1,78,450.82			27,27,748.31	
163	E-400 AZAMGARH		Construction work for installation of 2X40 MVAR Capacitor bank at 220kv s/s Azamgarh	8/18/2018			24,82,840.00		2,23,455.60			27,06,295.60	
163	E-400 AZAMGARH		Construction of Civil work 200MVA T/F 220kv s/s Azamgarh	2/17/2020			9,67,604.00		87,084.36			10,54,688.36	
163	E-400 AZAMGARH		Installation of 1X10 MVAR Capacitor Bank at 220 kv Azamgarh	5/11/2019			12,03,252.00		1,08,292.68			13,11,544.68	
163	E-400 AZAMGARH		Construction of New Battery charging Room at 220kv s/s Azamgarh	12/1/2019			5,45,500.00		49,095.00			5,94,595.00	
163	E-400 AZAMGARH		Civil work of 500 MVA T/F at 400kv s/s Azamgarh	1/2/2019			15,42,544.00		1,07,978.08			16,50,522.08	
163	E-400 AZAMGARH		400 KV S/s Azamgarh	4/14/2018				(11.56)				(11.56)	
164	ETD I JAUNPUR		132 KV Jaunpur-Gajokher LTO Line	5/29/2019			7,85,40,813.38		70,68,673.20			8,56,09,486.58	
164	ETD I JAUNPUR		Installation of 160 MVA T/F -III at 220 KV S/S Jaunpur	5/24/2019			7,75,28,864.99		69,77,597.85			8,45,06,462.84	
164	ETD I JAUNPUR		Installation of Capacitor Bank at 132 KV S/S Mariyahu	4/19/2019			32,31,025.06		2,90,792.25			35,21,817.31	
164	ETD I JAUNPUR		Installation of Capacitor Bank-I at 132 KV S/S Machhalishahar	4/30/2019			28,82,696.58		2,59,442.69			31,42,139.27	
164	ETD I JAUNPUR		Installation of Capacitor Bank-II at 132 KV S/S Machhalishahar	4/30/2019			28,82,696.59		2,59,442.69			31,42,139.28	
164	ETD I JAUNPUR		132 KV Jaunpur Bay at 132 KV S/S Mariyahu	5/26/2019			32,63,070.54		2,93,676.35			35,56,746.89	

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 अदीक्षण अभियन्ता

 समग्र निदेशक (निर्वाहन एवं वाणिज्य)

 उच्चप्रवाह विभाग

Capitalization Detail for FY 2019-20 (Zone: Transmission South East)												
FORMAT A-1												
Location Code	Name of Unit	SLNo	Name of Substation / Line	Commerical Operation Date (Anticipated/Actual)	Source of Fund		Base cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	Remark/Reason of delay, if any
165	ETD II JAUNPUR		Constr. Of store Building and other civil work (kerakat)	3/31/2020			21,09,469.10		1,89,852.22		22,99,321.32	
165	ETD II JAUNPUR		Constr. Of Drain pump house at 132 KV S/S Badapur Jaunpur	3/31/2020			15,33,126.30		1,37,981.37		16,71,107.67	
165	ETD II JAUNPUR		Constr. Of 1 No 33 KV Barsipur Bay (Shanganj)	9/30/2018			5,60,074.83		84,011.22		6,44,086.05	
165	ETD II JAUNPUR		Railway TSS line 132 KV Shahganj	10/17/2018			3,33,489.26		50,023.39		3,83,512.65	
165	ETD II JAUNPUR		Construction of EE ETD II of Building at 132 S/S Husanabad Jaunpur	3/31/2020			23,95,000.00		2,15,100.00		26,10,550.00	
165	ETD II JAUNPUR		Construction of 1 Nos 132 KV Azamgarh Bay at 132 KV S/S Kerakat	4/1/2018			4,43,353.00		39,901.77		4,83,254.77	
165	ETD II JAUNPUR		400 KV S/S Land Machalisahar Jaunpur	1/31/2019			(2,45,14,619.61)		(17,16,023.37)		(2,62,30,642.98)	
175	ETNC AZAMGARH		Construction of Ghazipur T&C Office at 220 KV S/S Ghazipur	3/31/2020			29,26,052.48		2,92,605.25		32,18,657.73	
178	ETNC GORAKHPUR		CONSTRUCTION OF T&C OFFICE DIVISION GKP	3/31/2020			10,54,116.00		94,870.44		11,48,986.44	
192	ETNC BASTI		Computer and Printer	3/31/2020			1,42,480.00		14,248.00		1,56,728.00	
192	ETNC BASTI		FURNITURE	3/31/2020			2,45,842.00		24,588.20		2,70,470.20	
251	E-Civil Circle Allahabad		Laptop	3/31/2020			1,78,853.80		17,885.38		1,96,739.18	
253	ECTD Gorakhpur		Computer and Printer	3/31/2020			3,18,304.20		31,830.42		3,50,134.62	
Grand Total							6,31,72,81,699.77	18,87,31,430.90	58,26,93,431.13		7,08,87,06,561.80	

(मनोज सिन्हा)
 अध्यक्ष अभियन्ता
 समग्र निर्देशक (नियोजन एवं वाणिज्य)
 उ०प्र० पा० द० का० लि०

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)

Sl. No.	Location code	Name of Unit	Sl. No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme / Agreement No.	Commencement Date of Operation	Base Cost	Loading	Check Loading Ratio	Avail Capitalised During the year	IOC Capitalised	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
00	305	E 400 K.V. S/S SULTANPUR	2	10 543	Erection & Commission of 220 KV DC,02 Nos	PEC 88101112	1 25 2019	1,37,07,611.89	8,40,673.09	6%	1,45,48,286.98	37,566.40	1,45,85,853.38
00	305	E 400 K.V. S/S SULTANPUR	2	10 543	Erection & Commission of 220 KV DC,02 Nos	PEC 88101112	4 25 2019	1,37,07,611.89	8,40,673.09	6%	1,45,48,286.98	37,566.40	1,45,85,853.38
00	305	E 400 K.V. S/S SULTANPUR	3	10 543	Strengthening of 220/132 KV AB B Bus bar	REC 047 2016-10599	12 23 2019	1,01,17,074.04	97,147.65	1%	1,02,14,221.69		1,02,14,221.69
00	305	E 400 K.V. S/S SULTANPUR	4	10 543	Erection of 33KV 2X10 MYAR Capacitor Bank	REC 4714744	9 15 2019	37,25,872.17	5,15,328.30	9%	62,41,200.67	18,050.52	62,59,251.19
00	305	E 400 K.V. S/S SULTANPUR	5	10 543	R&R of 220 KV Bus Sec III at 33KV	O&M	12 15 2019	2,81,905.83	25,731.33	9%	3,11,637.38		3,11,637.38
00	305	E 400 K.V. S/S SULTANPUR	6	10 543	Construction of 220 KV DC,02 Nos Sangrur	RIT Civil Sangrur	1 1 2019	77,57,011.00	3,42,991.00	7%	81,00,005.00		81,00,005.00
00	305	E 400 K.V. S/S SULTANPUR	7	10 543	Construction of 220 KV DC,02 Nos Sangrur	RIT Civil Sangrur	12 2 2019	23,99,267.00	1,67,949.00	7%	25,67,216.00		25,67,216.00
00	305	E 400 K.V. S/S SULTANPUR	8	10 401	Construction of REC Road Interconnecting	RIT Civil Sangrur	11 2 2019	31,27,079.00	2,18,475.53	7%	33,45,554.53		33,45,554.53
00	305	E 400 K.V. S/S SULTANPUR	9	10 543	Construction of Security Hut at 400 KV S/S	RIT Civil Sangrur	1 19 2019	3,11,092.00	23,316.44	7%	3,36,408.44		3,36,408.44
00	305	E 400 K.V. S/S SULTANPUR	10	10 320	Laying Water Supply Line at 400KV S/S Sub.	RIT Civil Sangrur	12 22 2018	6,36,802.00	44,576.00	7%	6,81,378.00		6,81,378.00
00	306	E T D GONDA	11	10 222	132 KV S/S Sangrur Type IV Resolvent	REC 4714742	12 2 2018	28,84,659.18	2,59,708.62	9%	31,45,360.00		31,45,360.00
00	306	E T D GONDA	12	10 222	132 KV S/S Tulpur Mang. entrv. Resolvent	PEC 88101107	6 30 2018	1,13,78,785.12	28,24,989.68	9%	3,42,03,774.00		3,42,03,774.00
00	306	E T D GONDA	13	10 222	220 KV S/S Gonda Resolvent work for S.E.	DTM RIT	7 19 2018	11,05,149.54	2,79,463.36	9%	13,84,613.00		13,84,613.00
00	306	E T D GONDA	14	10 223	132 KV Colonogany Security Wall, gate, cul	PEC 88101071	5 15 2016	1,30,53,599.08	9,59,723.92	9%	1,40,13,323.00		1,40,13,323.00
00	306	E T D GONDA	15	10 223	132 KV S/S Sangrur, R/W Extension, Tol	RIT 4714742	4 9 2019	30,13,370.63	2,71,203.36	9%	32,84,574.00		32,84,574.00
00	306	E T D GONDA	16	10 223	132 KV S/S Utrula, Bab amur, com. store	RIT 4714742	2 27 2019	16,29,187.16	1,26,626.84	9%	17,55,814.00		17,55,814.00
00	306	E T D GONDA	17	10 223	132 KV S/S Nawaibagay, security wall, gate	REC 10082	1 13 2018	15,04,511.21	1,45,418.79	9%	16,50,077.00		16,50,077.00
00	306	E T D GONDA	18	10 223	Construction of security wall, Security gate	RIT 4714742	4 19 2019	1,79,84,284.95	16,18,182.05	9%	1,96,02,467.00		1,96,02,467.00
00	306	E T D GONDA	19	10 541	160 MVA T/F @ 220 KV S/S Gonda (First)	REC 4712991	2 6 2018	51,669.67	4,830.27	9%	56,500.94		56,500.94
00	306	E T D GONDA	20	10 541	UC200 MVA T/F @ 220 KV S/S Gonda (First)	REC 4715747	1 19 2019	6,24,64,720.52	6,12,824.85	9%	6,79,77,545.37		6,79,77,545.37
00	306	E T D GONDA	21	10 541	UC200 MVA T/F @ 220 KV S/S Gonda (First)	REC 4715747	1 20 2019	6,24,72,229.78	6,40,951.08	9%	6,83,12,730.46		6,83,12,730.46
00	306	E T D GONDA	22	10 541	2x5 MYAR (Renovation & Upgrade) @	REC 14744	4 30 2019	9,41,136.67	82,900.30	9%	10,24,036.97		10,24,036.97
00	306	E T D GONDA	23	10 541	40 MVA T/F @ 220 KV S/S Gonda (Addition)	REC 9742	11 26 2016	5,12,141.36	47,892.72	9%	5,60,034.08	1,21,176.66	7,01,210.74
00	306	E T D GONDA	24	10 541	132 KV Substation Utrula (Addition)	REC 8118	1 21 2019	5,51,731.95	29,657.68	9%	6,01,389.63		6,01,389.63
00	306	E T D GONDA	25	10 541	UC 132 KV S/S Mangrur, 2x20 to 1x40+1x2	REC 10403	1 11 2016	8,78,765.00	79,088.85	9%	9,57,853.85		9,57,853.85
00	306	E T D GONDA	26	10 541	132 KV S/S Colonogany (Addition)	PEC 88101071	1 11 2018	16,44,432.28	1,19,150.00	9%	17,63,582.28		17,63,582.28
00	306	E T D GONDA	27	10 541	132 KV S/S Tulpur (under construction)	PEC 88101107	1 18 2019	1,21,12,000.00	1,00,513.65	9%	1,31,12,513.65		1,31,12,513.65
00	306	E T D GONDA	28	10 541	UC 2x40 to 63 MVA T/F AT 132 KV S/S B	REC 04710533	1 2 2020	2,55,18,411.46	2,10,257.21	9%	2,76,18,668.67		2,76,18,668.67
00	306	E T D GONDA	29	10 543	132 KV B & S 132 KV S/S Sangrur (1)	REC 04710533	2 30 2017	16,82,052.12	1,51,184.69	9%	18,33,236.81		18,33,236.81
00	306	E T D GONDA	30	10 541	2x5 MYAR Capacitor Bank At 132 KV S/S N	REC 3485	1 7 2019	20,56,729.09	1,85,105.62	9%	22,41,834.71		22,41,834.71
00	306	E T D GONDA	31	10 543	2x5 MYAR Capacitor Bank At 132 KV S/S N	REC 3485	1 15 2019	26,13,262.00	2,19,661.58	9%	28,32,923.58		28,32,923.58
00	306	E T D GONDA	32	10 541	2x5 MYAR Capacitor Bank At 132 KV S/S N	REC 3485	1 6 2020	26,41,537.64	2,16,064.92	9%	28,57,602.60		28,57,602.60
00	306	E T D GONDA	33	10 543	132 KV S/S Mangrur, Increasing Capacity 16	REC 10403	1 25 2019	26,48,393.58	2,16,115.82	9%	28,64,509.40		28,64,509.40
00	306	E T D GONDA	34	10 541	220 KV S/S Gonda capacitor bank work	RIT 14744	2 6 2019	17,53,086.23	1,47,497.76	9%	19,00,584.00		19,00,584.00
00	306	E T D GONDA	35	10 543	132 KV S/S Mangrur Capacitor bank work	REC 3485	2 15 2019	17,94,458.72	1,61,941.28	9%	19,56,400.00		19,56,400.00
00	306	E T D GONDA	36	10 541	132 KV S/S Tulpur, Turfing work	PEC 88101107	4 19 2019	20,77,229.82	6,46,951.08	9%	27,24,180.90		27,24,180.90
00	306	E T D GONDA	37	10 543	132 KV S/S Nawaibagay 01 no 132 KV found	REC 10082	8 9 2018	11,14,177.00	2,30,288.40	9%	13,44,465.40		13,44,465.40
00	306	E T D GONDA	38	10 543	2x5 MYAR (Renovation & Upgrade) at P/S	PSDF	4 30 2019	10,64,030.00	1,49,817.24	9%	12,13,847.24		12,13,847.24
00	306	E T D GONDA	39	10 601	220 KV Gonda Bus line (Addition)	REC 8118	4 5 2017	79,68,201.06	7,17,118.10	9%	86,85,319.16		86,85,319.16
00	306	E T D GONDA	40	10 601	132 KV Gonda (400 KV)- Mangrur line (A)	REC 1039382	6 16 2017	1,14,16,701.1	10,10,10.10	9%	1,24,26,801.20	8,756.44	1,25,12,557.64
00	306	E T D GONDA	41	10 601	Line Of 132 KV Utrula- Dumargaganj line	PEC 88101107	1 18 2019	2,87,16,283.36	2,13,821.50	9%	3,08,984.86		3,08,984.86
00	306	E T D GONDA	42	10 543	Consist of 33 KV 10 MYAR Capacitor Bank	88101071	12 23 2016	-	-	13KV 0%	8,81,018.67		8,81,018.67
00	306	E T D GONDA	43	10 543	Consist of 33 KV 10 MYAR Capacitor Bank	88101071	12 23 2016	-	-	13KV 0%	26,195.49		26,195.49
00	306	E T D GONDA	44	10 601	132 KV Utrula- Dumargaganj line (Addition)	REC 4714	1 23 2019	1,88,14,105.99	16,93,287.29	9%	2,05,07,393.28		2,05,07,393.28
00	308	ETD BAHRAICH	45	10 543	UC 40MVA T/F R	REC 4710578	15 11 2019	2,14,11,376.00	19,18,005.82	9%	2,33,29,381.82		2,33,29,381.82
00	308	ETD BAHRAICH	46	10 541	Transformer 18 Planch Civil Work	REC 4710578	15 11 2019	17,27,652.00	1,55,499.00	9%	18,83,151.00		18,83,151.00
00	308	ETD BAHRAICH	47	10 541	220KV S/S Bahraich UC 160 MVA T/F R	REC 4714457	2 5 2020	5,87,54,107.68	52,87,869.70	9%	6,40,41,977.38	2,81,931.52	6,43,23,908.90
00	308	ETD BAHRAICH	48	10 543	2x5 MYAR Capacitor Bank Wd	REC 4714744	30 09 2019	25,22,415.18	2,27,047.37	9%	27,49,462.55		27,49,462.55
00	308	ETD BAHRAICH	49	10 543	2x5 MYAR Capacitor Bank	REC 4714744	06 04 20 (93)	28,60,847.00	2,57,476.21	9%	31,18,323.21		31,18,323.21

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(मनोज सिंह)
अधीक्षण अभियन्ता
समय निर्देशक (निर्माण एवं वाणिज्य)
उपप्रयोगकर्ता

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)

Sl. No.	Location Code	Name of Unit	Sl. No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme / Agreement No.	Commenced Date of Operation	Base Cost	Loading	Check Loading Rate	Amort Capitalised During the year	IDC Capitalised	Total
300	308	ETD BAHRAICH	50	10 543	215 MVAR Capacitor Bank II	REC-4714744	12-04-2019	2,41,511.04	2,16,047.79	9%	16,16,578.83	5,264.73	26,21,843.56
300	308	ETD BAHRAICH	51	10 543	215 MVAR Capacitor Bank IInd	REC-4714744	15-07-2019	27,88,718.80	2,50,984.62	9%	30,19,702.62	1,401.93	30,41,106.55
300	308	ETD BAHRAICH	52	10 543	Additional work of 132 KV S/S Bhongu	REC-4710578	28-11-2014	89,48,148.81	1,71,933.18	9%	20,79,882.01		20,79,882.01
300	308	ETD BAHRAICH	53	10 543	Additional work of 132 KV S/S Nangara	REC-4710578	4-10-2017	54,27,594.50	4,79,478.52	9%	58,07,072.84		58,07,072.84
300	308	ETD BAHRAICH	54	10 543	Additional work of 132 KV S/S Pangaur	REC-4710210	6-26-2017	26,68,949.22	2,40,155.21	9%	29,08,546.65		29,08,546.65
300	308	ETD BAHRAICH	55	10 543	Additional work of 132 KV S/S Bangaur	REC-48103078	1-17-2017	15,67,761.54	1,01,998.43	9%	16,70,458.99		16,70,458.99
300	308	ETD BAHRAICH	56	10 543	10 MVAR Cap. Bank Grid Work	REC-4714744	15-07-2019	17,47,681.00	1,57,291.00	9%	19,04,972.00		19,04,972.00
300	308	ETD BAHRAICH	57	10 543	10 MVAR Cap. Bank Grid Work	REC-4714744	12-04-2019	20,01,121.00	1,81,101.00	9%	21,82,222.00		21,82,222.00
300	308	ETD BAHRAICH	58	10 543	10 MVAR Cap. Bank Grid Work	REC-4714744	18-04-2019	24,20,299.00	2,17,627.00	9%	26,38,126.00		26,38,126.00
300	308	ETD BAHRAICH	59	10 543	33 KV New Bridge BAT @Nangara S/S	Depositor	15-08-2016	4,40,650.55	4,09,098.93	15%	5,29,758.48		5,29,758.48
300	308	ETD BAHRAICH	60	10 543	33 KV Court Bay @ Bhongu S/S	Depositor	8-01-2016	6,15,800.29	5,72,109.04	15%	7,07,779.33		7,07,779.33
300	308	ETD BAHRAICH	61	10 543	33 KV Court Bay @132KV S/S Bahraich	Depositor	05-08-2016	10,65,035.62	1,94,887.34	15%	12,25,802.96		12,25,802.96
300	308	ETD BAHRAICH	62	10 543	132 KV DTH No. Brk Pyagaur (E) Bay	REC-3058	05-01-2020	71,03,034.70	6,39,455.12	9%	77,44,487.82		77,44,487.82
300	308	ETD BAHRAICH	63	10 543	33 KV Sator Bay @ 220 KV Brk	Depositor	11-02-2019	2,54,154.12	1,75,655.12	15%	28,80,007.24		28,80,007.24
300	308	ETD BAHRAICH	64	10 601	Additional work of 132 KV Bahraich Nangara	REC-3058	12-26-2017	21,42,869.74	2,10,822.28	9%	25,53,792.03		25,53,792.03
300	308	ETD BAHRAICH	65	10 601	Additional work of 132 KV Bhongu Bahraich Line		28-11-2014	14,29,099.75	1,31,118.71	9%	15,60,415.46		15,60,415.46
300	308	ETD BAHRAICH	66	10 601	Height Raising of 132 KV Bahraich Nangara	REC-3058	05-01-2016	1,16,773.67	1,13,996.03	9%	14,90,829.70		14,90,829.70
300	308	ETD BAHRAICH	67	10 601	140 of 132 KV Bhongu Nangara Line	PFC-88103078	16-01-2017	22,41,881.00	2,01,925.00	9%	24,43,755.00	6,154.88	24,52,120.48
300	308	ETD BAHRAICH	68	10 601	140 of 132 KV GD Brk Line at 220 KV S/S B	REC-4715176	05-01-2020	6,59,927.27	6,00,800.33	9%	7,19,727.60		7,19,727.60
300	308	ETD BAHRAICH	69	10 543	Construction of 220KV S/S Bahraich 2x100	00473058	6-26-2016	-	-	18%V	4,89,791.97		4,89,791.97
300	308	ETD BAHRAICH	70	10 543	Construction of 132KV Capacitor Bank	00473058	6-26-2016	-	-	18%V	12,647.21		12,647.21
300	308	ETD BAHRAICH	71	10 601	132KV Bay at Nangara 2 Nos	00473058	12-26-2017	-	-	18%V	16,096.45		16,096.45
300	308	ETD BAHRAICH	72	10 601	220KV Gondal (200KV Proposed) - Bahraich	00473058	6-26-2016	-	-	18%V	1,09,812.44		1,09,812.44
300	308	ETD BAHRAICH	73	10 543	Construction of 132/33 KV S/S Pangaur IE	00710210	6-26-2017	-	-	18%V	2,92,171.10		2,92,171.10
300	111	E.T.C. - LUKHNOW	74	10 906	Printer HP Laserjet 1136MFP	Q&M	2-14-2020	15,100.00	1,510.00	10%	16,610.00		16,610.00
300	124	E400 KV S/S BAREILLY	75	10 541	220 KV PUBHIT BAY-II	REC-0472018-13871	5-2-2019	1,04,44,412.31	2,30,555.82	2%	1,06,75,068.13	35,204.42	1,06,78,592.55
300	124	E400 KV S/S BAREILLY	76	10 521	COVERING OF MAINLINE TANK			1,81,017.76	1,71,271.24	7%	1,72,989.00		1,72,989.00
300	124	E400 KV S/S BAREILLY	77	10 541	220 KV E. B. GAN & DOWNA BAY	REC-0472018-13453	6-15-2019	1,90,251.00	7,86,211.11	2%	1,99,11,579.78	2,76,387.81	4,07,07,762.55
300	124	E400 KV S/S BAREILLY	78	10 541	SPECIAL PROTECTION SYSTEM			11,250.00	787.55	7%	12,037.55		12,037.55
300	124	E400 KV S/S BAREILLY	79	10 909	INSTALLATION OF VIDEO WALL AT 400 KV	IR	12-7-2019	1,15,631.11	18,56,114.90	10%	1,37,77,226.00		1,37,77,226.00
300	124	E400 KV S/S BAREILLY	80	10 541	BAR 63 KV T/F	IR	12-7-2019	1,55,550.00	2,84,966.79	7%	1,80,176.06		1,80,176.06
300	124	E400 KV S/S BAREILLY	81	10 576	Installation of Package type 6*15.5 ton cap	IR	12-7-2019	1,10,011.00	7,70,081.72	7%	1,17,71,279.72		1,17,71,279.72
300	125	E.T.D. BADAUN	82	10 601	Replacement of Disc Insulator by Polymer	IR/HP	11-26-2019	45,17,784.16	4,08,401.87	9%	49,46,186.03		49,46,186.03
300	125	E.T.D. BADAUN	83	10 601	Construction of 132KV Busbar Amda Line	REC-0472012-6371	7-20-2019	8,04,51,972.65	72,40,857.72	9%	8,76,98,830.37	17,55,519.87	8,94,50,350.24
300	125	E.T.D. BADAUN	84	10 545	Commissioning of Bus Bar Protection under	IR/HP	11-26-2019	29,26,690.00	2,61,402.16	9%	31,90,092.16		31,90,092.16
300	125	E.T.D. BADAUN	85	10 541	Erection of 200 MVA T/F Ind at 220 KV S/S	REC-0472016-10113	1-5-2019	21,34,934.00	2,10,144.00	9%	25,45,078.00		25,45,078.00
300	125	E.T.D. BADAUN	86	10 541	Work of Strengthening of 132 KV Main Bu	REC-04710153	11-26-2019	9,09,643.41	2,30,597.00	9%	12,77,241.32		12,77,241.32
300	125	E.T.D. BADAUN	87	10 541	Installation of 1010MVAR Capacitor Bank	REC-4714744	4-8-2019	26,81,599.41	2,41,031.95	9%	29,26,211.36		29,26,211.36
300	125	E.T.D. BADAUN	88	10 541	Construction of 132KV Amda Bay at 132KV	REC-0472012-6371	7-20-2019	99,54,829.21	1,55,054.03	9%	1,01,10,883.24	17,80,138.46	1,18,91,021.70
300	125	E.T.D. BADAUN	89	10 541	Construction of 132KV Amda Bay at 132KV	REC-4714744	4-8-2019	24,81,981.47	2,21,558.53	9%	27,07,541.98		27,07,541.98
300	125	E.T.D. BADAUN	90	10 541	Construction of 1010MVAR Capacitor Bank	REC-4714744	4-26-2019	29,07,270.21	2,61,054.44	9%	31,68,324.65		31,68,324.65
300	125	E.T.D. BADAUN	91	10 541	UT of 40 MVA to 610MVA T/F at 132 KV S/S	REC-0472019-15301	4-8-2019	2,52,638.61	22,74,175.77	9%	2,75,42,795.42		2,75,42,795.42
300	125	E.T.D. BADAUN	92	10 541	Erection of 610MVA T/F (T&R Make) at 132	REC-0472019-15309	1-27-2019	6,12,000.00	5,12,000.00	9%	6,69,170.00		6,69,170.00
300	125	E.T.D. BADAUN	93	10 541	Erection of 610MVA T/F (T&R Make) at 132	REC-0472019-15301	8-24-2019	6,21,900.00	5,61,900.00	9%	6,79,615.00		6,79,615.00
300	125	E.T.D. BADAUN	94	10 541	Construction of 1 X 1010MVAR Capacitor Bank	REC-4714744	18-05-2019	6,102,102.31	2,30,190.25	9%	12,72,291.99	7,456.88	12,79,748.87
300	125	E.T.D. BADAUN	95	10 541	UT Capacity of 20 MVA to 610MVA T/F (Amda)	REC-4715324	9-1-2019	6,71,900.00	786.96	9%	9,52,650.19		9,52,650.19
300	125	E.T.D. BADAUN	96	10 541	Construction of 1 X 1010MVAR Capacitor Bank	REC-4714744	8-31-2018	74,304.00	7,386.36	9%	82,190.36		82,190.36
300	125	E.T.D. BADAUN	97	10 541	Construction of 1010MVAR Capacitor Bank	REC-4714744	8-31-2018	18,468.00	5,262.12	9%	23,730.12		23,730.12
300	125	E.T.D. BADAUN	98	10 541	Construction of 1 X 1010MVAR Capacitor Bank	REC-4714744	1-6-2020	22,44,021.27	2,01,961.93	9%	24,45,983.12		24,45,983.12
300	125	E.T.D. BADAUN	99	10 541	33KV Bhona Badhul & Bhona Amda at B	Depositor	6-9-2019	11,45,483.28	1,71,822.52	15%	13,17,306.00		13,17,306.00
300	125	E.T.D. BADAUN	100	10 541	Grid work ATD Received with loading ager	REC-0472016-10113	1-30-2020	16,51,855.94	1,46,865.00	9%	17,98,720.94		17,98,720.94
300	125	E.T.D. BADAUN	101	10 541	Grid work ATD Received with loading ager	REC-4714744	4-31-2018	18,54,726.44	1,66,925.56	9%	20,21,652.00		20,21,652.00
300	125	E.T.D. BADAUN	102	10 541	Construction of 132KV S/S Sahawan	REC-08103104	4-11-2018	7,106,12,183.60	63,56,014.52	9%	7,89,89,198.12	91,41,110.25	8,01,30,308.37
300	142	ETD SHAHINSHAH	103	10 601	132 kv Gola Banda Line	REC-0472012-6990	11-14-2018	91,650.00	6,248.50	9%	99,898.50		99,898.50
300	142	ETD SHAHINSHAH	104	10 601	132 KV Power Line Banda Line	REC-0472012-6990	4-11-2017	1,11,800.00	2,761.20	9%	1,14,561.20		1,14,561.20

Kamran

(मनज सिंह)
अधीक्षक अभियन्ता
राज्य निर्देशक (नियोजन एवं वाणिज्य)
उपप्रमोदोद्धारकालि

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)

Sl. No.	Location Code	Name of Unit	Sl. No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme / Agreement No.	Commencement Date of Operation	Base Cost	Loading	Check Loading Rate	Ann Capitalised During the year	IOC Capitalised	Total
300	342	ETO SHAHINAMPUR	105	10 501	Const. of 132 KV SPM Mag Line	REC 047 2011, 4015	1.4.2018	7,55,124.00	6,796.41	9%	8,23,112.41		8,23,112.41
300	342	ETO SHAHINAMPUR	106	10 501	Increasing cap 132 KV S/S Power	REC 4715128	6.20.2019	2,56,01,526.61	21,09,517.94	9%	2,79,71,064.00		2,79,71,064.00
300	342	ETO SHAHINAMPUR	107	10 501	Increasing cap 132 KV S/S SPM	REC 10393	8.9.2019	1,95,06,250.00	17,55,562.50	9%	2,12,61,812.50	5,80,114.41	2,18,41,926.91
300	342	ETO SHAHINAMPUR	108	10 501	Capciter bank at 220 KV S/S SPM	REC 14744	7.9.2019	64,70,355.00	5,82,140.95	9%	70,52,795.95	4,111.51	70,56,907.46
300	342	ETO SHAHINAMPUR	109	10 501	220 KV S/S SPM (VSC)	REC 11690	6.25.2018	11,20,681.00	1,00,861.47	9%	12,21,542.47		12,21,542.47
300	342	ETO SHAHINAMPUR	110	10 107	220KV S/S Aggarwal	REC 84101158		-11.00		9%	-11.00		13.00
300	342	ETO SHAHINAMPUR	111	10 102	132KV S/S Lalabhad			5.00		9%	5.00		5.00
300	342	ETO SHAHINAMPUR	112	10 501	132KV S/S Lalabhad			5.00		9%	5.00		5.00
300	342	ETO SHAHINAMPUR	113	10 501	Capciter bank at 132 KV S/S Lalabhad	REC 14744	9.17.2019	12,87,970.00	2,94,917.84	9%	15,82,887.84	8,612.91	15,88,500.75
300	342	ETO SHAHINAMPUR	114	10 501	Increasing cap 132 KV S/S Power	REC 4715128	6.20.2019	79,91,825.59	7,19,264.26	9%	87,11,089.85		87,11,089.85
300	342	ETO SHAHINAMPUR	115	10 501	Const. of 132 KV S/S Lalabhad	REC 10149	7.12.2017	5,18,210.00	46,618.10	9%	5,64,828.10		5,64,828.10
300	342	ETO SHAHINAMPUR	116	10 501	Increasing cap 132 KV S/S SPM	REC 10393	8.9.2019	11,29,068.00	1,01,669.29	9%	12,31,330.49		12,31,330.49
300	342	ETO SHAHINAMPUR	117	10 501	Capciter bank at 132 KV S/S SPM	REC 14744	7.9.2019	22,18,812.00	1,99,657.26	9%	24,18,071.26	4,612.91	24,22,684.17
300	342	ETO SHAHINAMPUR	118	10 501	Capciter bank at 132 KV S/S Power	REC 14744	6.20.2019	1,82,927.00	16,461.43	9%	1,99,190.43	150.47	1,99,540.85
300	342	ETO SHAHINAMPUR	119	10 501	31 KV Subst Bay at 132 KV S/S Power	Depos	1.4.2017	5,74,841.00	80,226.15	11%	6,61,067.15		6,61,067.15
300	342	ETO SHAHINAMPUR	120	10 8	Furniture at T & C Division Sp	W/Cap	5.31.2019	1,88,229.00	18,822.00	10%	2,07,042.00		2,07,042.00
300	342	ETO SHAHINAMPUR	121	10 8	Alarm at T&P room at 220 KV S/S SPM	W/Cap	8.31.2019	11,844.00	1,184.00	10%	13,028.00		13,028.00
300	342	ETO SHAHINAMPUR	122	10 8	BOD testing set/tower tally at T&P room	W/Cap	2.28.2020	12,78,688.00	1,27,804.81	10%	14,06,566.80		14,06,566.80
300	342	ETO SHAHINAMPUR	123	10 572	T&P room (Mobile) at 132 KV S/S SPM	W/Cap	5.31.2019	1,150.00	115.00	10%	1,265.00		1,265.00
300	342	ETO SHAHINAMPUR	124	10 501	Fork road at 132 KV S/S Tihar	W/Cap	6.30.2019	2,10,968.44	19,527.16	9%	2,36,495.60		2,36,495.60
300	342	ETO SHAHINAMPUR	125	10 501	Tramal imager at T&P room at 220 KV S/S SPM	W/Cap	2.28.2020	6,94,911.21	62,361.59	9%	7,56,472.80		7,56,472.80
300	342	ETO SHAHINAMPUR	126	10 501	Capciter bank at 220 KV S/S SPM	REC 14744	7.9.2019	18,11,445.00	1,64,028.97	9%	19,74,462.00		19,74,462.00
300	342	ETO SHAHINAMPUR	127	10 501	Capciter bank at 132 KV S/S Lalabhad	REC 14744	6.17.2019	24,26,196.21	2,18,843.76	9%	26,44,979.00		26,44,979.00
300	342	ETO SHAHINAMPUR	128	10 501	Capciter bank at 132 KV S/S Power	REC 14744	6.20.2019	17,24,769.72	1,51,229.28	9%	18,75,999.00		18,75,999.00
300	342	ETO SHAHINAMPUR	129	10 601	132 KV Lalabhad correction			52,39,089.57		9%	52,39,089.57		52,39,089.57
300	342	ETO SHAHINAMPUR	130	10 501	132 KV Lalabhad correction			52,39,089.57		9%	52,39,089.57		52,39,089.57
300	342	ETO SHAHINAMPUR	131	10 501	Const. of Civil work related UT at 132 KV S/S	REC 4715128	6.20.2019	16,17,768.00	1,37,999.19	9%	17,85,146.00		17,85,146.00
300	342	ETO SHAHINAMPUR	132	10 601	Const. of 112 KV DC line and stringing of 4	04710149	12.22.2017			11%V 0%		70,70,677.02	70,70,677.02
300	352	400 KV S/S LUKENOW	133	10 541	61MVA T/F at 220 KV S/S	REC 10108	2.4.2020	1,74,04,774.00	15,26,130.00	9%	1,89,71,204.00		1,89,71,204.00
300	352	400 KV S/S LUKENOW	134	10 541	200MVA T/F at 220 KV S/S	REC 10108	12.16.2019	5,96,72,081.00	51,88,487.71	9%	6,52,60,568.71	11,06,494.57	6,63,67,063.28
300	352	400 KV S/S LUKENOW	135	10 541	145KV PT at 220 KV S/S	W	6.16.2019	92,344.50	8,329.00	9%	1,00,873.50		1,00,873.50
300	352	400 KV S/S LUKENOW	136	10 541	Paragon indicator at 220 KV S/S	W	11.29.2019	35,00,624.00	2,45,044.00	7%	37,45,668.00		37,45,668.00
300	352	400 KV S/S LUKENOW	137	10 541	IMRC at 220 KV S/S	Deposit	5.23.2019	36,97,951.00	5,54,691.00	15%	42,52,644.00		42,52,644.00
300	352	400 KV S/S LUKENOW	138	10 541	220 KV 11kv Bus at 220 KV S/S	W	1.20.2020	36,13,459.00	1,25,210.55	9%	39,38,669.55		39,38,669.55
300	352	400 KV S/S LUKENOW	139	10 541	500MVA T/F at 400 KV S/S	REC 13310	4.16.2019	12,72,98,111.00	89,10,868.00	7%	13,62,08,979.00	4,10,293.36	13,66,19,272.36
300	352	400 KV S/S LUKENOW	140	10 541	420KV CVT at 400 KV S/S	W	6.17.2019	2,55,009.00	17,850.00	7%	2,72,859.00		2,72,859.00
300	352	400 KV S/S LUKENOW	141	10 906	Computer at T&P	W	2.23.2020	1,42,481.00	14,248.00	10%	1,56,729.00		1,56,729.00
300	352	400 KV S/S LUKENOW	142	10 541	Pinch for 500MVA (GF Make) Civil Work	REC 13310	6.3.2019	26,55,795.31	1,83,903.67	7%	28,41,701.00		28,41,701.00
300	352	400 KV S/S LUKENOW	143	10 541	Pinch for 500MVA (BHEL Make) Civil Work	REC 13310	6.3.2019	25,08,459.27	1,73,591.73	7%	26,84,045.00		26,84,045.00
300	353	400 KV S/S UNHAD	144	10 541	315 MVA T/F	REC 047-2017-13305	4.12.2019	8,17,52,788.72	57,22,099.00	7%	8,74,75,480.72	52,076.90	8,75,27,557.62
300	353	400 KV S/S UNHAD	145	10 541	Address mail work of 160 MVA T/F	REC 047-2017-13305	2.3.2020	7,13,815.61	29,989.89	7%	7,61,825.50		7,61,825.50
300	353	400 KV S/S UNHAD	146	10 541	Bus Bar Protection	W	9.19.2019	84,05,129.46	6,13,188.64	7%	90,18,318.10		90,18,318.10
300	353	400 KV S/S UNHAD	147	10 541	Photohag Bay	REC 047-2019-15190	10.4.2019	1,07,59,805.21	21,51,186.36	7%	1,29,10,991.57		1,29,10,991.57
300	353	400 KV S/S UNHAD	148	10 541	160 MVA T/F	REC 047-2017-13305	4.12.2019	2,65,18,196.52	32,46,287.00	7%	2,97,64,483.52	4,77,136.80	2,97,64,483.52
300	353	400 KV S/S UNHAD	149	10 545	Renovation & Upgradation of PSDF	REC 047-2017-13305	4.12.2019	11,122.17	1,321.88	7%	12,443.05		12,443.05
300	353	400 KV S/S UNHAD	150	10 541	400 KV Bay	REC 047-2017-13305	4.12.2019	1,29,91,873.76	22,67,211.11	7%	1,52,59,084.87	4,611.17	1,52,59,084.87
300	353	400 KV S/S UNHAD	151	10 541	Civil Work of 02 Nos. Photohag Bay	REC 047-2019-15190	5.11.2019	24,57,374.00	1,70,616.00	7%	26,27,990.00		26,27,990.00
300	353	400 KV S/S UNHAD	152	10 541	Civil Work of 315 MVA T/F and 400/220 KV	REC 047-2017-13305	1.2.2020	1,01,49,881.00	7,10,492.00	7%	1,08,60,373.00		1,08,60,373.00
300	353	400 KV S/S UNHAD	153	10 541	Civil Work of 160 MVA T/F	REC 047-2017-13305	1.4.2020	1,72,227.00	1,20,486.00	7%	1,81,713.00		1,81,713.00
300	354	476.5 KV S/S UNHAD	154	10 906	Printer	W	4.9.2019	6,883.00	689.00	10%	7,572.00		7,572.00
300	354	476.5 KV S/S UNHAD	155	10 906	Computer	W	2.6.2020	1,42,381.00	14,248.00	10%	1,56,629.00		1,56,629.00

Amir

(Signature)
अमिताभ अनियन्ता
समय निदेशक (नियोजन एवं वाणिज्य)
उपप्रमोद प्रमोद

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)

Sl. No.	Location Code	Name of Unit	Sl. No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme/ Agreement No.	Commercial Date of Operation	Base Cost	Loading	Check Loading Rate	Asset Capitalized During the year	IOC Capitalized	Total
154	ETD HARDO	E 765 KV TD LHMAG	158	10 541	Crd Work Construction of 01 No. Manup	REC	9 10 2018	31 89 248 193	2 19 46 113	5%	46 08 711 00		46 08 711 00
154	ETD HARDO	E 765 KV TD LHMAG	157	10 541	Crd Work Construction of Open store yor	REC	6 27 2016	31 10 175 193	1 50 439 193	5%	31 60 684 00		31 60 684 00
154	ETD HARDO		158	10 102	Construction of 132 KV Bharan S/S	REC 047 2019 15627		-5 00		1%	-5 00		-5 00
154	ETD HARDO		159	10 102	Construction of 220 KV Mahan S/S	REC 047 2019 6202		-23 00		1%	-23 00		-23 00
154	ETD HARDO		160	10 213	Construction of 132 KV Asha S/S	REC 047 118 86	9 22 2018	74 78 547 21	6 82 867 79	4%	81 61 415 00		81 61 415 00
154	ETD HARDO		161	10 213	Security wall And Gate Work At 132 KV Sand	IR	5 11 2019	26 16 067 03	2 17 246 193	4%	28 71 311 00		28 71 311 00
154	ETD HARDO		162	10 315	Water supply under pipe Line at 220 KV S/S	IR	12 28 2018	4 59 820 03	21 184 03	4%	5 01 204 00		5 01 204 00
154	ETD HARDO		163	10 401	Construction of 01 No. ATM AND 2 00 M V	IR	7 5 2019	1 62 7 30 181	32 646 03	4%	1 95 376 00		1 95 376 00
154	ETD HARDO		164	10 541	Installation & Erection of 160MVA Transformer	REC 047 965 76	1 19 2019	4 22 80 000 03	9 72 26 8 03	10%	5 73 55 178 81	8 74 867 97	5 81 80 046 78
154	ETD HARDO		165	10 541	Construction of 25MVAR Capacitor Bank	REC 047 187 44	7 17 2019	29 71 6 54 03	2 67 447 193	4%	32 39 081 00	2 908 14	32 41 989 14
154	ETD HARDO		166	10 541	Construction of 25MVAR Capacitor Bank	REC 047 187 44	7 17 2019	41 32 2 46 193	1 91 716 14	4%	47 44 122 34	8 674 27	47 52 796 61
154	ETD HARDO		167	10 541	Construction of 25MVAR Capacitor Bank	REC 047 187 44	7 17 2019	87 88 918 193	7 91 182 65	4%	95 79 920 65	11 231 43	95 91 152 08
154	ETD HARDO		168	10 8	F & B	IR	1 19 2020	4 51 225 03	50 025 80	4%	6 03 248 80		6 03 248 80
154	ETD HARDO		169	10 601	Construction of 220 KV PCKS Substation	REC 047 966 81	8 25 2019	-	-	10% IV	-	1 30 126 96	1 30 126 96
154	ETD SITAPUR		170	10 541	Installation of 2x10MVAR Capacitor Bank 2	REC 471 47 44	5 24 2019	77 01 648 193	6 93 128 193	4%	81 96 976 79		81 96 976 79
154	ETD SITAPUR		171	10 541	Crd Work for Installation of 2x10MVAR C	REC 471 47 44	4 22 2019	18 12 2 07 193	1 50 599 193	4%	21 43 506 00		21 43 506 00
154	ETD SITAPUR		172	10 541	Installation of 2x10MVAR Capacitor Bank 2	REC 471 47 44	8 11 2019	17 65 14 5 193	1 58 854 193	4%	19 23 899 00		19 23 899 00
154	ETD SITAPUR		173	10 541	Installation of 2x10MVAR Capacitor Bank 2	REC 471 47 44	6 12 2019	23 18 964 193	2 12 807 193	4%	25 71 371 00		25 71 371 00
154	ETD SITAPUR		174	10 541	Installation of 160MVA T/F at 220KV S/S	REC 471 168 9	4 22 2019	6 19 51 184 193	57 55 253 193	4%	6 97 07 009 00		6 97 07 009 00
154	ETD SITAPUR		175	10 541	Crd Work for Installation of 160MVA T/F	REC 471 168 9	4 22 2019	18 89 9 54 193	9 62 196 193	4%	1 16 52 050 00		1 16 52 050 00
154	ETD SITAPUR		176	10 541	Crd Work at 132KV S/S Lahrus	REC 476 912	8 20 2016	7 14 584 03	62 111 193	4%	7 78 875 00		7 78 875 00
154	ETD SITAPUR		177	10 541	Crd Work at 132KV S/S Har	REC 476 906	10 19 2015	77 47 010 193	6 97 218 193	4%	84 44 241 00		84 44 241 00
154	ETD SITAPUR		178	10 541	Crd Work Security Wall at 132KV S/S M	REC 476 907	11 2 2014	7 52 407 193	67 717 193	4%	8 20 124 00		8 20 124 00
154	ETD SITAPUR		179	10 401	Crd Work Approach Road at 132KV S/S M	REC 476 907	9 29 2014	1 04 68 000 193	9 08 125 193	4%	1 09 74 181 00		1 09 74 181 00
154	ETD SITAPUR		180	10 541	Crd Work at 132KV S/S Mahmedabad	REC 476 907	12 30 2018	1 77 10 94 5 193	15 91 985 193	4%	1 93 04 930 00		1 93 04 930 00
154	ETD SITAPUR		181	10 545	Installation of T/F Control Panel at 220KV	PSDF	1 4 2020	5 41 199 193	45 015 00	4%	5 45 474 00		5 45 474 00
154	ETD SITAPUR		182	10 541	Installation of 20MVA T/F at 132KV S/S M	IR	6 22 2019	1 66 20 310 193	12 94 82 193	4%	1 81 16 138 00		1 81 16 138 00
154	ETD SITAPUR		183	10 545	Installation of Distance Protection Panel at	PSDF	8 9 2019	27 36 2 99 193	1 56 766 193	4%	27 81 055 00		27 81 055 00
154	ETD SITAPUR		184	10 601	Const. of 132KV New Muzah 130 Line	REC 047 1816	12 16 2019	11 51 2 5 98 7 193	1 04 61 199 193	4%	12 54 87 127 00		12 54 87 127 00
154	ETD SITAPUR		185	10 541	Installation of 40MVA T/F at 132KV S/S Har	IR	2 14 2020	1 20 64 715 193	10 84 824 193	4%	1 31 50 539 00		1 31 50 539 00
154	ETD SITAPUR		186	10 541	Crd work for 33KV Bus & Bus Foundation	IR	4 22 2019	14 36 715 193	1 29 934 193	4%	15 66 019 00		15 66 019 00
154	ETD SITAPUR		187	10 102	Land			-10 00		1%	-10 00		-10 00
154	ETD SITAPUR		188	10 601	Const. Of 132KV LMP Lahrus Line	0047 8912	8 30 2018	-	-	10% IV	-	72 54 264 08	72 54 264 08
154	ETD SITAPUR		189	10 541	Increasing Capacity of 132 KV S/S Lahrus	04710400	12 18 2016	-	-	10% IV	-	86 751 81	86 751 81
154	ETD LASHIMPUR		190	10 102	Land surplus under lease for const. of 132	REC Proposed		-5 00		1%	-5 00		-5 00
154	ETD LASHIMPUR		191	10 101	Land for Construction of 220 KV S/S Rhar	REC Proposed		-1 67 28 219 03		1%	-1 67 28 219 03		-1 67 28 219 03
154	ETD LASHIMPUR		192	10 541	Const. cap at 132 KV S/S Lahrus	4718744	6 18 2019	29 28 189 91	2 61 517 09	4%	31 91 727 00	50 18	31 91 777 14
154	ETD LASHIMPUR		193	10 541	Crd work for const. capacitor bank at 132	4718744	6 18 2019	18 18 764 22	1 67 288 78	4%	20 26 051 00		20 26 051 00
154	ETD LASHIMPUR		194	10 541	Const. capacitor bank at 132 KV S/S Gola	4718744	7 14 2019	27 99 640 37	2 51 467 61	4%	30 51 608 00	1 351 79	30 52 961 79
154	ETD LASHIMPUR		195	10 541	Crd work for const. capacitor bank at 132	4718744	7 14 2019	18 66 544 95	1 67 989 05	4%	20 34 534 00		20 34 534 00
154	ETD LASHIMPUR		196	10 545	Replacement of OPGW at 132 KV S/S Gola	PSDF	8 1 2019	1 10 21 605 67	9 02 124 15	4%	1 20 15 728 00		1 20 15 728 00
154	ETD LASHIMPUR		197	10 541	Instal. Of 63 MVA T/F at 132 KV S/S Gola	REC 182	1 2 2020	1 6 106 509 12	14 67 585 81	4%	1 77 74 095 00		1 77 74 095 00
154	ETD LASHIMPUR		198	10 101	220 KV S/S Amaravati Land from AG 10 to 4	REC 0810332	WTP	-4 76 19 059 193	-	1%	-4 76 19 059 193		-4 76 19 059 193
154	ETD LASHIMPUR		199	10 101	Land of 132 KV S/S Badar	WTP	1 21 2017	88 77 515 40	-	1%	88 77 515 40		88 77 515 40
154	ETD LASHIMPUR		200	10 521	Const. Of Main Gantry Foundation of ALU S	REC Submitted	1 1 2020	1 17 97 048 62	10 61 734 18	4%	1 28 54 781 00		1 28 54 781 00
154	ETD LASHIMPUR		201	10 521	Const. Of Main Gantry Foundation of ALU S	REC Submitted	1 1 2020	1 17 97 048 62	10 61 734 18	4%	1 28 54 781 00		1 28 54 781 00
154	ETD LASHIMPUR		202	10 541	Const. Of 132KV Water Reserve Tank 2	REC 476621	12 10 2019	17 98 643 193	1 61 877 87	4%	19 60 520 87		19 60 520 87
154	ETD LASHIMPUR		203	10 541	Const. Of 1 No. 220 KV BLY (HOD) 2nd Bay	REC 471 3853	2 2 2020	11 56 920 97	1 02 122 99	4%	12 58 043 86		12 58 043 86
154	ETD LASHIMPUR		204	10 541	Const. of 2x10 MVAR Capacitor Bank at 2	REC 471 8744	9 10 2019	94 92 266 193	7 64 813 91	4%	92 56 570 04		92 56 570 04
154	ETD LASHIMPUR		205	10 541	Const. of 1 No. 220 KV Bay at 220 KV S/S	REC 471 3543	2 2 2020	1 1 29 620 18	1 24 165 82	4%	15 01 786 00	79 776 11	15 01 786 00
154	ETD LASHIMPUR		206	10 541	Const. of 1 No. 220 KV Bay (Bareilly) 2nd Bay	REC 471 3873	1 12 2019	24 85 838 65	2 23 727 28	4%	27 09 585 93		27 09 585 93
154	ETD LASHIMPUR		207	10 541	Const. of 220 KV S/S Pabhat (Crd Work and	REC 476621	1 1 2020	5 29 25 139 45	47 61 262 55	4%	5 76 86 402 00	9 60 193 11	5 86 46 595 11
154	ETD LASHIMPUR		208	10 541	Const. of 2x10 MVAR Capacitor Bank at 220	REC 471 8744	1 1 2020	14 24 147 14	1 08 166 66	4%	17 37 377 00		17 37 377 00
154	ETD LASHIMPUR		209	10 541	Const. of Installation of 2x160 MVA T/F at	REC 471 8744	1 1 2020	19 94 145 78	1 79 022 22	4%	21 79 058 00		21 79 058 00
154	ETD LASHIMPUR		210	10 541	Const. of 33 KV Bay for 400 KV S/S Supply	IR	1 1 2020	9 84 145 87	88 564 15	4%	10 72 610 00		10 72 610 00
154	ETD LASHIMPUR		211	10 541	Const. Of additional work at 220 KV S/S Pu	REC 476621	1 1 2020	14 57 719 03	1 81 194 71	4%	15 88 913 71		15 88 913 71
154	ETD LASHIMPUR		212	10 541	Const. Of 160 MVA T/F at 220 KV S/S Doh	REC 471 8744	7 19 2019	4 43 01 494 15	39 87 111 82	4%	4 82 88 590 47		4 82 88 590 47

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निर्वाहक
अध्यक्ष अभियन्ता
समृद्ध निराल (नियोजन एवं वाणिज्य)
उपप्रमुख/प्रमुख/प्रमुख

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)

Sl. No.	Location Code	Name of Unit	Sl. No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme/ Agreement No.	Commercial Date of Operation	Base Cost	Loading	Churn Loading Rate	Asset Capitalised During the year	IOC Capitalised	Total
001	123	ETD-II BAREILY	212	10 541	VC of 1x150 MVA T/F at 220 KV S/S Pibhina	RIC Submitted	12-14-2019	1,85,81,562.58	14,72,320.63	9%	4,30,56,081.21		4,70,56,081.21
001	123	ETD-II BAREILY	213	10 541	ABR 220 KV S/S Dohra	IB	1-11-2020	8,66,111.00	77,976.99	9%	9,44,187.99		9,44,187.99
001	123	ETD-II BAREILY	214	10 541	VC of 132 KV S/S Poorangpur	IB	2-27-2020	1,78,42,569.70	16,01,811.27	9%	1,94,48,400.97		1,94,48,400.97
001	123	ETD-II BAREILY	215	10 541	ABR of 132 KV S/S Bhabhur	IB	1-11-2020	1,18,186.00	27,567.54	9%	3,31,871.54		3,31,871.54
001	123	ETD-II BAREILY	216	10 541	ABR of 132 KV S/S Pibhina	IB	1-11-2020	27,58,511.12	4,28,267.82	9%	51,86,799.14		51,86,799.14
001	123	ETD-II BAREILY	217	10 541	Const. of 1x10 MVAR Capacitor Bank at 132 KV S/S Pibhina	REC/Temp. S&S	9-10-2019	70,44,725.00	6,14,712.53	9%	5,62,909.00	12.68% 50%	53,62,909.00
001	123	ETD-II BAREILY	218	10 541	Const. of 1x10 MVAR Capacitor Bank at 132 KV S/S Pibhina	REC-4714744	1-1-2020	19,20,100.00	4,42,909.00	9%	17,62,261.50		17,62,261.50
001	123	ETD-II BAREILY	219	10 541	Const. of 1x10 MVAR Capacitor Bank at 132 KV S/S Pibhina	REC-4714744	1-1-2020	16,16,751.67	4,45,507.83	9%	17,62,261.50		17,62,261.50
001	123	ETD-II BAREILY	220	10 541	Const. of Power Evaporation Trench of 2x2x2	REC-88101121	1-1-2020	91,61,989.83	6,42,513.17	9%	1,02,04,134.00		1,02,04,134.00
001	123	ETD-II BAREILY	221	10 541	Const. of 1x10 MVAR Cap Bank at 132 KV S/S Pibhina	REC-4714744	1-1-2020	29,77,211.58	1,86,969.92	9%	22,64,413.50		22,64,413.50
001	123	ETD-II BAREILY	222	10 541	Const. of 132/132 KV SAS Sub Station Pibhina	REC-88101121	2-1-2019	4,80,55,218.06	44,14,789.63	9%	5,34,68,007.69		5,34,68,007.69
001	123	ETD-II BAREILY	223	10 541	ABR of 132 KV S/S Dohra	IB	1-11-2020	6,54,798.00	57,111.82	9%	6,91,909.82		6,91,909.82
001	123	ETD-II BAREILY	224	10 541	Additional Work of 1x10 MVAR Capacitor Bank at 132 KV S/S Pibhina	REC-4714744	1-1-2020	29,42,100.00	2,618.07	9%	32,031.07		32,031.07
001	123	ETD-II BAREILY	225	10 541	ABR of 6x1 MVA T/F at 132 KV S/S Dohra	IB	9-11-2019	1,12,41,044.00	1,51,693.97	9%	1,87,92,738.05		1,87,92,738.05
001	123	ETD-II BAREILY	226	10 541	ABR of 6x1 MVA T/F at 132 KV S/S Dohra	REC-4715282	12-9-2019	41,28,644.62	1,89,582.52	9%	47,18,227.14		47,18,227.14
001	123	ETD-II BAREILY	227	10 541	Additional Work at 132 KV S/S Newabang	REC-4710061	10-11-2019	7,07,264.00	61,654.12	9%	7,70,917.12		7,70,917.12
001	123	ETD-II BAREILY	228	10 541	Const. of 132 KV Dohra and Bay at 132 KV S/S Pibhina	REC-4715282	12-9-2019	42,98,947.62	1,86,985.29	9%	46,85,832.91		46,85,832.91
001	123	ETD-II BAREILY	229	10 541	Const. of 1x10 MVA Capacitor Bank at 132 KV S/S Pibhina	REC/Temp. S&S	9-21-2019	27,10,111.16	2,13,913.78	9%	29,54,066.94		29,54,066.94
001	123	ETD-II BAREILY	230	10 541	Const. of 1x10 MVA Capacitor Bank at 132 KV S/S Pibhina	Deposited	9-6-2019	1,18,909.75	17,266.46	15%	1,32,146.21		1,32,146.21
001	123	ETD-II BAREILY	231	10 541	Const. of 1x10 MVA Capacitor Bank at 132 KV S/S Pibhina	Deposited	9-6-2019	2,61,110.80	49,169.70	15%	5,30,301.00		5,30,301.00
001	123	ETD-II BAREILY	232	10 541	Const. of 132 KV Dohra and Bay at 132 KV S/S Pibhina	Deposited	1-7-2020	16,64,485.00	2,29,679.82	15%	19,11,158.43		19,11,158.43
001	123	ETD-II BAREILY	233	10 541	Const. of 132 KV Dohra and Bay at 132 KV S/S Pibhina	Deposited	1-7-2020	13,34,185.22	1,13,627.78	15%	17,75,813.00		17,75,813.00
001	123	ETD-II BAREILY	234	10 546	ABR of 132 KV S/S Dohra Pibhina Line (for 132 KV S/S Pibhina)	PSD	2-2-2019	15,99,119.19	1,21,581.61	9%	79,18,912.60		79,18,912.60
001	123	ETD-II BAREILY	235	10 601	Const. of 132 KV S/S Dohra Pibhina Line (for 132 KV S/S Pibhina)	REC-4713853	11-20-2019	2,32,02,589.72	20,88,232.27	9%	2,52,90,821.99		2,52,90,821.99
001	123	ETD-II BAREILY	236	10 601	Const. of 220KV S/S (400) Pibhina Line II	REC-4713873	9-7-2019	4,66,75,092.03	42,01,839.28	9%	5,08,76,931.31	7.16 714.54	5,15,93,545.85
001	123	ETD-II BAREILY	237	10 601	Const. of 220KV S/S Dohra Rata Line (Expend)	REC-474310	2-14-2016	40,23,088.61	4,13,076.17	9%	51,66,144.78	7.58 865.79	63,24,610.57
001	123	ETD-II BAREILY	238	10 601	ABR of 120 KV Rata Dohra Line (for 120 KV S/S Pibhina)	REC-474310	7-8-2018	79,87,204.35	7,18,848.99	9%	87,06,053.74		87,06,053.74
001	123	ETD-II BAREILY	239	10 601	Const. of 1 No Dead End Tower for 220 KV S/S Pibhina	REC-4713853	6-28-2019	1,69,05,880.01	1,21,529.28	9%	4,02,27,410.19		4,02,27,410.19
001	123	ETD-II BAREILY	240	10 601	Const. of 132 KV Bhabhur Pibhina Line	REC-4713853	1-8-2020	1,10,75,071.34	1,17,67,636.60	9%	14,25,19,759.94		14,25,19,759.94
001	123	ETD-II BAREILY	241	10 601	Const. of 132 KV Pibhina Bhabhur Line (for 132 KV S/S Pibhina)	REC-4713853	1-8-2020	2,19,15,529.36	21,55,517.64	9%	2,60,65,747.00		2,60,65,747.00
001	123	ETD-II BAREILY	242	10 601	Const. of 132 KV S/S Newabang of 132 KV S/S Pibhina	REC-4715282	12-9-2019	1,11,42,571.60	10,02,813.62	9%	1,21,45,187.22		1,21,45,187.22
001	123	ETD-II BAREILY	243	10 601	Const. of 132 KV S/S Dohra (220KV S/S) B	REC-4714744	1-8-2020	5,89,89,036.22	51,09,013.26	9%	6,42,98,049.50	85.020 70	6,41,81,077.20
001	123	ETD-II BAREILY	244	10 906	T&P (Computer, CPU Dell, Maho LED Mon)	IB	1-11-2020	46,970.00	5,166.70	11%	52,136.70		52,136.70
001	123	ETD-II BAREILY	245	10 541	Const. of 1 No 220 KV Bay (Bareilly Pibhina Line) for 220 KV S/S Pibhina	IB	1-11-2020	4,01,144.68	4,10,162.00	9%	4,37,247.70		4,37,247.70
001	123	ETD-II BAREILY	246	10 541	Additional Work of 1x10 MVAR Capacitor Bank at 132 KV S/S Pibhina	IB	1-11-2020	26,163.60	7,754.72	9%	33,918.32		33,918.32
001	123	ETD-II BAREILY	247	10 541	Const. of 132 KV MVAR Capacitor Bank at 132 KV S/S Newabang	IB	1-11-2020	92,576.98	4,131.92	9%	1,00,708.87		1,00,708.87
001	123	ETD-II BAREILY	248	10 541	Const. of 132 KV S/S Bhabhur (Land) (Land)	IB	1-11-2020	48,171,515.40		9%	88,21,515.40		88,21,515.40
001	123	ETD-II BAREILY	249	10 541	Const. of 132/132 KV S/S Newabang, Bareilly	DA 710061	9-11-2017			11% 9%		1,81,271.45	1,81,271.45
001	123	ETD-II BAREILY	250	10 601	Const. of 132 KV S/S Pibhina Line at 132 KV S/S Pibhina	DA 710061	5-30-2017			11% 9%		21,789.63	21,789.63
001	114	ETD-II LUCKNOW	251	10 541	132 KV Bay and work of Nandura Bhabhur	REC	2-28-2019	8,10,754.13	72,467.87	9%	8,83,222.00		8,83,222.00
001	114	ETD-II LUCKNOW	252	10 541	132 KV S/S Bay at 132 KV S/S Sub Station Nandura	Deposited	8-31-2019	4,05,307.81	60,796.17	15%	4,66,104.00		4,66,104.00
001	114	ETD-II LUCKNOW	253	10 541	10 MVAR Cap Bank at 132 KV S/S Madhaga	REC	2-28-2019	26,25,511.03	2,36,115.99	9%	28,59,627.00		28,59,627.00
001	114	ETD-II LUCKNOW	254	10 541	132 KV S/S Madhaga Bhabhur	REC	10-20-2016	1,57,204.94	14,148.41	9%	1,71,353.00		1,71,353.00
001	114	ETD-II LUCKNOW	255	10 541	132 KV S/S Bhabhur	REC	3-31-2018	10,18,681.79	10,681.54	9%	11,10,363.31		11,10,363.31
001	114	ETD-II LUCKNOW	256	10 541	220 KV Sub Station Bhabhur	REC	2-14-2018	1,41,693.00	10,675.37	9%	1,52,368.37		1,52,368.37
001	114	ETD-II LUCKNOW	257	10 541	ABT Meter	Deposited	1-8-2020	1,64,547.81	54,682.17	15%	4,19,230.00		4,19,230.00
001	114	ETD-II LUCKNOW	258	10 544	Capacitor Bank of PSD	PSD	6-27-2018	97,74,702.58	8,07,721.23	9%	97,82,423.81		97,82,423.81
001	114	ETD-II LUCKNOW	259	10 601	220 KV Sub Sta of Line	REC	4-14-2018	41,75,919.52	1,75,61,275.80	9%	45,49,52,290.27	5.16 000 524.45	50,65,64,754.72
001	114	ETD-II LUCKNOW	260	10 601	132 KV Nandura - Kuria Road Line	REC	8-9-2016	77,64,947.25	6,98,815.73	9%	84,63,763.00	4.31 796.60	89,97,207.60
001	114	ETD-II LUCKNOW	261	10 601	132 KV Jagdishpur - Madhaga Line	REC	10-20-2016	15,40,617.61	1,38,617.89	9%	16,79,235.00		16,79,235.00
001	114	ETD-II LUCKNOW	262	10 601	132 KV Budhni - RS Ghur	REC	4-19-2018	84,81,957.00	7,64,121.55	9%	92,46,078.55		92,46,078.55
001	114	ETD-II LUCKNOW	263	10 601	132 KV Barabanki - Madhaga	REC 88103096	4-11-2018	11,29,41,701.81	1,06,64,913.16	9%	12,36,066.99	55.27 129.49	12,86,196,014.48
001	114	ETD-II LUCKNOW	264	10 601	132 KV RS Ghur - Budhni	REC 88103099	6-29-2017	1,21,17,464.78	10,90,500.83	9%	1,32,08,145.61	25.15 763.11	1,57,23,909.32
001	114	ETD-II LUCKNOW	265	10 601	132 KV Bay Bank at Madhaga	REC	1-17-2019	2,25,329.00	18,549.61	9%	4,66,078.61		4,66,078.61
001	114	ETD-II LUCKNOW	266	10 601	132 KV Jagdishpur - Line Chomra	Deposited	10-20-2016	8,89,451.64	1,32,067.96	15%	10,12,521.00		10,12,521.00
001	114	ETD-II LUCKNOW	267	10 601	132 KV Chhabra - Bhabhur	REC	3-31-2018	2,72,725.60	24,543.18	9%	2,97,278.00		2,97,278.00
001	114	ETD-II LUCKNOW	268	10 601	132 KV TSS Budhni of Line (perennial)	Deposited	4-19-2018	6,46,010.74	98,303.00	15%	7,54,40,333.00		7,54,40,333.00
001	114	ETD-II LUCKNOW	269	10 601	132 KV Budhni of Line (perennial)	Deposited	4-19-2018	1,46,671.95	1,46,671.95	15%	1,74,484.95		1,74,484.95
001	114	ETD-II LUCKNOW	270	10 601	132 KV Nandura - Kuria Road - Hgt Raising	Deposited	6-15-2018	91,26,185.03	1,04,957.75	15%	1,07,25,347.78		1,07,25,347.78
001	114	ETD-II LUCKNOW	271	10 601	132 KV Nandura - Kuria Road - Hgt Raising	Deposited	6-15-2018	2,48,60,499.14	17,29,081.17	15%	2,85,89,480.31		2,85,89,480.31
001	114	ETD-II LUCKNOW	272	10 601	132 KV S/S Bay at Nandura S/S	Deposited	1-8-2020	7,94,654.35	1,19,198.15	15%	9,13,852.50		9,13,852.50
001	114	ETD-II LUCKNOW	273	10 601	Hght Raising of 132 KV Chhabra - Bhabhur Line	Deposited	1-8-2020	27,12,766.08	4,06,914.93	15%	31,19,680.90		31,19,680.90

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प्रमोद सिंह
उप निरीक्षक (नियोजन एवं वाणिज्य)
उत्तर प्रदेश विद्युत निगम लि.

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)

Sl. No.	Location Code	Name of Unit	Sl. No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme/ Agreement No.	Commercial Date of Operation	Base Cost	Leasing	Check Loading Rate	Asset Capitalised During the year	IDC Capitalised	Total
300	118	ETD-BLUCENOW	274	10 543	Increasing Capacity of 132 KV S/S Baraban	REC 04710371	4.18.2018	-	-	13KV IP	-	47,977.73	47,977.73
300	314	ETD-BLUCENOW	275	10 541	Install of 2x40MVAR capacitor Banks at 2	PEC 08101069	4.14.2018	-	-	13KV IP	-	34,57,056.95	34,57,056.95
300	301	Z.A.O.(T.C.) LUCENOW	276	10 906	HP Printer	IR	2.15.2020	45,301.00	4,53,01.00	10%	45,30.00	-	49,830.00
300	312	ETD-BLUCENOW	277	10 599	Common Motor Reading Instrument (Analog)	IR	9.22.2018	54,840.00	5,48,40.00	10%	54,835.00	-	59,315.00
300	322	ETD-BLUCENOW	278	10 599	Digital Multimeter	IR	9.22.2018	6,790.00	6,79.00	10%	6,670.00	-	9,670.00
300	312	ETD-BLUCENOW	279	10 599	Digital Multimeter	IR	9.22.2018	2,000.00	2,00.00	10%	2,000.00	-	2,200.00
300	312	ETD-BLUCENOW	280	10 599	Tropometer	IR	10.21.2019	4,000.00	4,00.00	10%	4,000.00	-	4,400.00
300	332	ETD-BLUCENOW	281	10 599	Analogous MTR Commutation cable Cord	IR	10.21.2019	2,450.00	2,45.00	10%	2,450.00	-	2,695.00
300	322	ETD-BLUCENOW	282	10 101	132 KV S/S land cost transferred back to A	REC 4714741	1.11.2020	5,39,67,043.82	-	0%	5,39,67,043.82	-	5,39,67,043.82
300	322	ETD-BLUCENOW	283	10 207	Construction of 01 No. Open Store at 220 KV	Civil Work	1.11.2020	13,61,706.13	1,36,17,06.13	0%	14,65,138.00	-	14,65,138.00
300	322	ETD-BLUCENOW	284	10 207	Constn. of 2 Nos. Store Room on End Floor	Civil Work	1.11.2020	6,71,113.68	6,71,113.68	0%	7,13,695.00	-	7,13,695.00
300	322	ETD-BLUCENOW	285	10 222	Constn. of 4 No. Type-IV Quarter Ramp at	Civil Work	1.11.2020	1,11,70,477.00	1,11,70,477.00	0%	1,21,75,711.00	-	1,21,75,711.00
300	322	ETD-BLUCENOW	286	10 222	Constn. of old 10 MVAR capacitor bank at	Civil Work	1.11.2020	56,07,601.67	5,60,76,01.67	0%	61,12,288.00	-	61,12,288.00
300	322	ETD-BLUCENOW	287	10 541	Constn. of new 2x10 MVAR capacitor bank at	Civil Work	1.11.2020	41,86,451.58	4,18,64,51.58	0%	45,62,951.00	-	45,62,951.00
300	322	ETD-BLUCENOW	288	10 541	Constn. of 33 KV Thyra Mikawati than Bay	Civil Work	1.11.2020	22,00,146.48	2,20,01,46.48	0%	24,70,099.66	-	24,70,099.66
300	322	ETD-BLUCENOW	289	10 541	Constn. of 33 KV Thyra Mikawati than Bay	Deposit	4.1.2017	74,849.00	14,227.14	15%	86,076.35	-	86,076.35
300	322	ETD-BLUCENOW	290	10 541	Constn. of 5 Nos. 33 KV Bay at 132 KV S/S	Deposit	1.11.2020	6,51,11,087.96	9,79,66,104.15	15%	75,10,751.00	-	75,10,751.00
300	322	ETD-BLUCENOW	291	10 541	UPC of 220 KV S/S C.B. Gang (160 MVA to 20	REC No 88101181	10.12.2019	1,12,48,724.77	1,12,48,724.77	0%	12,32,03,306.61	-	12,32,03,306.61
300	322	ETD-BLUCENOW	292	10 541	UPC of 220 KV S/S C.B. Gang (160 MVA to 20	REC No 88101181	10.12.2019	29,67,028.44	2,96,70,28.44	0%	32,14,061.00	-	32,14,061.00
300	322	ETD-BLUCENOW	293	10 541	UPC of 1 No. 63 MVA T/F (new) at 132 KV S/S	REC 047 2018 13541	12.4.2019	2,79,76,274.99	2,79,76,274.99	0%	3,04,94,140.99	-	3,04,94,140.99
300	322	ETD-BLUCENOW	294	10 541	UPC of 1 No. 63 MVA T/F (new) at 132 KV S/S	REC 047 2018 13541	12.4.2019	55,03,034.11	5,50,30,34.11	0%	59,98,129.00	-	59,98,129.00
300	322	ETD-BLUCENOW	295	10 541	Constn. of 10 MVAR capacitor bank at 132	UPD-TRM 047 2019-15628	4.5.2019	36,78,002.99	3,67,80,02.99	0%	40,23,158.28	-	40,23,158.28
300	322	ETD-BLUCENOW	296	10 541	Constn. of 10 MVAR capacitor bank at 132	Civil Work	4.5.2019	22,66,145.47	2,26,66,145.47	0%	24,70,099.00	-	24,70,099.00
300	322	ETD-BLUCENOW	297	10 541	Constn. of new 2x5 MVAR capacitor Bank at 132 KV S/S Landpur	REC 4714741	1.11.2020	22,66,145.47	2,26,66,145.47	0%	24,70,099.00	-	24,70,099.00
300	322	ETD-BLUCENOW	298	10 541	Constn. of 132 KV S/S Landpur	REC 4714741	1.11.2020	5,97,562.00	5,97,562.00	0%	6,51,134.58	-	6,51,134.58
300	322	ETD-BLUCENOW	299	10 601	Constn. of 220KV Dohra C.B. Gang Line	REC 4714741	1.11.2020	1,12,48,724.77	1,12,48,724.77	0%	12,32,03,306.61	-	12,32,03,306.61
300	311	ETD-BLUCENOW	300	10 207	B/W & SECURITY GUARD ROOM	REC 4714741	1.11.2020	6,01,471.46	6,01,471.46	0%	6,51,134.58	-	6,51,134.58
300	311	ETD-BLUCENOW	301	10 401	ROADS AS PER CIVIL STD	REC 4714741	1.11.2020	1,12,48,724.77	1,12,48,724.77	0%	12,32,03,306.61	-	12,32,03,306.61
300	311	ETD-BLUCENOW	302	10 401	APPROACH ROAD THROUGH FIVE	REC 4714741	1.11.2020	24,12,930.28	2,41,29,30.28	0%	26,51,894.00	-	26,51,894.00
300	311	ETD-BLUCENOW	303	10 522	RIGHTING THROUGH SHY SHAFT ENTERPRISES	REC 4714741	1.11.2020	17,73,678.72	1,77,36,78.72	0%	19,32,778.00	-	19,32,778.00
300	311	ETD-BLUCENOW	304	10 541	220 KV T/F BAY AT CHINPAT INCLUDING U	REC 047 - 2015 - 10199	8.10.2019	2,16,444.47	2,16,444.47	0%	2,35,943.00	-	2,35,943.00
300	311	ETD-BLUCENOW	305	10 541	220 KV T/F BAY AT CHINPAT INCLUDING U	REC 047 - 2015 - 10199	8.10.2019	4,71,70,584.48	4,71,70,584.48	0%	5,13,52,601.00	-	5,13,52,601.00
300	311	ETD-BLUCENOW	306	10 541	63 MVA T/F IMP MAKE AT 220 KV S/S CHN	REC 047 - 2015 - 10134	8.10.2019	2,91,75,150.46	2,91,75,150.46	0%	3,20,19,132.00	-	3,20,19,132.00
300	311	ETD-BLUCENOW	307	10 541	CONST. OF NEW 1220/132 BAY FOR T/F A	REC 047 - 2015 - 10134	8.6.2019	8,01,633.14	8,01,633.14	0%	8,70,668.00	-	8,70,668.00
300	311	ETD-BLUCENOW	308	10 541	INSTALLATION OF 160 mva 220/132 KV T/F	REC 047 - 2015 - 10134	1.11.2020	1,71,11,729.82	1,71,11,729.82	0%	1,89,14,966.00	-	1,89,14,966.00
300	311	ETD-BLUCENOW	309	10 541	1 No 220 MVA T/F	REC 047 - 2015 - 10134	1.11.2020	1,64,412.62	1,64,412.62	0%	1,76,064.00	-	1,76,064.00
300	311	ETD-BLUCENOW	310	10 541	2 No 200 MVA T/F WORTHROUGH CIVIL	REC 4710294	4.26.2019	73,70,134.66	7,37,01,34.66	0%	81,42,447.00	-	81,42,447.00
300	311	ETD-BLUCENOW	311	10 541	40 MVA T/F - 33 KV S/S K. NAGAR	REC 4710294	4.26.2019	1,12,48,724.77	1,12,48,724.77	0%	1,23,89,742.00	-	1,23,89,742.00
300	311	ETD-BLUCENOW	312	10 541	CAPITALIZATION OF 40 MVA T/F (THROUGH PRETENT ENTERPRISES COD-15.11	REC 4710294	1.11.2020	1,12,48,724.77	1,12,48,724.77	0%	1,23,89,742.00	-	1,23,89,742.00
300	311	ETD-BLUCENOW	313	10 541	63 MVA T/F AT 132 KV S/S K. NAGAR (OR	REC 4710294	1.11.2020	2,28,01,350.28	2,28,01,350.28	0%	2,48,53,799.00	-	2,48,53,799.00
300	311	ETD-BLUCENOW	314	10 541	ADD ON CAPACITOR BANK AT 220 KV G. K	REC 4710294	4.22.2019	5,27,511.01	5,27,511.01	0%	5,74,967.00	-	5,74,967.00
300	311	ETD-BLUCENOW	315	10 541	CONSTRUCTION OF 1x10MVAR capacitor	REC 4710294	4.22.2019	63,75,168.81	6,37,51,68.81	0%	69,48,934.00	-	69,48,934.00
300	311	ETD-BLUCENOW	316	10 541	CONSTRUCTIONS of New Bay 1220/132 KV B	REC 047 - 2015 - 10134	12.28.2019	2,28,01,350.28	2,28,01,350.28	0%	2,48,53,799.00	-	2,48,53,799.00
300	311	ETD-BLUCENOW	317	10 541	UPGRADATION OF 132 KV BUS BAR (TARA	REC 047 - 2015 - 10134	12.28.2019	14,86,46,789.00	1,48,64,67,89.00	0%	16,35,141.00	-	16,35,141.00
300	311	ETD-BLUCENOW	318	10 541	UPGRADATION OF 132 KV BUS BAR (NE U	REC 047 - 2015 - 10134	12.28.2019	9,98,971.56	9,98,971.56	0%	10,68,879.00	-	10,68,879.00
300	311	ETD-BLUCENOW	319	10 541	FIRE HYDRANT SYSTEM AT 220 KV CHITILU	REC 047 - 2015 - 10134	8.1.2019	11,86,236.70	1,18,62,36.70	0%	12,77,998.00	-	12,77,998.00
300	311	ETD-BLUCENOW	320	10 541	STRENGTHENING OF 220 KV MAIN BUS AT 220	REC 047 - 2015 - 10134	1.11.2020	54,24,286.24	5,42,42,86.24	0%	59,12,472.00	-	59,12,472.00
300	311	ETD-BLUCENOW	321	10 541	CONSTRUCTION OF 220 & 33 KV T/F BAYS	REC	10.6.2018	59,54,117.61	5,95,41,17.61	0%	64,90,278.00	-	64,90,278.00
300	311	ETD-BLUCENOW	322	10 541	SUPPLY & INSTALLATION OF HYDRAULIC	Supply REC	10.26.2019	12,11,018.15	1,21,11,01.81	0%	13,61,610.00	-	13,61,610.00
300	311	ETD-BLUCENOW	323	10 541	INSTALLATION OF 01 NO. 215 MVAR CAPA	Supply REC	7.11.2019	41,41,071.56	4,14,10,71.56	0%	47,31,768.00	-	47,31,768.00
300	311	ETD-BLUCENOW	324	10 541	OTHERS TRANSMISSION PLANT INCLUDING CABLE ETC	Supply REC	7.11.2019	1,12,48,724.77	1,12,48,724.77	0%	1,23,89,742.00	-	1,23,89,742.00
300	311	ETD-BLUCENOW	325	10 541	INSTALLATION OF 215 MVAR CAPACITOR BA	REC 047 2019 14744	9.5.2019	36,78,002.99	3,67,80,02.99	0%	40,23,158.28	-	40,23,158.28
300	311	ETD-BLUCENOW	326	10 541	CAPITALIZATION OF REPLACEMENT OFTR	REC 047 2019 14744	9.5.2019	1,12,48,724.77	1,12,48,724.77	0%	1,23,89,742.00	-	1,23,89,742.00
300	311	ETD-BLUCENOW	327	10 541	132 KV INSTANT PROTECTION PANEL GE	REC 047 2019 14744	9.5.2019	1,12,48,724.77	1,12,48,724.77	0%	1,23,89,742.00	-	1,23,89,742.00
300	311	ETD-BLUCENOW	328	10 541	REPLACEMENT OF OLD 33 KV CONTROL AN	REC 047 2019 14744	12.1.2019	1,12,48,724.77	1,12,48,724.77	0%	1,23,89,742.00	-	1,23,89,742.00
300	311	ETD-BLUCENOW	329	10 541	REPLACEMENT OF OLD 132 KV CONTR	REC 047 2019 14744	12.1.2019	9,95,424.04	9,95,424.04	0%	10,65,141.00	-	10,65,141.00
300	311	ETD-BLUCENOW	330	10 541	33 KV MSIN BUS SECTION 3 & 4 (10E.T	REC 047 2019 14744	12.20.2019	1,12,48,724.77	1,12,48,724.77	0%	1,23,89,742.00	-	1,23,89,742.00
300	311	ETD-BLUCENOW	331	10 541	UPGRADATION/STRENGTHENING OF	REC 047 2019 14744	1.11.2020	4,44,022.94	4,44,022.94	0%	4,81,985.00	-	4,81,985.00
300	311	ETD-BLUCENOW	332	10 541	REPLACEMENT OF C.B. PANEL OF 132/	REC 047 2019 14744	2.11.2020	4,44,022.94	4,44,022.94	0%	4,81,985.00	-	4,81,985.00
300	311	ETD-BLUCENOW	333	10 541	33 KV BUS BAY / NEW FEEDBACK 132/	REC 047 2019 14744	8.11.2019	7,61,701.74	7,61,701.74	0%	8,36,957.00	-	8,36,957.00

(Signature)

(Signature)
अभिषेक सिंह
सहाय निदेशक (निर्माण एवं वाणिज्य)
उपप्रबंधक

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)													
Zone	Location code	Name of Unit	Sl. No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme/ Agreement No.	Commercial Date of Operation	Base Cost	Loading	Check Loading Rate	Avail Capitalised During the year	IDC Capitalised	Total
300	313	E.T.D. BILKUNOW	335	10 541	33 KV VIBHUTI KHAND BAY (NEW FEED	Deposit	7 20 2019	10 22 835 00	1 53 36 51 00	15%	11 75 799 00		11 75 799 00
300	313	E.T.D. BILKUNOW	336	10 541	220 KV LARG BAY AT 220 KV S/S CHT	Deposit	11 25 2018	10 61 891 00	1 39 270 00	15%	12 21 070 00		12 21 070 00
300	313	E.T.D. BILKUNOW	337	10 541	CONSTRUCTION OF NEW 3 NO SMD PIT	DEPOSIT	12 17 2019	4 08 846 52	62 524 48	15%	4 79 362 00		4 79 362 00
300	313	E.T.D. BILKUNOW	338	10 541	CONSTRN OF 33 KV FEEDER BAY AND CC	AVVNB DEPOSIT	12 11 2018	21 42 248 70	3 51 517 30	15%	26 93 546 00		26 93 546 00
300	313	E.T.D. BILKUNOW	339	10 561	SWITCHGEAR INCL. ISOLATOR CB & CT PT		1 11 2019	1 37 24 726 61	30 15 224 30	15%	1 67 59 952 00		1 67 59 952 00
300	313	E.T.D. BILKUNOW	340	10 561	BATTERY & BATTERY CHARGER AT 220	IDA DEPOSIT	1 11 2018	61 001 00	9 450 111	15%	72 450 00		72 450 00
300	313	E.T.D. BILKUNOW	341	10 601	LLO OF SAROWH MAGRA -CHIRHAT TR	MO/OLM	12 16 2019	14 47 700 42	1 19 291 08	15%	16 66 994 00		16 66 994 00
300	313	E.T.D. BILKUNOW	342	10 601	REPLACEMENT OF DAMAGED CONDUCT	O&M	10 21 2019	2 65 185 12	21 884 68	15%	3 89 370 00		3 89 370 00
300	313	E.T.D. BILKUNOW	343	10 601	RE STORAGE OF 132 KV HARDI ROAD	REC 10176	10 13 2016	1 42 11 942	10 781 36	15%	1 72 817 00		1 72 817 00
300	313	E.T.D. BILKUNOW	344	10 601	WORK OF HEIGHT RISING OF CHIMNEY	REC 047 2018-13436	1 11 2019	89 106 16 70	1 72 267 30	15%	20 92 404 00		20 92 404 00
300	313	E.T.D. BILKUNOW	345	10 601	CAPITALISATION OF REPLACEMENT OF	MR/PSD	5 29 2019	97 57 714 18	8 78 197 62	15%	1 06 15 949 00		1 06 15 949 00
300	313	E.T.D. BILKUNOW	346	10 601	DIVERSION PF 220 KV DC CHT-KURSI R	NHAI DEPOSIT	10 18 2019	14 570 181	1 547 10	15%	19 127 00		19 127 00
300	313	E.T.D. BILKUNOW	347	10 601	Shutdown Charges for DIVERSION PF 2	NHAI	08 18 2019	2 26 56 001 00	22 65 001 00	15%	2 49 21 600 00		2 49 21 600 00
300	313	E.T.D. BILKUNOW	348	10 601	Construction of 220 KV S/S Kund Road	REC 04710719	1 19 2019	-	-	15% 0%		11 17 445 73	11 17 445 73
300	313	E.T.D. BILKUNOW	349	10 601	Replacement of ACSR Panther Conductor	REC 04710405	12 15 2016	-	-	15% 0%		1 96 130 42	1 96 130 42
300	313	E.T.D. BILKUNOW	350	10 601	Replacement of ACSR Panther Conductor	REC 4710671	10 21 2016	-	-	15% 0%		9 045 85	9 045 85
300	313	E.T.D. BILKUNOW	351	10 541	Constn of 132/33 KV S/S Indira Nagar I	REC 88103070	8 7 2016	-	-	15% 0%		1 18 944 67	1 18 944 67
300	313	E.T.D. BILKUNOW	352	10 541	Installation of 225 MVAR Capacitor Bank	REC 88103070	8 7 2016	-	-	15% 0%		2 465 61	2 465 61
300	313	E.T.D. BILKUNOW	353	10 601	Construction of LLO of 132 KV DC CHT	REC 88103070	12 2 2018	-	-	15% 0%		3 39 710 09	3 39 710 09
300	313	E.T.D. BILKUNOW	354	10 601	Stringing of conductors as 2nd circuit at	REC 88103070	8 7 2016	-	-	15% 0%		12 86 692 53	12 86 692 53
300	309	ETD RAEBARELI	355	10 101	Land for 400 KV S/S Saran			-2 10 22 022 00	-4 19	0%	-2 10 22 022 00		-2 10 22 022 00
300	309	ETD RAEBARELI	356	10 102	Land for 400 KV S/S Saran				-4 00	0%	-4 00		-4 00
300	309	ETD RAEBARELI	357	10 541	Increasing capacity of 132/33 KV Amawan	04710675	11 14 2017	-	-	15% 0%		1 89 130 60	1 89 130 60
300	309	ETD RAEBARELI	358	10 541	Constn of 132 KV S/S at Salom	04710084	1 11 2017	-	-	15% 0%		19 65 473 11	19 65 473 11
300	309	ETD RAEBARELI	359	10 601	132 kV s/c line on D/C Try from Amawan I	08103084	3 11 2017	-	-	15% 0%		19 59 306 92	19 59 306 92
300	309	ETD RAEBARELI	360	10 601	132 KV Salom Feeder Bay at 220 KV S/S Am	08103084	3 11 2017	-	-	15% 0%		1 06 366 78	1 06 366 78
300	309	ETD RAEBARELI	361	10 601	132 KV Bay at 132 KV S/S Saran-01 No	08101501	9 10 2017	-	-	15% 0%		1 53 113 53	1 53 113 53
300	309	ETD RAEBARELI	362	10 541	225 MVAR capacitor bank at Dahmau at 132	REC 4714744	9 21 2019	26 94 262 00	2 19 115 48	15%	28 98 595 58	4 811 47	29 03 407 05
300	309	ETD RAEBARELI	363	10 541	225 MVAR capacitor bank at Saran at 132	REC 4714744	9 22 2019	22 95 181 42	2 08 944 48	15%	25 01 970 00	4 861 61	25 06 831 61
300	309	ETD RAEBARELI	364	10 909	T&P (KALYAN ASSOCIATES) Lender at 132	O&M	10 10 2019	14 54 600 10	1 15 464 00	15%	14 90 104 00		14 90 104 00
300	309	ETD RAEBARELI	365	10 906	OFFICE COMPUTER NO. 3, Jt. ETD Raebare	04710675	1 10 2020	2 13 726 00	21 172 10	10%	2 35 097 00		2 35 097 00
300	309	ETD RAEBARELI	366	10 711	Construction of Office Building At Tripura I	Chd	4 30 2019	14 64 030 46	1 40 764 54	15%	17 04 815 00		17 04 815 00
300	309	ETD RAEBARELI	367	10 722	Construction Of Residence Building At An	Chd	9 24 2018	40 61 139 01	8 15 687 00	15%	98 78 877 00		98 78 877 00
300	309	ETD RAEBARELI	368	10 541	10 MVAR TRANSFORMER BAY SALON AT 132	O&M	11 10 2019	20 62 944 78	6 15 664 22	15%	26 98 600 00		26 98 600 00
300	309	ETD RAEBARELI	369	10 541	220 MVAR CAPACITOR BANK AT BACH	REC 4714744	9 16 2019	86 11 021 10	8 65 171 91	15%	1 04 78 191 00	9 476 18	1 04 87 619 18
300	309	ETD RAEBARELI	370	10 541	132 KV INTERCONNECTED BAY AT AMAWAN	REC 88103101	4 9 2018	92 51 807 43	2 89 562 66	15%	15 11 770 00		15 11 770 00
300	309	ETD RAEBARELI	371	10 541	Construction Of 1 No Of CT At Tripura C&B	Chd	1 19 2019	84 139 27	7 678 11	15%	10 14 602 00		10 14 602 00
300	309	ETD RAEBARELI	372	10 601	220 Bakhawan Saran nagar Ldo Line&B	REC 88103101	5 28 2018	9 59 618 89	86 277 30	15%	10 44 516 79		10 44 516 79
300	309	ETD RAEBARELI	373	10 601	220 Bakhawan Saran nagar Ldo Line&B	REC 88103101	5 28 2018	8 512 101	76 788	15%	9 299 88		10 44 516 79
300	309	ETD RAEBARELI	374	10 601	132 KV Bakhawan Saran D. Line At bac	REC 478472	6 26 2018	16 96 024 101	1 52 642 24	15%	18 48 667 25		18 48 667 25
300	309	ETD RAEBARELI	375	10 601	Construction Of 132 KV Amawan Salom DC	REC 88103101	4 11 2017	10 91 517 00	98 256 08	15%	11 89 748 08		11 89 748 08
300	309	ETD RAEBARELI	376	10 601	132 KV Bakhawan Marchandpur TSS Line	Deposit	12 28 2018	9 13 016 100	1 40 087 40	15%	10 74 003 40		10 74 003 40
300	309	ETD RAEBARELI	377	10 541	132 KV Bakhawan Marchandpur TSS Bay	Deposit	12 28 2018	56 430 101	1 46 40	15%	41 894 50		41 894 50
300	309	ETD RAEBARELI	378	10 541	Construction Of 220 KV S/S At Bachawan	REC 88103101	5 26 2018	15 01 82 091 56	1 02 56 388 42	15%	16 64 38 481 98	1 45 11 011 42	16 09 49 493 40
300	351	E.T.D. BILKUNOW	380	10 906	Overtop HPB 220GANT5 Wht. 10 Model No.	MR	2 25 2020	60 840 00	5 189 101	10%	55 975 00		55 975 00
300	351	E.T.D. BILKUNOW	381	10 906	Printer HP Laser Jet 11 Mono Serial No. C4	MR	2 25 2020	15 010 00	1 510 101	10%	16 610 00		16 610 00
300	351	E.T.D. BILKUNOW	382	10 906	UPS Lumonics LB1000PRO Serial No.	MR	2 25 2020	52 540 00	524 101	10%	5 775 00		5 775 00
300	304	E.T.D. SURTANPUR	383	10 543	107 MVAR CAPSITOR BANK AT 132 KV S/S	MR	25 04 2019	30 75 881 72	7 26 821 77	15%	88 02 655 49		88 02 655 49
300	304	E.T.D. SURTANPUR	384	10 543	107 MVAR CAPSITOR BANK AT 132 KV S/S	MR	4 8 2019	1 21 62 716 44	10 94 608 48	15%	1 32 56 924 92	7 880 838	1 32 64 795 55
300	304	E.T.D. SURTANPUR	385	10 543	107 MVAR CAPSITOR BANK AT 132 KV S/S	MR	25 04 2019	31 76 572 08	1 75 891 40	15%	45 52 461 55		45 52 461 55
300	304	E.T.D. SURTANPUR	386	10 543	107 MVAR CAPSITOR BANK AT 132 KV S/S	MR	4 8 2019	16 01 155 08	1 22 01 155 08	15%	41 53 069 04		41 53 069 04
300	304	E.T.D. SURTANPUR	387	10 543	132 kv s/s lamhuan	REC 88101205	24 10 2019	10 51 17 180 58	94 01 546 24	15%	11 45 77 776 84		11 45 77 776 84
300	304	E.T.D. SURTANPUR	388	10 543	132 kv s/s Muthaphakhana (cml. ngrh) at	REC 88101205	1 22 2018	4 91 88 190 22	4 32 97 91 91	15%	5 24 16 112 10		5 24 16 112 10
300	304	E.T.D. SURTANPUR	389	10 581	T&P MATERIAL MAGAR at 132 kv s/s gaur	MR	9 1 2019	41 120 101	4 012 000	10%	44 132 00		44 132 00
300	304	E.T.D. SURTANPUR	390	10 601	180 400 KV SURTANPUR -AZAMGARH DC	REC 478840	6 2 2019	1 21 01 06 002 46	6 65 08 364 62	15%	1 27 06 78 197 08	7 7192 102 66	1 27 78 56 499 74
300	304	E.T.D. SURTANPUR	391	10 601	220 KV SLN SANGPUR LINE	REC 88101205	25 04 2019	1 85 29 801 40	14 67 691 11	15%	4 19 92 582 52	17 71 040 43	4 17 18 632 95
300	304	E.T.D. SURTANPUR	392	10 601	132 KV SLN RADIPUR LEO LINE	REC 88101205	9 4 2019	4 08 18 651 50	53 94 406 64	15%	4 53 33 348 21		4 53 33 348 21
300	304	E.T.D. SURTANPUR	393	10 601	220 kv smeth to muthaphakhana line	REC 88101205	9 4 2019	17 46 79 013 67	1 57 21 091 35	15%	19 04 01 095 22	61 52 184 70	19 67 53 279 92
300	304	E.T.D. SURTANPUR	394	10 601	132 KV GAURGANI AMETH LINE	REC 88101205	29 05 2018	4 17 876 66	41 209 08	15%	4 99 087 74		4 99 087 74
300	304	E.T.D. SURTANPUR	395	10 601	220 KV SLN TANDA BNEW TANDA DIVERS	Deposit	17 01 2019	1 31 61 054 78	49 74 458 22	15%	1 81 17 511 00		1 81 17 511 00
300	304	E.T.D. SURTANPUR	396	10 601	132 KV RADIPUR GOSAMPUR DIVERSION	Deposit	12 1 2018	1 14 40 123 22	20 10 118 78	15%	1 54 56 144 00		1 54 56 144 00

Amulya

अनिल सिंह
अनिल अनियन्ता
सत्यद निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख, उद्घाटन कालि

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)

Sl. No.	Location	Name of Unit	SL No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme/ Agreement No.	Commercial Date of Operation	Base Cost	Loading	Check Loading Ratio	Avail Capitalised During the year	IOC Capitalised	Total
300	304	E.T.D. SULTANPUR	397	10 501	220 KV S/N TANDA & NEW TANDA THERM	Deposited	1.21.2019	1,20,84,102.61	48,12,615.90	85%	3,68,96,718.00		3,68,96,718.00
300	304	E.T.D. SULTANPUR	398	10 501	132 KV SULTANPUR JAGDSHPUR DIVERS	Deposited	1.9.2019	2,02,89,435.59	80,41,419.54	85%	2,31,32,850.91		2,31,32,850.91
300	304	E.T.D. SULTANPUR	399	10 501	132 KV GAURINGAM TTD UNIT	Deposited	5.21.2019	8,01,10,019.64	1,20,01,505.54	85%	9,20,11,540.98		9,20,11,540.98
300	304	E.T.D. SULTANPUR	400	10 501	HEIGHT RAISING OF 132 KV SULTANPUR &	Deposited	9.12.2018	87,75,560.00	13,16,133.00	85%	1,00,91,694.00		1,00,91,694.00
300	304	E.T.D. SULTANPUR	401	10 501	132 KV SULTANPUR TANDA 220 NEW TAN	Deposited	16.01.2018	1,19,00,000.22	17,86,615.78	85%	1,36,86,616.00		1,36,86,616.00
300	304	E.T.D. SULTANPUR	402	10 501	132 KV MOHANA SHUKL BAZAR BAY	Deposited	7.5.2018	1,80,104.55	28,515.65	85%	2,08,620.20		2,08,620.20
300	304	E.T.D. SULTANPUR	403	10 8	T&P MATERIAL 2 TABLE & 8 CHAIR @ SITE	IR	2.1.2020	1,01,524.00	10,152.40	10%	1,11,676.40		1,11,676.40
300	304	E.T.D. SULTANPUR	404	10 8	T&P MATERIAL 2 OFFICE TABLE & 1 @ 132	IR	2.1.2020	2,95,508.54	29,550.85	10%	3,25,059.41		3,25,059.41
300	304	E.T.D. SULTANPUR	405	10 8	T&P MATERIAL 1 NM TABLE & 4 NM CHAIR	IR	2.1.2020	1,73,642.56	17,364.26	10%	1,91,006.82		1,91,006.82
300	304	E.T.D. SULTANPUR	406	10 8	T&P MATERIAL 1 NM TABLE & 4 NM CHAIR	IR	2.1.2020	44,872.00	4,487.20	10%	49,359.20		49,359.20
300	304	E.T.D. SULTANPUR	407	10 8	T&P MATERIAL 1 NM TABLE & 4 NM CHAIR	IR	2.1.2020	44,832.00	4,483.20	10%	49,315.20		49,315.20
300	304	E.T.D. SULTANPUR	408	10 8	T&P MATERIAL @ 132 KV S/S JAGDSHPUR	IR	2.1.2020	89,824.00	8,982.40	10%	98,806.40		98,806.40
300	304	E.T.D. SULTANPUR	409	10 543	Construction of 220/132 S/S at Amethi	REC 8810109	11.12.2018	-	-	<100%	-	22,17,962.47	22,17,962.47
300	304	E.T.D. SULTANPUR	410	10 543	02 No 132 KV Bay at JagdsHPur	REC 8810109	8.12.2019	-	-	<100%	-	8,62,561.95	8,62,561.95
300	304	E.T.D. SULTANPUR	411	10 543	132 KV D/C Amethi / 208 - JagdsHPur line	REC 8810109	8.12.2019	-	-	<100%	-	41,01,261.07	41,01,261.07
300	355	ETD UNNAO	412	10 213	Construction of control room building at 22	REC 8810119	6.1.2019	1,16,41,992.00	12,46,679.34	95%	1,50,98,672.00		1,50,98,672.00
300	355	ETD UNNAO	413	10 213	Construction of residence and store at 132	REC 8810119	6.1.2019	67,61,050.46	6,01,672.54	95%	73,73,725.00		73,73,725.00
300	355	ETD UNNAO	414	10 213	Construction of residence and store at 132	REC 8810119	6.1.2019	2,69,16,277.00	1,14,928.17	95%	36,14,180.00		36,14,180.00
300	355	ETD UNNAO	415	10 213	Construction of foundation, borewell and TI	REC 8810119	6.1.2019	1,61,068.00	22,24,435.64	95%	2,03,62,611.00		2,03,62,611.00
300	355	ETD UNNAO	416	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	417	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	418	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	419	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	420	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	421	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	422	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	423	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	424	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	425	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	426	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	427	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	428	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	429	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	430	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	431	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	432	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	433	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	434	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	435	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	436	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	437	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	438	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	439	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	440	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	441	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	442	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	443	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	444	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	445	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	446	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	447	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	448	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	449	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	450	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	451	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	452	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	453	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	454	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	455	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	456	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	457	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	458	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	459	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	460	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	461	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	462	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	463	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	464	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	465	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	466	10 213	Construction of tubewell boring at 132 kv	REC 8810119	12.21.2019	1,14,000.00	1,14,000.00	95%	13,74,587.00		13,74,587.00
300	355	ETD UNNAO	467	10 213	Construction of tubewell boring at 132 kv	REC 88101							

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)

Sl. No.	Location Code	Name of Unit	SL No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme/ Agreement No.	Commercial Date of Operation	Base Cost	Loading	Check Loading Rate	Amort Capitalised During the year	EDC Capitalised	Total
300	307	E.T.D. AYODHYA	452	10 54 5	Construction of 2510 MVAR Capacitor Bank	REC	5/21/2019	77,84,950.00	7,00,364.37	9%	64,84,615.37		84,84,615.37
300	307	E.T.D. AYODHYA	453	10 54 5	Construction of 132KV Alupur Bay at 132	REC	3/24/2020	26,48,920.18	2,42,012.83	9%	29,30,933.21		29,30,933.21
300	307	E.T.D. AYODHYA	454	10 54 5	Const of 220KV Substation at COD 12.12.2009	08503082	12/12/2009	-	-	EDV 0%	-	9,07,154.01	9,07,154.01
300	307	E.T.D. AYODHYA	455	10 60 1	Const of 5/5 132 KV line on DTC tower from	00476621	6/8/2016	-	-	EDV 0%	-	5,79,183.20	5,79,183.20
300	307	E.T.D. AYODHYA	456	10 60 1	132 KV Alupur Feeder Bays at 230 KV S/S	00476621	6/13/2018	-	-	EDV 0%	-	27,38,077.16	27,38,077.16
300	312	E.T.D. 1 LUKHNOW	457	10 20 7	BUILDING CONTAINING TRANSINSTALLATION	REC-475719	6/19/2019	4,79,81,244.81	41,14,018.54	9%	5,22,47,509.39		5,22,47,509.39
300	312	E.T.D. 1 LUKHNOW	458	10 21 1	LIFT WORK AT PABSHWAN BHAWAN	RE	11/21/2017	15,12,110.00	1,17,889.91	9%	16,50,000.00		16,50,000.00
300	312	E.T.D. 1 LUKHNOW	459	10 40 1	ROADS AND OTHER INSTALLATION AT 132	REC-475719	6/19/2019	17,18,858.15	1,18,299.07	9%	19,17,188.55	2,92,851.37	22,10,039.92
300	312	E.T.D. 1 LUKHNOW	460	10 54 1	REPLACEMENT OF DAMAGED 63 MV A/T	REC	1/28/2019	23,61,901.72	22,61,901.72	9%	2,74,18,615.00		2,74,18,615.00
300	312	E.T.D. 1 LUKHNOW	461	10 54 1	ERECTION OF 63MVA T/F AT 230KV GB S/S	RE	9/8/2019	1,26,77,010.00	29,20,930.00	9%	1,56,17,940.00		1,56,17,940.00
300	312	E.T.D. 1 LUKHNOW	462	10 54 1	REPLACEMENT OF 70 MVA (IMP MARS) T/F	REC 04713524	5/16/2019	1,60,22,025.00	15,22,982.11	9%	1,84,45,000.00	36,180.03	1,84,81,180.03
300	312	E.T.D. 1 LUKHNOW	463	10 54 1	63MVA T/F AT 132 KV HANUAMAN SETU	REC-475719	6/19/2019	2,87,02,546.00	24,81,229.14	9%	3,12,85,775.14	47,78,915.51	3,60,64,690.65
300	312	E.T.D. 1 LUKHNOW	464	10 54 1	CONSTRUCTION OF NEW 2510 MVAR 33 K	UP TD-TRM 047 2019-14744	8/21/2019	91,12,817.41	8,38,153.57	9%	1,01,50,970.98	3,159.12	1,01,54,230.10
300	312	E.T.D. 1 LUKHNOW	465	10 54 1	CONSTRUCTION OF 2510 MVAR CAPACITOR	UP TD-BRM-047-2019-14744	9/12/2019	66,17,007.21	6,95,530.65	9%	72,12,537.86	4,462.49	72,17,000.35
300	312	E.T.D. 1 LUKHNOW	466	10 54 1	CONSTRUCTION OF NEW 735 MVAR CAPA	UP TD-BRM-047-2019-14744	9/6/2019	24,12,007.00	2,17,000.61	9%	26,29,007.61		26,29,007.61
300	312	E.T.D. 1 LUKHNOW	467	10 54 1	CONSTRUCTION OF NEW 735 MVAR CAPA	UP TD-BRM-047-2019-14744	9/11/2019	66,09,815.14	6,12,711.18	9%	67,09,526.32	13,717.05	67,23,243.37
300	312	E.T.D. 1 LUKHNOW	468	10 54 3	33 KV OFFICE EXPO BAY AT 132 KV S/S SGP	UP GOVT	11/16/2019	21,07,180.82	1,89,682.27	9%	22,97,263.09		22,97,263.09
300	312	E.T.D. 1 LUKHNOW	469	10 54 3	CONSTRUCTION OF KADIPUR PARA BAY A	LOA DEPOSIT	7/10/2019	23,05,024.11	2,07,452.17	9%	25,12,476.30		25,12,476.30
300	312	E.T.D. 1 LUKHNOW	470	10 54 3	OTHER TRANSMISSION PLANT AT 132 KV H	REC-475719	6/19/2019	6,08,29,889.00	54,74,699.01	9%	6,63,04,579.01	1,01,28,052.78	7,64,32,631.79
300	312	E.T.D. 1 LUKHNOW	471	10 56 1	SWITCHGEAR INCLUDING CABLE CONNECTION	REC-475719	6/19/2019	15,90,19,175.00	1,41,11,741.75	9%	17,31,31,118.75	2,64,76,403.40	19,96,07,522.15
300	312	E.T.D. 1 LUKHNOW	472	10 56 1	BATTERY'S INCLUDING CHARGING EQUIPMENT	REC-475719	6/19/2019	10,54,200.00	94,92,100.00	9%	11,49,120.00	1,75,825.40	13,24,945.40
300	312	E.T.D. 1 LUKHNOW	473	10 56 1	LIGHTING ARRANGEMENTS AT 132 KV HANUAMA	REC-475719	6/19/2019	8,30,000.00	6,61,532.20	9%	9,41,532.20	1,11,315.19	10,52,847.39
300	312	E.T.D. 1 LUKHNOW	474	10 57 6	A/C WORK AT DIRECTOR HOSTEL THROUGH	RE	10/13/2018	7,72,800.00	7,00,000.00	9%	8,42,800.00		8,42,800.00
300	312	E.T.D. 1 LUKHNOW	475	10 58 1	TOOLS AND JARRELS AT 132 KV HANUAMA	UP GOVT	6/19/2019	6,27,20,515.28	56,14,846.18	9%	6,83,35,361.46		6,83,35,361.46
300	312	E.T.D. 1 LUKHNOW	476	10 60 1	REPLACEMENT OF OLD CONDUCTOR BY N	DEPOSIT NHA	12/18/2018	1,87,22,866.74	1,26,037.26	9%	1,99,48,904.00		1,99,48,904.00
300	312	E.T.D. 1 LUKHNOW	477	10 60 1	DIVERSION & HEIGHT RAISING OF 230 KV	DEPOSIT NHA	8/12/2019	93,45,345.94	8,14,431.09	9%	98,59,777.03		98,59,777.03
300	312	E.T.D. 1 LUKHNOW	478	10 60 1	DIVERSION & HEIGHT RAISING OF 132 KV	REC 047 2016-11190	9/25/2019	2,81,06,861.49	22,000,171.71	9%	3,03,06,861.49	49,587.04	3,03,56,448.53
300	312	E.T.D. 1 LUKHNOW	479	10 60 1	REPLACEMENT OF OLD CONDUCTOR BY N	REC 047 2016-11693	4/5/2019	6,61,51,808.90	6,10,042.80	9%	7,19,76,851.70		7,19,76,851.70
300	312	E.T.D. 1 LUKHNOW	480	10 60 1	REPLACEMENT OF OLD CONDUCTOR BY N	PLDF	6/2/2019	1,14,01,542.88	9,196,207.25	9%	1,23,21,740.13		1,23,21,740.13
300	312	E.T.D. 1 LUKHNOW	481	10 60 1	REPLACEMENT OF OLD CONDUCTOR BY N	PLDF	6/10/2019	18,72,47,801.40	1,68,12,284.04	9%	20,40,76,085.44		20,40,76,085.44
300	312	E.T.D. 1 LUKHNOW	482	10 61 1	LBO of 230 KV DC Saran Nogar - Unnao	REC 047811	3/7/2018	-	-	EDV 0%	-	12,31,80,685.64	12,31,80,685.64
300	312	E.T.D. 1 LUKHNOW	483	10 54 3	Increasing capacity of 132 KV S/S TRT LUK	REC 04710091	12/5/2016	-	-	EDV 0%	-	1,65,780.55	1,65,780.55
300	312	E.T.D. 1 LUKHNOW	484	10 54 3	Increasing capacity of 132 KV S/S Neebaj P	REC 04710099	12/19/2016	-	-	EDV 0%	-	2,67,924.31	2,67,924.31
300	355	ETD UNNAO	485	10 54 1	Construction of 132 KV S/S Mairpur and	00478112		-	-	EDV 0%	-	2,86,708.27	2,86,708.27
300	313	E.T.D. 1 LUKHNOW	486	10 54 1	Increasing Capacity from 2x100 to 2x200	04710134		-	-	EDV 0%	-	20,49,768.79	20,49,768.79
300	313	E.T.D. 1 LUKHNOW	487	10 54 1	Increasing Capacity of 220 KV S/S Chakul	04710139		-	-	EDV 0%	-	18,26,184.16	18,26,184.16
300	306	E.T.D. GONDA	488	10 54 3	(i) Renovation of 132 KV Bus Bar at 220KV	00474819		-	-	EDV 0%	-	7,17,646.12	7,17,646.12
300	312	E.T.D. 1 LUKHNOW	489	10 60 1	Construction of 132 KV Bus at 230 KV S/S	00475119		-	-	EDV 0%	-	2,17,101.12	2,17,101.12
300	312	E.T.D. 1 LUKHNOW	490	10 60 1	Cost of material for construction of 132 KV	00475119		-	-	EDV 0%	-	1,17,51,907.41	1,17,51,907.41
300	312	E.T.D. 1 LUKHNOW	491	10 60 1	Erection cost of 132 KV Single Circuit Tran	00475119		-	-	EDV 0%	-	53,87,341.97	53,87,341.97
300	355	ETD UNNAO	492	10 54 1	Construction of 132 KV S/S Mairpur and	00478112		-	-	EDV 0%	-	51,04,181.87	51,04,181.87
300	305	E-400 KV S/S SULTANPUR	494	10 54 3	Increasing Capacity of 230/132 KV S/S Su	04710593		-	-	EDV 0%	-	1,56,048.84	1,56,048.84
300	305	E-400 KV S/S SULTANPUR	495	10 54 1	Increasing Capacity of 230/132 KV S/S Su	04710593		-	-	EDV 0%	-	-17,14,581.89	-17,14,581.89
300	304	E.T.D. SULTANPUR	496	10 54 1	Construction of 265 KV Mairpur Bay and	00478666		-	-	EDV 0%	-	1,72,77,018.51	1,72,77,018.51
300	304	E.T.D. SULTANPUR	497	10 54 3	Const of 132/132 KV S/S Mairpur Bay and	04710081		-	-	EDV 0%	-	1,58,731.18	1,58,731.18
300	304	E.T.D. SULTANPUR	498	10 60 1	Const. of 132/132 KV DC Transmission line	04710081		-	-	EDV 0%	-	44,127.31	44,127.31
300	323	ETD BAREILLY	499	10 54 1	Increasing Capacity of 220/132 KV S/S Doh	04710384		-	-	EDV 0%	-	2,09,294.97	2,09,294.97
300	312	ETD BAREILLY	500	10 54 1	Increasing Capacity of 132 KV S/S Bichal B	04710386		-	-	EDV 0%	-	4,249.99	4,249.99
300	306	E.T.D. GONDA	501	10 54 3	Construction of 132/132 KV 312 KV Bus B	04710519		-	-	EDV 0%	-	67,246.90	67,246.90
300	304	E.T.D. SULTANPUR	502	10 54 1	Increasing Capacity of 132 KV S/S Inputa	04710554		-	-	EDV 0%	-	7,47,750.96	7,47,750.96
300	327	ETD BAREILLY	503	10 54 1	Increasing Capacity of 132 KV S/S Barche	04710555		-	-	EDV 0%	-	1,94,009.04	1,94,009.04
300	313	E.T.D. 1 LUKHNOW	504	10 54 1	Increasing Capacity of 220 KV S/S Chakul	04710517		-	-	EDV 0%	-	18,61,215.20	18,61,215.20
300	313	E.T.D. 1 LUKHNOW	505	10 54 1	Increasing Capacity of 132/132 KV S/S Neeb	04710736		-	-	EDV 0%	-	1,85,565.61	1,85,565.61
300	309	ETD BAREILLY	506	10 60 1	132 KV Bay at 132 KV S/S Barche and	88101101		-	-	EDV 0%	-	7,51,886.48	7,51,886.48
300	314	ETD BAREILLY	507	10 54 1	Instal of 2x10MVAR Capacitor Bank at 2	88101069		-	-	EDV 0%	-	4,277.76	4,277.76
300	313	E.T.D. 1 LUKHNOW	508	10 54 3	Const of LBO of 132 KV DC Chakul and	88101070		-	-	EDV 0%	-	7,046.13	7,046.13
300	313	E.T.D. 1 LUKHNOW	509	10 54 3	OS No. Feeder Bay at 220 KV S/S Kurs Road	88101070		-	-	EDV 0%	-	16,184.85	16,184.85
300	313	E.T.D. 1 LUKHNOW	510	10 54 3	Construction of LBO of 132 KV DC Chakul	88101070		-	-	EDV 0%	-	31,592.12	31,592.12

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मनोज सिंह
अधीक्षक अभियन्ता
राज्य निदेशक (निर्माण एवं वाणिज्य)
उपसंचालन विभाग

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)

Sl. No.	Location Code	Name of Unit	SL No.	AC Code	Name of Substation/ Line/Work	Source of Scheme & Scheme / Agreement No.	Commercial Date of Operation	Base Cost	Loading	Check Loading Rate	Am't Capitalised During the year	EDC Capitalised	Total
300	307	E.T.D. ATOMYA	513	10 601	cost for construction of 220 KV D/H	04710142						-58,862.00	58,862.00
300	307	E.T.D. ATOMYA	513	10 601	cost for 25.00 km @ 76.20 Lacs per km. I.D.	04710142						1,47,661.00	1,47,661.00
300	309	E.T.D. RAIBARELI	513	10 601	18/3 of 220 KV D/C Amarnath PGCR 5-Sector	88103101						-79,225.63	79,225.63
300	309	E.T.D. RAIBARELI	514	10 601	132KV D/C Bachhawan (220S) Bachhawan	88103101						1,674.96	1,674.96
300	309	E.T.D. RAIBARELI	515	10 601	132KV D/C Bachhawan (220S) Sarona (1.32)	88103101						-41,686.94	41,686.94
300	304	E.T.D. SUTANPUR	516	10 543	Construction of 220/111 KV S/S at Amethi	88103109						1,40,023.55	1,40,023.55
300	304	E.T.D. SUTANPUR	517	10 601	132 KV D/C Amethi 220S - Gauranghara	88103109						9,146.12	9,146.12
300	304	E.T.D. SUTANPUR	518	10 601	132 KV D/C Amethi 220S - Jagdishpur line	88103109						-46,152.04	46,152.04
300	304	E.T.D. SUTANPUR	519	10 601	02 No. 132 KV Bay at Gauranghara	88103109						2,191.62	2,191.62
300	304	E.T.D. SUTANPUR	520	10 601	02 No. 132 KV Bay at Jagdishpur	88103109						3,686.36	3,686.36
300	314	E.T.D. LUCKNOW	521	10 543	Constn of 220/111/33 KV S/S Barabanki 12	88103069						-44,200.41	44,200.41
400	401	ELECTRICITY CIVIL TRANS. OFFICE LUCKNOW	523	10 8	Steel Almirah	O & M	19/2020	51,111.00	1,110.00	10%	37,510.00		37,510.00
400	404	C.E. (CIVIL) LUCKNOW	523	10 8	Steel Rack	IR	7/1/2019	11,564.00	1,156.00	10%	12,720.00		12,720.00
400	405	ELECT CIVILTRANS. DIVISION LUCKNOW	524	10 8	STEEL ALMIRAH	CAPITAL HEAD	10/17/2019	51,150.00	5,115.00	10%	56,265.00		56,265.00
400	405	ELECT CIVILTRANS. DIVISION LUCKNOW	525	10 906	HP DESKTOP	CAPITAL HEAD	12/11/2019	49,191.30	4,919.13	10%	54,110.30		54,110.30
400	405	ELECT CIVILTRANS. DIVISION LUCKNOW	526	10 906	1 KVA UPS	CAPITAL HEAD	12/11/2019	4,919.15	491.91	10%	5,052.15		5,052.15
400	405	ELECT CIVILTRANS. DIVISION LUCKNOW	527	10 906	CANON PRINTER	CAPITAL HEAD	12/16/2019	14,943.00	1,494.30	10%	20,455.00		20,455.00
400	405	ELECT CIVILTRANS. DIVISION LUCKNOW	528	10 577	AIR CONDITION	O & M	12/5/2018	1,48,810.00	14,881.00	10%	1,61,071.00		1,61,071.00
400	405	ELECT CIVILTRANS. DIVISION LUCKNOW	529	10 580	REFRIGERATOR	O & M	12/5/2018	16,482.00	1,648.20	10%	18,042.00		18,042.00
400	405	ELECT CIVILTRANS. DIVISION LUCKNOW	530	10 8	FURNITURE	O & M	12/5/2018	11,716.00	1,171.60	10%	13,110.00		13,110.00
400	406	G.M. (CIVIL) TRANSMISSION	531	10 8	Executive Office Chair(High Back Chair)	O & M	6/7/2015	12,132.00	1,213.20	10%	13,367.20		13,367.20
400	407	E.T.D. SUTANPUR	532	10 909	Coding Fan Room cooler Etc. for Freezer H.	RTU 800 KV Substation	11/7/2019	25,480.00	2,548.00	10%	27,500.00		27,500.00
450	452	EMTD LUCKNOW	533	10 545	Commissioning of RTU line at station	PLDG	7/15/2019	5,145,441.20	51,454.41	10%	5,67,218.74		5,67,218.74
450	452	EMTD LUCKNOW	534	10 545	Base engt. with all accessories	PLDG	4/2/2019	4,15,651.40	41,565.14	10%	5,67,218.74		5,67,218.74
450	452	EMTD LUCKNOW	535	10 545	Base engt. with all accessories	PLDG	4/1/2019	5,15,651.20	51,565.12	10%	5,67,218.74		5,67,218.74
450	452	EMTD LUCKNOW	536	10 545	Base engt. with all accessories	PLDG	4/1/2019	6,67,575.60	66,757.56	10%	7,34,333.16		7,34,333.16
450	452	EMTD LUCKNOW	537	10 545	OFCC based RTU with all accessories	PLDG	5/21/2019	1,66,014.00	16,601.40	10%	1,82,615.40		1,82,615.40
450	452	EMTD LUCKNOW	538	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/18/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	539	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/18/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	540	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/20/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	541	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	542	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	543	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	544	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	545	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	546	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	547	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	548	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	549	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	550	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	551	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	552	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	553	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	554	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PLDG	9/21/2019	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80
450	452	EMTD LUCKNOW	555	10 545	Commissioning of 48 V 3 Phase FCBC	PLDG	2/20/2020	1,11,128.00	11,112.80	10%	1,22,240.80		1,22,240.80

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 अधीक्षण अभियन्ता
 सार्वजनिक निर्माण एवं वाणिज्य
 उपायुक्त, लखनऊ

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)													
Sl. No.	Location Code	Name of Unit	Sl. No.	AC Code	Name of Substation/ Line/ Work	Search Of Scheme & Scheme/ Agreement No.	Commercial Date of Operation	Base Cost	Loading	Check Loading Rate	Amc Capitalised During the year	IDC Capitalised	Total
450	452	EMTD LUKENOW	576	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PSDF	11.9.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	577	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PSDF	10.2.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	578	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PSDF	10.2.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	579	10 545	48 V DC 300 AH. Maintenance free VRLA B.	PSDF	11.2.2019	1.54.816.00	1.54.81.60	10%	1.70.297.60		1.70.297.60
450	452	EMTD LUKENOW	580	10 545	OPC based RTU (Hysteresis) with all accessories	PSDF	1.1.2020	6.23.969.00	6.23.96.90	10%	6.86.365.90		6.86.365.90
450	452	EMTD LUKENOW	581	10 545	OPC based RTU (Hysteresis) with all accessories	PSDF	1.16.2020	7.98.769.00	7.98.76.90	10%	8.78.645.90		8.78.645.90
450	452	EMTD LUKENOW	582	10 906	Central Processing Unit CPU	IB	1.6.2020	8.00.00.00	1.00.00.00	10%	11.03.00		11.03.00
450	452	EMTD LUKENOW	583	11 60	Base eqpt for 4 direction with all accessories	IB	5.7.2019	9.07.318.50	9.07.31.85	10%	9.98.050.30		9.98.050.30
450	452	EMTD LUKENOW	584	11 60	4 Command Digital Tele Coupler with all acc	IB	5.7.2019	4.57.294.75	4.57.29.48	10%	5.02.930.65		5.02.930.65
450	452	EMTD LUKENOW	585	11 60	4 Command Digital Tele Coupler with all acc	IB	5.7.2019	4.57.294.75	4.57.29.48	10%	5.02.930.65		5.02.930.65
450	452	EMTD LUKENOW	586	11 60	48 V FCBC with DVR or with other VD array	IB	7.1.2019	1.41.531.00	1.41.53.10	10%	3.75.841.00		3.75.841.00
450	452	EMTD LUKENOW	587	11 60	OPC based RTU with all accessories	IB	8.1.2019	7.98.769.00	7.98.76.90	10%	8.78.645.90		8.78.645.90
450	452	EMTD LUKENOW	588	11 60	48 V FCBC with DVR or with other VD array	IB	8.9.2019	1.70.765.00	1.70.76.50	10%	1.87.841.50		1.87.841.50
450	452	EMTD LUKENOW	589	11 60	48 V FCBC with DVR or with other VD array	IB	8.10.2019	1.70.765.00	1.70.76.50	10%	1.87.841.50		1.87.841.50
450	452	EMTD LUKENOW	590	11 60	48 V FCBC with DVR or with other VD array	IB	8.20.2019	1.70.765.00	1.70.76.50	10%	1.87.841.50		1.87.841.50
450	452	EMTD LUKENOW	591	11 60	48 V FCBC with DVR or with other VD array	IB	8.21.2019	1.70.765.00	1.70.76.50	10%	1.87.841.50		1.87.841.50
450	452	EMTD LUKENOW	592	11 60	48 V. 3P. 4W FCBC with DVR or with other V	IB	7.26.2019	1.63.454.00	1.63.45.40	10%	1.79.799.40		1.79.799.40
450	452	EMTD LUKENOW	593	11 60	48 V. 3P. 4W FCBC with DVR or with other V	IB	7.26.2019	1.63.454.00	1.63.45.40	10%	1.79.799.40		1.79.799.40
450	452	EMTD LUKENOW	594	11 60	48 V. 3P. 4W FCBC with DVR or with other V	IB	7.27.2019	1.63.454.00	1.63.45.40	10%	1.79.799.40		1.79.799.40
450	452	EMTD LUKENOW	595	11 60	48 V. 3P. 4W FCBC with DVR or with other V	IB	8.6.2019	1.63.454.00	1.63.45.40	10%	1.79.799.40		1.79.799.40
450	452	EMTD LUKENOW	596	11 60	48 V. 3P. 4W FCBC with DVR or with other V	IB	8.12.2019	1.63.454.00	1.63.45.40	10%	1.79.799.40		1.79.799.40
450	452	EMTD LUKENOW	597	11 60	48 V. 3P. 4W FCBC with DVR or with other V	IB	8.19.2019	1.63.454.00	1.63.45.40	10%	1.79.799.40		1.79.799.40
450	452	EMTD LUKENOW	598	11 60	48 V. 3P. 4W FCBC with DVR or with other V	IB	8.22.2019	1.63.454.00	1.63.45.40	10%	1.79.799.40		1.79.799.40
450	452	EMTD LUKENOW	599	11 60	48 V. 3P. 4W FCBC with DVR or with other V	IB	9.1.2019	1.63.454.00	1.63.45.40	10%	1.79.799.40		1.79.799.40
450	452	EMTD LUKENOW	600	11 60	Base eqpt for 4 direction with all accessories	IB	8.17.2019	5.15.655.00	5.15.65.50	10%	5.67.218.30		5.67.218.30
450	452	EMTD LUKENOW	601	11 60	Central Cable 6x2.5 mm B 20/mtr	IB	9.2.2019	12.00.00	1.20.00.00	10%	1.11.00.00		1.11.00.00
450	452	EMTD LUKENOW	602	11 60	Base eqpt (Fibcom 6335) for 4 dir with all	IB	9.2.2019	5.15.655.00	5.15.65.50	10%	5.67.218.30		5.67.218.30
450	452	EMTD LUKENOW	603	11 60	41. Alarm Input Card	IB	9.21.2019	8.60.00	8.60.00.00	10%	9.66.00		9.66.00
450	452	EMTD LUKENOW	604	11 60	48 V. 3P. 4W FCBC with DVR or with other V	IB	9.6.2019	1.63.454.00	1.63.45.40	10%	1.79.799.40		1.79.799.40
450	452	EMTD LUKENOW	605	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.21.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	606	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.22.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	607	11 60	Base eqpt (Fibcom 6335) suitable for 4 dir	IB	8.24.2019	5.15.655.00	5.15.65.50	10%	5.67.218.30		5.67.218.30
450	452	EMTD LUKENOW	608	11 60	48 V. 3P. 4W FCBC with DVR or with other V	IB	9.2.2019	1.63.454.00	1.63.45.40	10%	1.79.799.40		1.79.799.40
450	452	EMTD LUKENOW	609	11 60	4 Command Stand Alone with all accessories	IB	9.9.2019	1.90.000.00	1.90.00.00	10%	2.09.000.00		2.09.000.00
450	452	EMTD LUKENOW	610	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.20.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	611	11 60	OPC based RTU with all accessories	IB	8.11.2019	7.98.769.00	7.98.76.90	10%	8.78.645.90		8.78.645.90
450	452	EMTD LUKENOW	612	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.20.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	613	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.21.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	614	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.22.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	615	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.23.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	616	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.24.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	617	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.25.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	618	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.26.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	619	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.27.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	620	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.28.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	621	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.29.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	622	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	9.30.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	623	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.1.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	624	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.2.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	625	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.3.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	626	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.4.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	627	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.5.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	628	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.6.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	629	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.7.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	630	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.8.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	631	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.9.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	632	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.10.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	633	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.11.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	634	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.12.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	635	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.13.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD LUKENOW	636	11 60	48 V DC 300 AH. Maintenance free VRLA B.	IB	10.14.2019	1.11.128.00	1.11.12.80	10%	1.44.460.80		1.44.460.80
450	452	EMTD VARANASI	637	10 545	OPC based RTU with all accessories	PSDF	4.4.2019	1.15.655.00	1.15.65.50	10%	5.62.062.20		5.62.062.20
450	452	EMTD VARANASI	638	10 545	OPC based RTU with all accessories	PSDF	4.4.2019	1.15.655.00	1.15.65.50	10%	5.62.062.20		5.62.062.20

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(मनोज सिंह)
अवीक्षण अभियन्ता
समृद्ध निदेशक (नियोजन एवं वाणिज्य)
उत्तरांचल प्रदेश

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)

Zone	Location code	Name of Unit	Sl. No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme/ Agreement No.	Commenced Date of Operation	Base Cost	Loading	Check Loading Ratio	Amst Capitalised During the year	IDC Capitalised	Total
450	453	EMTD VARANASI	629	10 545	FOITE at 220 kv substation	PSDF	1.28.2019	5,15,653.19	46,818.81	9%	5,62,062.20		5,62,062.20
450	451	EMTD VARANASI	630	10 545	battery charger at 220 kv substation	PSDF	4.1.2019	1,61,454.00	11,441.78	7%	1,78,895.78		1,78,895.78
450	451	EMTD VARANASI	631	10 545	charger at 220 kv substation	PSDF	7.5.2019	1,61,454.00	14,710.86	9%	1,78,164.86		1,78,164.86
450	451	EMTD VARANASI	632	10 545	charger at 220 kv substation	PSDF	7.6.2019	1,61,454.00	14,710.86	9%	1,78,164.86		1,78,164.86
450	451	EMTD VARANASI	633	10 545	RTU at 220 kv substation	PSDF	8.12.2019	5,15,653.19	46,818.81	9%	5,62,062.21		5,62,062.21
450	451	EMTD VARANASI	634	10 545	battery charger at 220 kv substation	PSDF	8.22.2019	1,61,454.00	14,710.86	9%	1,78,164.86		1,78,164.86
450	451	EMTD VARANASI	635	10 545	battery at 220 kv substation	PSDF	9.2.2019	1,61,454.00	14,710.86	9%	1,78,164.86		1,78,164.86
450	451	EMTD VARANASI	636	10 545	battery charger at 220 kv substation	PSDF	9.2.2019	1,61,454.00	14,710.86	9%	1,78,164.86		1,78,164.86
450	451	EMTD VARANASI	637	10 545	battery charger at 220 kv substation	PSDF	9.2.2019	2,62,656.00	21,619.52	9%	2,84,275.52		2,84,275.52
450	453	EMTD VARANASI	638	10 545	battery at 220 kv substation	PSDF	9.21.2019	1,11,128.00	71,819.52	9%	1,83,147.52		1,83,147.52
450	453	EMTD VARANASI	639	10 545	48 v 300 ah battery at 220 kv substation	PSDF	11.18.2019	1,11,128.00	16,819.52	9%	1,83,147.52		1,83,147.52
450	453	EMTD VARANASI	640	10 545	48 v 300 ah battery at 220 kv substation	PSDF	12.6.2019	1,11,128.00	11,819.52	9%	1,83,147.52		1,83,147.52
450	453	EMTD VARANASI	641	10 545	48 v 300 ah battery at 220 kv substation	PSDF	12.19.2019	1,11,128.00	11,819.52	9%	1,83,147.52		1,83,147.52
450	453	EMTD VARANASI	642	10 545	FOITE at 220 kv substation	PSDF	1.11.2020	5,17,963.30	46,616.44	9%	5,64,579.81		5,64,579.81
450	453	EMTD VARANASI	643	10 545	FOITE at 220 kv substation	PSDF	1.11.2020	5,17,963.30	46,616.44	9%	5,64,579.81		5,64,579.81
450	453	EMTD VARANASI	644	11 60	connector at 220 kv substation	IB	1.28.2020	2,077.00	207.70	10%	2,284.70		2,284.70
450	453	EMTD VARANASI	645	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	646	11 60	rtu at 220 kv substation	IB	1.7.2021	7,98,769.00	79,876.90	10%	8,78,645.90		8,78,645.90
450	453	EMTD VARANASI	647	11 60	rtu at 220 kv substation	IB	1.7.2021	2,26,166.00	22,616.60	10%	2,49,002.60		2,49,002.60
450	453	EMTD VARANASI	648	11 60	insurance equipment at 220 kv substation	IB	1.7.2021	91,256.00	9,125.60	10%	1,00,546.60		1,00,546.60
450	453	EMTD VARANASI	649	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	650	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	651	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	652	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	653	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	654	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	655	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	656	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	657	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	658	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	659	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	660	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	661	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	662	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	663	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	664	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	665	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	666	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	667	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	668	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	669	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	670	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	671	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	672	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	673	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	674	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	675	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	676	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	677	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	678	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	679	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	680	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	681	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00
450	453	EMTD VARANASI	682	11 60	rtu at 220 kv substation	IB	1.7.2021	6,52,180.00	65,218.00	10%	7,17,618.00		7,17,618.00

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अधीक्षक अभियन्ता
सम्यक निदेशक (नियोजन एवं वाणिज्य)
उपप्रमोदप्रकाश

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)													
Sl. No.	Location code	Name of Unit	Sl. No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme / Agreement No.	Commercial Date of Operation	Base Cost	Loading	Check Loading Rate	Asset Capitalised During the year	IOC Capitalised	Total
450	454	EMTD MEERUT	687	11 60	EMTSD MURADNAGAR MATERIAL DTPC O	IR	11-06-2019	19 84 923.07	1 08 492.40	10%	41,88,915.47		41,88,915.47
450	454	EMTD MEERUT	688	11 60	EMTSD MURADNAGAR DI CADR AMITECH	IR	11-06-2019	42 718.42	4 273.90	10%	47 012.32		47,012.32
450	454	EMTD MEERUT	689	11 60	COMMISSIONING CHARGES OF FIXED ASSETS	IR	8 11 2019	2 81 760.00	28 173.13	10%	1 09 935.00		1,09,935.00
450	454	EMTD MEERUT	690	11 60	EMTSD MOOPURAM MFT	IR	9 10 2019	66 661.56	6 661.56	10%	73 266.12		73,266.12
450	454	EMTD MEERUT	691	11 60	COMMISSIONING CHARGES OF FIXED ASSETS	IR	9 10 2019	1 72 560.00	17 250.11	10%	1 89 750.00		1,89,750.00
450	454	EMTD MEERUT	692	11 60	3 DATA MODERN MOOPURAM	IR	9 10 2019	1 67 672.00	18 717.20	10%	2 05 109.20		2,05,109.20
450	454	EMTD MEERUT	693	11 60	COMMISSIONING CHARGES OF FIELD ASSET	IR	9 10 2019	2 65 560.00	26 450.00	10%	2 92 050.00		2,92,050.00
450	454	EMTD MEERUT	694	11 60	HCL LAPTOP NORDA	IR	9 10 2019	65 090.00	6 500.00	10%	71 500.00		71,500.00
450	454	EMTD MEERUT	695	11 60	FOTE COMPLETE MORADABAD	IR	10 10 2019	11 25 248.38	1 32 524.90	10%	14 57 773.28		14,57,773.28
450	454	EMTD MEERUT	696	11 60	FOTE COMPLETE SD NORDA	IR	12 11 2019	5 17 960.00	51 796.81	10%	5 69 756.00		5,69,756.00
450	454	EMTD MEERUT	697	11 60	PORTABLE RTU NORDA	IR	12 11 2019	10 57 180.00	1 91 714.00	10%	21 52 854.00		21,52,854.00
450	454	EMTD MEERUT	698	11 60	EMTSD MURADNAGAR 1 MR RELAY	IR	1 11 2020	11 182.00	1 118.50	10%	12 521.30		12,521.30
450	454	EMTD MEERUT	699	11 60	EMTSD SAHARANPUR RTU 1 MR RELAY MT	IR	1 11 2020	17 41 029.00	1 74 302.90	10%	19 17 331.90		19,17,331.90
450	454	EMTD MEERUT	700	11 60	EMTSD MORADABAD COMPLETE FOTE	IR	1 11 2020	5 17 960.00	51 796.81	10%	5 69 756.00		5,69,756.00
450	454	EMTD MEERUT	701	11 60	EMTSD NORDA COMPLETE FOTE	IR	1 11 2020	15 51 880.00	1 54 186.10	10%	17 09 768.00		17,09,768.00
450	462	E M T D AGRA	697	10 8	FURNITURE & FIXTURE RECEIVED IN DIV AG	RJT FMV AGRA	1 11 2019	2 52 081.30	25 208.10	10%	2 77 289.30		2,77,289.30
450	462	E M T D AGRA	698	10 906	OT HP MAKE DESKTOP WITH PRINTER & U	RJT EMTD LEO	1 11 2020	31 241.00	7 124.10	10%	78 364.00		78,364.00
450	462	E M T D AGRA	699	11 60	M/S RBCOM 1 FOTE AT S/A 220 SHENADR	IR	9 10 2019	4 70 221.00	47 022.00	10%	5 17 241.00		5,17,241.00
450	462	E M T D AGRA	700	11 60	M/S RBCOM 1 FOTE AT S/A 220 SAKAI	IR	9 10 2019	4 70 221.00	47 022.00	10%	5 17 241.00		5,17,241.00
450	462	E M T D AGRA	701	11 60	M/S TEASH AT S/A 220 AGRA BY INV NR E	IR	10 12 2019	7 64 277.00	75 628.00	10%	8 35 205.00		8,35,205.00
450	462	E M T D AGRA	702	11 60	M/S Synergy 02 RTU + LAPTOP Inv 555/174	IR	1 11 2020	11 30 186.00	1 94 618.00	10%	15 35 804.00		15,35,804.00
450	462	E M T D AGRA	703	11 60	M/S Fibcom 01 VOP Phone Inv 0238/1920	IR	1 11 2020	2 50 520.00	2 500.00	10%	4 844.00		4,844.00
450	462	E M T D AGRA	704	11 60	M/S Fibcom 01 VOP S/A Saharanpur 08	IR	1 11 2020	2 50 520.00	2 500.00	10%	4 844.00		4,844.00
450	462	E M T D AGRA	705	11 60	M/S Fibcom 01 FOTE S/A Saharanpur 08	IR	1 11 2020	4 70 221.00	47 022.00	10%	5 17 241.00		5,17,241.00
450	462	E M T D AGRA	706	10 545	M/S Radetron . E & C 03 Battery Chargers	PSDF	9 10 2019	29 028.00	2 63 000.00	9%	31 641.00		31,641.00
450	462	E M T D AGRA	707	10 545	M/S RBCOM 1 FOTE AT S/A 220 AGRA BY INV	PSDF	9 10 2019	4 70 221.00	12 981.00	9%	5 01 186.00		5,01,186.00
450	462	E M T D AGRA	708	10 545	M/S RBCOM 1 FOTE AT S/A 220 SAKAI	PSDF	9 10 2019	4 70 221.00	25 120.00	9%	5 12 541.00		5,12,541.00
450	462	E M T D AGRA	709	10 545	M/S NE D 3 Battery Set S/A 132 TAL FAHBA	PSDF	9 10 2019	1 91 982.00	15 459.00	9%	4 29 443.00		4,29,443.00
450	462	E M T D AGRA	710	10 545	M/S SYNERGY 2 RTU AT 132 TAL FAHBA	PSDF	9 10 2019	11 30 186.00	1 41 778.00	9%	17 41 316.00		17,41,316.00
450	462	E M T D AGRA	711	10 545	M/S RBCOM 1 FOTE AT S/A 220 MAMPUR	PSDF	9 10 2019	4 70 221.00	42 320.00	9%	5 12 541.00		5,12,541.00
450	462	E M T D AGRA	712	10 545	M/S NE D 02 BATTERY SET S/A 132 KUNIRA	PSDF	9 10 2019	1 91 128.00	11 820.00	9%	1 43 148.00		1,43,148.00
450	462	E M T D AGRA	713	10 545	M/S RADETRON 2 BATTERY CHARGER AT	PSDF	9 10 2019	4 79 975.00	41 898.00	9%	5 23 171.00		5,23,171.00
450	462	E M T D AGRA	714	10 545	M/S SYNERGY 01 RTU AT S/A 132 KUNIRA	PSDF	9 10 2019	1 21 445.00	29 110.00	9%	3 52 555.00		3,52,555.00
450	462	E M T D AGRA	715	10 545	M/S RADETRON 1 BATTERY CHARGER AT	PSDF	9 10 2019	7 98 769.00	71 889.00	9%	8 70 658.00		8,70,658.00
450	462	E M T D AGRA	716	10 545	M/S NE D 02 BATTERY SET S/A 132 FAHBA	PSDF	9 10 2019	1 91 982.00	11 890.00	9%	1 74 390.00		1,74,390.00
450	462	E M T D AGRA	717	10 545	M/S SYNERGY 01 RTU Inv 555/017 181	PSDF	1 11 2020	1 91 982.00	2 62 566.00	9%	2 86 295.00		2,86,295.00
450	462	E M T D AGRA	718	10 545	M/S RBCOM 1 FOTE S/A 220 MAMPUR	PSDF	1 11 2020	4 70 221.00	11 890.00	9%	8 70 658.00		8,70,658.00
450	462	E M T D AGRA	719	10 545	M/S RBCOM 1 FOTE S/A 220 MAMPUR	PSDF	1 11 2020	4 70 221.00	11 890.00	9%	10 13 889.00		10,13,889.00
450	462	E M T D AGRA	720	10 545	M/S RBCOM 1 FOTE S/A 220 MAMPUR	PSDF	1 11 2020	4 70 221.00	11 890.00	9%	4 401.00		4,401.00
450	459	CE (SYSTEM) LEO	721	10 571	1 No CISCO Router with Fiber port 4000 Se	IR	5 2 2019	10 09 137.00	1 03 914.70	10%	11 10 270.70		11,10,270.70
450	459	CE (SYSTEM) LEO	722	10 577	5 Nos LG 2 Ton AC Dual Inverter AC Ather	IR	7 11 2019	1 12 286.00	11 228.00	10%	1 43 514.60		1,43,514.60
450	459	CE (SYSTEM) LEO	723	10 580	3 No Pure Inverter 60/80 RO @ 91552 QD	IR	12 14 2018	2 74 656.00	27 465.60	10%	1 02 121.60		1,02,121.60
450	459	CE (SYSTEM) LEO	724	10 8	2 Nos Geekom Steel Almirah @ 19790.00	IR	4 21 2019	39 580.00	1 958.00	10%	43 538.00		43,538.00
450	459	CE (SYSTEM) LEO	725	10 8	2 Nos Geekom Steel Almirah @ 19790.00	IR	5 21 2019	39 580.00	1 958.00	10%	43 538.00		43,538.00
450	459	CE (SYSTEM) LEO	726	10 8	2 Nos Geekom Revolving Chair Model M4	IR	4 21 2019	20 100.00	2 610.00	10%	22 110.00		22,110.00
450	459	CE (SYSTEM) LEO	727	10 8	2 Nos Geekom Revolving Chair Model M4	IR	5 2 2019	20 100.00	2 610.00	10%	22 110.00		22,110.00
450	459	CE (SYSTEM) LEO	728	10 8	2 Nos Geekom Revolving Chair Model M4	IR	6 14 2019	1 20 600.00	12 490.00	10%	1 32 660.00		1,32,660.00
450	459	CE (SYSTEM) LEO	729	10 8	4 Nos Geekom Office/Victor Chair Model	IR	6 14 2019	1 20 600.00	12 490.00	10%	15 420.00		15,420.00
450	459	CE (SYSTEM) LEO	730	10 8	2 Nos Waiting Chair Bench 1 Seater Model	IR	5 2 2019	26 458.00	2 645.80	10%	29 101.80		29,101.80
450	459	CE (SYSTEM) LEO	731	10 8	6 Nos Geekom Office/Victor Chair Model	IR	6 14 2019	26 458.00	2 645.80	10%	51 130.00		51,130.00
450	459	CE (SYSTEM) LEO	732	10 8	2 Nos Geekom Steel Filing Cabinet @ 14900	IR	6 14 2019	29 800.00	2 980.00	10%	32 780.00		32,780.00
450	459	CE (SYSTEM) LEO	733	10 8	2 Nos Geekom Steel Filing Cabinet @ 14900	IR	6 14 2019	29 800.00	2 980.00	10%	47 916.00		47,916.00
450	459	CE (SYSTEM) LEO	734	10 906	OS NOS WIRELESS KEY BOARD & OPTICAL N	IR	12 14 2018	1 218.15	1 20 81	10%	1 328.96		1,328.96
450	459	CE (SYSTEM) LEO	735	10 906	5 Nos Desktop HP GEN 4 . 17 Monitor HP	IR	9 11 2019	1 28 736.00	44 678.00	10%	4 93 664.60		4,93,664.60
450	459	CE (SYSTEM) LEO	736	10 906	8 Nos Desktop HP 280 G4 MT 17 Wn 10 P4	IR	3 4 2019	6 96 000.00	69 600.00	10%	7 65 600.00		7,65,600.00
450	459	CE (SYSTEM) LEO	737	10 906	11 Nos Desktop HP 280 G4 MT 15 9500 Wd	IR	3 4 2019	7 80 000.00	78 000.00	10%	8 58 000.00		8,58,000.00
450	459	CE (SYSTEM) LEO	738	10 909	15 Feet Aluminum Foldable Ladders 1 Nos	IR	5 8 2018	2 680.00	2 680.00	10%	3 168.00		3,168.00
450	459	CE (SYSTEM) LEO	739	10 909	6 Nos PP High Flow Neo 16" Compact Pp	IR	6 24 2019	22 800.00	2 280.00	10%	25 080.00		25,080.00
450	459	CE (SYSTEM) LEO	740	10 909	2 Nos PP High Flow Neo 16" Compact Pp	IR	7 1 2019	7 600.00	7 600.00	10%	8 360.00		8,360.00
450	455	CE (SYSTEM) LEO	741	10 8	FURNITURE & FIXTURES	ATD (w/d) LEO	Aug 2015	99 980.91	9 998.00	10%	65 979.00		65,979.00
450	455	CE (SYSTEM) LEO	742	10 8	FURNITURE & FIXTURES	ATD (w/d) LEO	Jan 2017	65 725.64	6 572.36	10%	72 298.00		72,298.00

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(मनीष मिश्रा)
अधीक्षण अनियता
समय निदेशक (नियोजन एवं वाणिज्य)
उपप्रबन्धक/उपनिर्देशक

Capitalisation Detail for FY 2019-20 (Zone Code 300,400,450)													
Zone	Location code	Name of Unit	Sl. No.	AC Code	Name of Substation/ Line/Work	Source Of Scheme & Scheme/ Agreement No.	Commenced Date of Operation	Base Cost	Loading	Check Loading Rate	Ann Capitalised During the year	IDC Capitalised	Total
450	455	CERT LUCKNOW	743	10 8	FURNITURE & FIXTURES	ATD Cudlila	Dec 2019	89,280.00	8,928.00	10%	96,208.00		96,208.00
450	455	CERT LUCKNOW	744	10 8	FURNITURE & FIXTURES	ATD Cudlila	Oct 2019	2,17,811.64	21,781.16	10%	2,61,595.00		2,61,595.00
450	455	CERT LUCKNOW	745	10 8	FURNITURE & FIXTURES	ATD Cudlila	Sep 2019	20,343.00	2,034.30	10%	22,377.00		22,377.00
450	455	CERT LUCKNOW	746	10 8	FURNITURE & FIXTURES	ATD	Jul 2019	9,343.00	934.30	10%	10,277.00		10,277.00
450	455	CERT LUCKNOW	747	10 8	FURNITURE & FIXTURES	ATD Cudlila	Feb 2020	15,269.69	1,526.97	10%	16,796.66		16,796.66
450	455	CERT LUCKNOW	748	10 8	FURNITURE & FIXTURES	ATD Cudlila	Mar 2020	2,77,113.64	27,711.36	10%	3,04,825.00		3,04,825.00
450	455	CERT LUCKNOW	749	10 8	FURNITURE & FIXTURES	ATD Cudlila	Oct 2018	5,536.00	553.60	10%	6,089.60		6,089.60
450	455	CERT LUCKNOW	750	10 8	FURNITURE & FIXTURES	ATD Cudlila	Oct 2018	5,61,361.00	56,136.10	10%	6,17,497.10		6,17,497.10
450	455	CERT LUCKNOW	751	10 8	FURNITURE & FIXTURES	ATD Cudlila	Aug 2018	7,38,370.00	73,837.00	10%	8,12,207.00		8,12,207.00
450	455	CERT LUCKNOW	752	10 905	Photo Stat Machine	ATD Cudlila	Aug 2019	1,84,362.73	18,436.27	10%	2,02,799.00		2,02,799.00
450	455	CERT LUCKNOW	753	10 906	COMPUTER, PRINTER	ATD Cudlila	Aug 2019	8,67,891.82	86,789.18	10%	9,54,680.90		9,54,680.90
450	455	CERT LUCKNOW	754	10 906	COMPUTER, PRINTER	ATD Cudlila	Apr 2019	1,41,216.36	14,121.64	10%	1,57,338.00		1,57,338.00
450	455	CERT LUCKNOW	755	10 906	COMPUTER, PRINTER	ATD Cudlila	Apr 2019	66,891.61	6,689.16	10%	73,580.77		73,580.77
450	455	CERT LUCKNOW	756	10 906	COMPUTER, PRINTER	ATD Cudlila	June 2019	30,124.00	3,012.40	10%	33,136.00		33,136.00
450	455	CERT LUCKNOW	757	10 906	COMPUTER, PRINTER	ATD Cudlila	Jul 2019	1,18,962.73	11,896.27	10%	1,30,859.00		1,30,859.00
450	455	CERT LUCKNOW	758	10 906	COMPUTER, PRINTER	ATD Cudlila	Aug 2019	2,25,180.00	22,518.00	10%	2,47,698.00		2,47,698.00
450	455	CERT LUCKNOW	759	10 906	COMPUTER, PRINTER	ATD Cudlila	Jan 2020	1,17,986.78	11,798.68	10%	1,29,785.46		1,29,785.46
450	455	CERT LUCKNOW	760	10 906	COMPUTER, PRINTER	ATD Cudlila	Dec 2019	2,11,562.20	21,156.22	10%	2,32,718.42		2,32,718.42
450	455	CERT LUCKNOW	761	10 906	COMPUTER, PRINTER	ATD Cudlila	Nov 2019	2,42,155.61	24,215.56	10%	2,66,371.17		2,66,371.17
450	455	CERT LUCKNOW	762	10 906	COMPUTER, PRINTER	ATD Cudlila	Oct 2019	1,12,121.11	11,212.11	10%	1,23,333.66		1,23,333.66
450	455	CERT LUCKNOW	763	10 906	COMPUTER, PRINTER	ATD Cudlila	Sep 2019	2,07,521.00	20,752.10	10%	2,28,273.10		2,28,273.10
450	455	CERT LUCKNOW	764	10 906	COMPUTER, PRINTER	ATD Cudlila	Mar 2020	2,67,015.88	26,701.59	10%	2,93,717.47		2,93,717.47
450	455	CERT LUCKNOW	765	10 906	COMPUTER, PRINTER	ATD Cudlila	Jan 2020	2,64,517.00	26,451.70	10%	2,90,968.70		2,90,968.70
450	455	CERT LUCKNOW	766	10 909	OTHERS	ATD Cudlila	Aug 2015	71,861.43	7,186.14	10%	79,047.57		79,047.57
450	455	CERT LUCKNOW	767	10 909	OTHERS	ATD Cudlila	Jan 2020	21,980.00	2,198.00	10%	24,178.00		24,178.00
450	455	CERT LUCKNOW	768	10 909	OTHERS	ATD Cudlila	Oct 2019	21,980.00	2,198.00	10%	24,178.00		24,178.00
450	455	CERT LUCKNOW	769	10 909	OTHERS	ATD Cudlila	Jan 2018	82,250.00	8,225.00	10%	90,475.00		90,475.00
450	455	CERT LUCKNOW	770	16 5	SOFTWARE	ATD Cudlila	Aug 2019	2,71,180.00	27,118.00	10%	2,98,298.00		2,98,298.00
Grand Total								7,55,49,81,951.46	65,30,91,285.50		8,20,80,73,236.96	30,25,99,784.04	8,51,06,73,020.99

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 अध्यक्ष, अमिता
 सम्यक्ष निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र०पा०द्रा०का०लि०

Capitalization Detail For F-Y 2019-2020																
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/ALB Issue Date	Scheduled Commencement Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in F.Y. 2019-20					Remark/Reason of delay, if any.	Remark/Reason of delay, if any.		
						Name Source Scheme	Amount Of Loan Sanctioned	Base Cost	Invest Capitalized	Employee Expense Capitalized	Other	Total				
1	132 KV Shahabad Bay at 132 KV S/S Bham		23 09 2018		23 10 2018	REC	10	11	12	13	14	15	16		17	
	Increasing Capacity of 20 MVA T/F at 132 KV S/S Thakurdwara	265.67	28.11.2018	Mar 19	04.04.2019	REC			3415201.00				307368.09	17725.69 09		
	For Conditioner & other Associated Work (O&M) at 132kv S/S Thakurdwara	10.86	18.04.2019	Jul 19	12.05.2019	O&M			716685.32				64501.66	781187.00		
	132kv 10 MVAR Capacitor Bank - I at 132kv S/S Karch Road Moradabad		11.04.2019	Apr 19	01.07.2019	REC			12058.73 00				153528.52	1859401.57		
	132kv 10 MVAR Capacitor Bank - II at 132kv S/S Karch Road Moradabad		22.05.2019	Jul 19	31.08.2019	REC			2471017.00				722193.33	2691410.33		
	Const. of Cap. Bank at 132 KV S/S Thakurdwara Mtd Ag. No. 94/18-19 dt 14.08.18		29.06.2018	Jul 18	11.10.2018	REC			2112296.33				190106.67	2302403.00		
	Const. of Increasing Capacity (1x40 + 1x40) MVA (1x40 + 1x20) MVA at 132 KV S/S Awas Vahas Mtd Ag. No. 202/18-19 dt 07.08.18	265.67	22.12.2018	Jan 19	11.10.2019	REC			4371147.71				991401.29	4764551.00		
	Const. of Special MBR Control Room Building at 132 KV S/S Karch Road Mtd Ag. No. 202/18-19 dt 08.07.18				30.10.2018				1181325.69				111809.31	1354135.00		
	Const. of 1x10MVAR Cap. Bank at 132 KV S/S Thakurdwara Mtd Ag. No. 137/18-19 dt 13.12.18				31.10.2019				2345823.85				211124.15	2556948.00		
	Const. of 1x10MVAR cap. Bank at 132 KV S/S Bham Mtd Ag. No. 196/18-19 dt 09.01.19				31.01.2020				1881095.43				170018.98	2051114.00		
	Supply of 1x10 AC Inverter with 180 AH 12 volt Battery at ETD - Moradabad	8.00%	15.01.2020	Feb-20	21.05.2020	O&M			205748.00				2552.40	28131.40		
	Const. of 2x10 MVAR cap. bank at 132 KV S/S Karch Road Moradabad Ag. No. 139/18-19 dt 11.12.18				31.03.2020	REC			1730716.70				135712.80	4065849.00		
	132kv 10 MVAR Capacitor Bank - O3 nos at 132kv Awas Vahas (O2 nos) & Thakurdwara (O1 nos) Shreeem Make				11.03.2020				6493019.08				620371.72	7513390.80		
	Work of Erection of 10 MVAR Capacitor Bank at 132 KV S/S Gulabpura, Moradabad	22.71	24.09.2018	Dec 18	01.10.2018	REC			2891280.92				260395.28	3153676.20		
	Work of Erection of 10 MVAR Capacitor Bank (CB-302) at 220 KV S/S Maheta, Moradabad	22.78	30.03.2019	Jun 19	25.04.2019	PSDF			2689853.52				242086.82	2931940.34		
	Work of Erection of 10 MVAR Capacitor Bank - III (CB-302) at 220 KV S/S Maheta, Moradabad	19.77	07.08.2019	Apr 19	24.08.2019	REC			2629969.96				236139.10	2862129.06		
	Work of Erection of 63 MVA T/F at 132 KV S/S Gulabpura, Moradabad	4.14	25.11.2019	Jan 19	02.12.2019	O&M			18112984.71				1631998.62	1976495.33		
	On account of Civil Work vide ATD No 09/19-20 dt 01/02/20				11.01.2020				1722886.24				159949.26	1888446.00		
	On account of Civil Work vide ATD No 17/19-20 dt 01/02/20				31.01.2020				1629025.69				184452.31	178478.00		
	On Adjusting of Mtr. booked in the name of M/s (M.C. Ltd.) on account of construction of 132 KV D/C Agwanpur Amroha (Line) on behalf of Reconciliation Report and the capitalization of same	32.43 (%)	14.10.2015	Jul 16												
	Work of Replacement of O2 Nos 245 KV SF-6 CB at 220 KV S/S Maheta Moradabad	1.92	28.02.2020	Apr 20	17.03.2020	PSDF			3017780.38				271400.73	3311180.61		

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 (मनोज सिंह)
 अध्यक्ष अभियन्ता
 राज्य निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र० पा० द० न० ०८०८०

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/LOI Issue Date	Scheduled Commencement Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in FY 2019-20					Remark/Reason of delay, if any.
						Name Source Scheme	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expenses Capitalized	Other	Total	
22	Work of replacement of 50 MVAR gasket reactor and auxiliary structure		date of start 03-05-2019		20-02-2019	CBAM		2107244.86		147507.14		2254752.00	
23	Civil Works				01-03-2019			11211116.82		784778.18		11995895.00	
24	Work of Erection & Commissioning of 240 MVA T/F	10.11	03-05-2019	05/2019	27-05-2019	REC	7.09	80199653.78		5611889.74		85781743.54	
25	Erection of 10 MVAR Capacitor Bank at 132 KV S/S Chandpur				29-09-2019			0.00		0.00		0.00	
26	Crop Comp. of 132 KV Nehruv. Substation Line				21-07-2019	REC	00475789	18379.00		1655.57		20026.57	
27	Const. of 132 KV Nehruv. (400 KV) Moma/Bypur Line	5033.78			15-06-2019	PFC	88103079	401367.90		86119.11		420107.01	
28	Crop Comp. of 132 KV Nehruv. Moma Line	2279.02			26-12-2019	PFC	88103065	235260.00		22173.40		256433.40	
29	Const. of 132 KV S/S Moma	2278.45			18-01-2019	PFC	88103065	91971.49		28774.12		148465.62	
30	Erection of 10 MVAR Capacitor Bank at 132 KV S/S Chandpur		14-06-2019		18-01-2019	PNB		235927.00		21233.43		257160.43	
31	Replacement of 33 KV Bus Bar Doubling at 132 KV S/S Bypur				04-02-2019	M&R		0.00		0.00		0.00	
32	Erection of 10 MVAR Capacitor Bank at 132 KV S/S Bypur	26.00	18-01-2019		11-01-2019	P&C		155800.00		13984.20		169784.20	
33	Replacement of 33 KV Bus Bar Doubling at 132 KV S/S Chandpur		02-03-2019		19-04-2019	M&R		349579.00		10741.75		360320.75	
34	Const. of 07 No. Type III, 07 No. Type II & 08 No. Type I at 132 KV S/S Bypur Ag. No. 126/18-19 dt 30-08-18				11-10-2019			1864011.94		167763.06		2031775.00	
35	Const. of fire protection wall at 132 KV S/S Khatpur Bypur Ag. No. 104/18-19 dt 07-08-18				11-10-2019			568584.40		51172.00		620756.40	
36	Const. of Special M&R of Road treatment/Repairing tiles at 132 KV S/S Bypur Ag. No. 179/18-19 dt 20-01-19				11-10-2019			944332.00		84988.48		1029320.48	
37	M&R of main wire building at 132 KV S/S Chandpur Bypur Ag. No. 47/17-18 dt 08-02-18				11-10-2019			1295066.06		108455.94		1403522.00	
38	Const. of 02 No. 132 KV Bay at 132 KV S/S Khatpur Bypur Ag. No. 87/18-19 dt 31-05-18	1.68	06-09-2018		11-01-2020	REC	47116.95	1541744.04		118711.96		1679956.00	
39	Replacement of 33 KV Bus Bar Doubling at 132 KV S/S Chandpur		12-02-2019		31-01-2020	M&R		176040.90		15841.64		191882.54	
40	Spray Painting of 40 MVA T/F at 132 KV S/S Moma				11-01-2020	PFC	88103065	91804.00		4262.36		100366.36	
41	Replacement of switch at 132 KV S/S Tapat				11-01-2020	PFC	88103065	78020.00		2520.00		80520.00	
42	Reinforcement of 132 KV Line				12-01-2019			468832.75		471947.35		940780.10	
43	Replacement of damaged 160 MVA T/F with New 160 MVA T/F at 400 KV Sub Station, Mustaffanagar		23-04-18	11-04-18	28-Aug-19	IR		49125838.00		3872808.38		52798646.38	
44	Construction of Residence (4 Nos Type II) at 400 KV S/S Jolly Road, Datt Mustaffanagar	5740000.00	43784	43436	01-Nov-19	IR		6372037.21		4740487.61		6710793.82	
45	Civil Works for Construction of foundation for 132 KV Jolly Road Bay at 400 KV S/S Jolly Road, Mustaffanagar	6,16,000.00	43771	43800	29-Nov-19	REC		384854.00		26179.78		481733.78	
46	Civil Works for Construction of foundation for replacement of 230/132 KV 160 MVA Transformer at 400 KV S/S Jolly Road, Mustaffanagar	5,85,000.00	43770	43830	30-Dec-19	IR		616490.00		43189.40		664679.40	

(मनोज सिंह)
अधीक्षण अभियन्ता
समय निर्देशक (नियोजन एवं बाणियज)
उ०प्र०पा०द्वारा काठिल

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/ID Issue Date	Scheduled Commissioning Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in FY 2019-20					Remarks / Reason of delay if any.
						Name Source Scheme	Amount Of Loan Sanctioned	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
47	Work of re-routing of tower no. 429 of 400KV Vishnupurag Madhaffargur Line		43769	43889	27 Feb-2018	SH		1694285.00		1189319.95		1817964.95	
48	Construction of 33 KV Jogampur bay at 132 KV S/S Hajababad	22.85.000	17.08.2014	05.10.2014	03.10.2015	Deposited		16286.00.00		244294.50		1877924.50	
49	Constn. of 132 KV Switch bay at 132 KV S/S Hajababad	90.00.000	11.04.2016	12.04.2017	12.04.2017	FFC		1988.00		178.92		2166.92	
50	Construction of 33 KV Bagdad Ansur bay at 132 KV S/S Dhampur		15.01.2018	04.04.2018	04.04.2018	Deposited		9168.12.70		137574.90		1054357.60	
51	Construction of 33 KV Akbarpur Chaugava bay at 132 KV S/S Hajababad	21.96.000	11.04.2018	27.04.2018	27.04.2018	Deposited		158845.00		81816.75		642671.75	
52	Constn. work of 132 KV S/S Shertol	16.62.00.000	28.01.2017	14.06.2018	13.08.2018	FFC - 88101110		66965.135.00		8026880.15		77992215.15	
53	Work of replacement of obsolete 145 KV Circuit breaker of kutdwar bay at 132 KV S/S Hajababad	49.500	27.07.2017	21.11.2018	23.11.2018	FFC M		58410.00		5256.90		63666.90	
54	Work of Shifting/Height raising of towers of 132 KV Nehaur Kalagurh DC line due to badening of line 74	1.82.74.000	15.11.2017	24.11.2018	24.11.2018	Deposited		1099181.00		254907.45		1954790.45	
55	Replacement work of 220 KV Circuit breaker at 220 KV S/S Nehaur	95.860	20.11.2017	27.11.2017	06.02.2018	OSBM		111115.00		80180.35		123295.35	
56	Constn. of 20 MVA T/F @ 132/132 KV bay at 132 KV S/S Aligarh	2.00.000	25.11.2018	27.03.2019	27.03.2019	REC		18364.8.00		16527.96		20021.96	
57	Constn. of 250 KVA Station T/F at 132 KV S/S Aligarh	1.00.000	25.11.2018	27.03.2019	27.03.2019	REC		10442.6.00		9396.34		11382.4.34	
58	Work of installation of 20 MVA T/F @ 132 KV S/S Aligarh	4.90.770	25.11.2018	27.03.2019	27.03.2019	REC		58666.1.00		52799.45		63965.45	
59	Constn. of 132 KV bay at 132 KV S/S Nagma included in Line 10		04.12.2018	25.01.2019	25.01.2019	REC		158799.00		14291.91		173090.91	
60	Work of shifting of 250 KVA station T/F & 145 KV Bus rougher at 132 KV S/S Aligarh	1.00.000	25.11.2018	27.03.2019	27.03.2019	REC		92928.00		8163.12		101291.12	
61	Increasing capacity work from 2420 to 3820 MVA T/F at 132 KV S/S Aligarh	1.00.000	25.11.2018	27.03.2019	27.03.2019	REC		86596.00		7793.64		94389.64	
62	Work of erection 10 MVA capacitor bank at 132 KV S/S Dhampur	1.20.000	25.02.2019	15.03.2019	15.03.2019	REC		11628.7.00		10461.81		12675.51	
63	Work of erection 10 MVA capacitor bank at 132 KV S/S Nagma	1.20.000	20.01.2019	09.03.2019	09.03.2019	REC		13211.8.00		11938.62		14427.42	
64	Constn. work of Relay panel time synchronization at 220 KV S/S Nehaur	2.00.000	08.04.2019	20.04.2019	20.04.2019	OSBM		275413.00		21186.90		256599.90	
65	Constn. of 132 KV Nehaur (400 KV) Nagma line	10.28.34.000	07.07.2018	05.04.2019	05.04.2019	REC		1254268.00.80		1128841.4.70		136715245.8	
66	Constn. of 132 KV Nehaur (400 KV) Hajababad line	14.48.00.000	11.04.2016	12.04.2019	12.04.2019	REC - 88103079		94164.00		8474.76		102638.76	
67	Work of replacement of 36 KV VCB at 132 KV S/S Nagma	2.00.000	18.05.2019	18.05.2019	18.05.2019	OSBM		18551.8.00		16496.62		20221.4.62	
68	Replacement of 110 V battery set at 132 KV S/S Aligarh	4.50.000	28.05.2019	28.05.2019	28.05.2019	OSBM		445138.00		40080.42		485418.42	
69	Work of providing & fixing of Dome & static cameras for surveillance system at 132 KV S/S Aligarh	4.89.746	01.05.2019	10.05.2019	10.05.2019	OSBM		527900.00		53011.00		639911.00	
70	Work of shifting conductors/towers of 220 KV Nehaur Mat aur line (Tower no. 124 to 126)	1.70.568	21.05.2019	18.06.2019	18.06.2019	OSBM		127968.00		15351.00		148519.00	
71	Constn. work of shifting of conductor of 220 KV Nehaur Mat aur line on combined tower no. 1 of 220 KV Mat aur Nehaur & Mat aur Chaur lines	2.81.150	06.06.2019	18.06.2019	18.06.2019	OSBM		112028.00		27982.52		361910.52	

अर्जुन सिंह

 अर्जुन अनियन्ता

 सन्वद्ध निदेशक (नियोजन एवं वाणिज्य)

 उ०प्र०प०ट्रा०क०वि०

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/ACI Issue Date	Scheduled Commencement Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in F.Y. 2019-20					Remark/Reason of delay if any.
						Name Source	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
72	Work of providing & fixing of steel (bullet) IP cameras at 132 KV S/S Nagda	5.16.000	28.06.2019	01.07.2019	01.07.2019	DEAM		662.847.00		99619.78		772061.78	
73	Work of replacement of Gask of 30 MVA / Transformer at 132 KV S/S Aligarh	2.97.400	28.06.2019	04.07.2019	04.07.2019	DEAM		150917.00		11581.88		162515.88	
74	Constn. work of fabrication & fixing of anti climbing device at 110 KV of 132 KV Dhampur-Talagarh DC line at 132 KV S/S Shikhar	1.94.000	20.06.2019	01.07.2019	01.07.2019	DEAM		27.8979.00		20608.11		299587.11	
75	Work of replacement of 145 KV CT 800/400/1 A & 145 KV CT 400/200/1A at 220 KV S/S Noida	1.30.163	06 & 16.04.2019	06 & 16.04.2019	06.04.2019	DEAM		110161.00		77914.67		188075.67	
76	Const. of 01 No. 132 LV bay & 1x10 33 LV bay & 01 No. 20 MVA / S Plinth at 132 LV S/S Aligarh Dhampur Ag. No. 69/17.18 dt 16.03.18	Works done by civil division.			31.10.2019		1481785.00			151360.68		1633145.68	
77	Const. of approach road at 132 LV S/S Shikhar				31.10.2019		4472889.91			407560.09		4875450.00	
78	Const. of 01 No. Type I & II Wiremen's at 220 KV				31.10.2019		1873408.74			16806.74		2040015.00	
79	Replacement work of 33 KV Tripole feeder control relay panel at 132 KV S/S Nagda	1.14.000	07.11.2019	07.11.2019	07.11.2019	DEAM		125980.00		29138.20		155118.20	
80	Work of replacement of 11 KV VCB of Khundal Bay at 220 KV S/S Noida	2.23.000	18.01.2020	19.01.2020	19.01.2020	DEAM		213477.00		19212.93		232689.93	
81	Work of replacement of 11 KV VCB of Noida Bay at 132 KV S/S Noida	2.97.000	09.01.2020	09.01.2020	09.01.2020	DEAM		287120.00		25840.80		312960.80	
82	Work of stringing of ACSB rebar conductor at river crossing tower of 220 KV Noida-Matara	1.22.000	02.11.2020	02.11.2020	02.11.2020	DEAM		1917478.00		17273.11		2090251.11	
83	Const. of 132 LV S/S Shikhar Ag. No. 56/04 SD.	Works done by civil division.			31.01.2020		16608207.14			1494738.64		18102946.00	
84	Const. of 1x10 MVAR cap Bank at 132 LV S/S				31.01.2020		1724755.05			155277.95		1879983.00	
85	Const. Of special revetment work for protection of tower at Ganga river crossing Haripur Village tower No. 130 (A+C) of 220 LV M.A. and Noida Line Dhampur Ag. No. 283/18.19 dt 06.08.19				31.01.2020		14982126.15			1348195.85		16330522.00	
86	Special M&E work of CRB at 132 KV S/S Aligarh				31.01.2020		300940.37			63084.63		363925.00	
87	Replacement work of 145 KV CVT of 220 KV Noida-Matara Bay at 220 KV S/S Noida	12.83.636	09.01.2020	06.02.2020	06.02.2020	DEAM		1140211.00		107618.99		1247829.99	
88	Constn. of 40 MVA capacitor bank at 220 KV S/S Noida	10.000	24.07.2018	26.07.2018	26.07.2018	REC		11709.00		1053.81		12762.81	
89	Replacement work of 245 KV Circuit breaker of 220 KV Noida-Matara Bay at 220 KV S/S Noida	12.36.785	04.02.2020	15.03.2020	15.03.2020	DEAM		1140925.00		307683.75		1448608.75	
90	Const. of 1x10 MVAR cap bank at 132 LV S/S Nagda Bort Ag. No. 193/18.19 dt 02.01.19	Works done by civil division.			31.01.2020		1890674.31			170160.69		2060835.00	
91	Installation of Air Conditioner at 220 KV S/S Sahibabad	15.57	10.11.2016	15.12.2016	15.12.2016	DEAM		1771504.00		159415.36		1930919.36	
92	Const. of 220 KV Noida-Matara Vihar Line	28.71	12.08.2016	12.04.2018	12.04.2018	REC		20790.00		1871.10		22661.10	
93	220 KV S/S Mandola Vihar	92.14	06.08.2016	06.08.2018	06.08.2018	REC		6704717.00		603474.53		7308141.53	
94	Installation of Capacitor Bank at 2x10 MVAR at 220 KV S/S Line	153.53	24.01.2019	29.06.2019	29.06.2019	REC		5499686.00		494971.74		5994657.74	
95	Const. of 220 KV Line of Noida-Matara Line	12.44	15.08.2016	24.07.2018	24.07.2018	REC		423601.00		38124.22		461725.22	
96	220 KV S/S Mandola	71.87	12.10.2015	18.08.2018	18.08.2018	REC		145140.34		13002.63		158142.97	
97	Installation of Capacitor Bank at 1x10 MVAR at 132 KV S/S Kanha Upvan	67.32	18.01.2019	30.03.2019	30.03.2019	REC		113318.00		10196.62		123514.62	

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अधीक्षक अभियन्ता
समाप्त निदेशक (नियोजन एवं वाणिज्य)
उपसंचालक निदेशक

Capitalization Detail For F-Y 2019-2020																
Sl.No.	Name of Substation/Line	Estimated Cost(In Rs.)	Date of Start/ACI Issue Date	Scheduled Commencing Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in FY 2019-20					Remarks/Reason of delay if any.	Remarks/Reason of delay if any.		
						Name Source Scheme	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total				
98	Installation of Capacitor Bank at 1x10 MVAR at 132 KV S/S Vashah	140.21	20.02.2019	26.04.2019	26.04.2019	SR, REC		5122046.93		460786.22		5582813.15				
99	Civil Work For Construction of Tubewell Boring and Submersible Pump at 132 K.V. S/S Mohan Nagar, Ghazabad			26.04.19	26.04.19			964120.00		88170.80		1052790.80				
100	Construction of Cable Trench Cover in 220 K.V. Switch Yard and Misc. (and Work at 220 K.V. S/S Mori (Erethar) Ghazabad			27.05.19	27.05.19			3127992.00		263519.28		3391511.28				
101	Civil Work for Construction of Security Wall From 33 K.V. Yard at 220 K.V. S/S Mori, Ghazabad			20.05.19	20.05.19			4210113.00		378810.17		4588923.17				
102	Civil Work for Roof Treatment of Control Room Building at 220 K.V. S/S Sahibabad, Ghazabad			14.05.19	14.05.19			704754.00		63382.85		768136.85				
103	Civil Work for Construction of Oil No. BCU at 220 K.V. S/S Mori (Erethar) Ghazabad			08.05.2019	08.05.2019			1411746.00		139617.14		1551363.14				
104	Construction of Cable Trench Cover in 132/33 K.V. Switch Yard and Misc. Civil Work at 220 K.V. S/S Mori (Erethar) Ghazabad			12.06.19	12.06.19			1311120.00		294000.80		1605120.80				
105	Civil Work for Maintenance and Repair of ETO for Office at 132 K.V. S/S BSA Road, Lal Kuan, Ghazabad			08.06.19	08.06.19			1414909.00		127461.81		1542370.81				
106	Installation of Capacitor Bank at 2x10 MVAR at 220 KV S/S Sahibabad	132.38	02.06.2019	01.07.2019	01.07.2019	SR/REC		4518274.00		404640.16		4922914.16				
107	Construction of Tubewell Boring and Water Supply Pipe Line at 220 K.V. S/S Loni, Ghazabad			22.07.19	22.07.19			8175000.00		7036178.00		15211178.00				
108	Const. of 220 KV Line of Mutshagar Bagga Line at Mandola Vihar	22.91	12.12.2016	22.08.2019	22.08.2019	SR		11971942.00		10776274.78		13048619.78				
109	Construction of G2 No. Free Wall and G3 No. Oil Pit at 220 K.V. S/S Mori (Erethar) Ghazabad			14.06.19	14.06.19			2078961.00		180976.49		2259937.49				
110	Construction of Civil Work for 2x10 MVAR Capacitor Bank at 220 K.V. S/S Sahibabad, Ghazabad			11.06.19	11.06.19			9900999.00		753062.91		10654061.91				
111	Civil Work for Construction of Open Store at 220 K.V. S/S Mori (Erethar) Ghazabad			08.08.19	08.08.19			2424584.00		218212.56		2642796.56				
112	Construction of Open Store at 220 K.V. S/S Sahibabad, Ghazabad			07.08.19	07.08.19			2582524.00		227747.16		2750271.16				
113	Construction of Civil Work for 1x10 MVAR Capacitor Bank at 132 K.V. S/S Kanka Upvan, Ghazabad			17.09.19	17.09.19			1914481.00		172303.47		2086784.47				
114	Construction of Civil Work for 2x10 MVAR Capacitor Bank at 132 K.V. S/S Vashah, Ghazabad			23.09.19	23.09.19			4407999.00		418719.55		5026718.55				
115	Construction of 160 MVA Transformer Bay Reth and Related Civil Work at 220 K.V. S/S Mori (Erethar) Ghazabad			07.09.19	07.09.19			6615576.00		585809.84		7201385.84				
116	Increasing Capacity of 132 KV S/S Mohanagar (2x40+1x20 MVA 132/33 KV + 1x12.5 MVA 132/33 KV) to 13x40+1x20	479.22	02.11.2019	29.11.2019	29.11.2019	REC		17993064.70	304779	1647779.80		19640844.50				

(प्रवीण सिंह)
 अध्यक्ष अनियता
 समन्वय निदेशक (नियोजन एवं वित्तिय)
 उद्योग विभाग, जालंधर

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/ACI Issue Date	Scheduled Commencement Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in F.Y. 2019-20					Remark/Reason of delay if any.
						Name Source Scheme	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
117	Construction of Civil Work for 2x10 MVAR Capacitor Bank at 220 K.V. S/S Jm. Ghazabad			05.11.2019	05.11.2019			2971886.00		447469.74		5419355.74	
118	Civil Work for Construction of Drain at 132 K.V. S/S E. Amba Tapan, Ghazabad			27.12.19	27.12.19			2072930.00		182061.70		2204991.70	
119	Increasing Capacity of (2x63 + 1x40 MVA, 132/33) to (3x63 MVA, 132/33 KV) at 220 KV S/S Sahasabad	411.01	25.12.2019	14.01.2020	14.01.2020	IR/REC		75497301.00	42525.10	7794757.09		12044548.09	
120	Civil Work for Increasing Capacity from (2x63 + 1x40) to (3x63) MVA at 220 K.V. S/S Sahasabad, Ghazabad			20.01.2020	20.01.2020			6677161.00		900962.49		7778123.49	
121	Increasing Capacity of 1x160 to 2x160 MVA at 220 KV S/S Moti	814.97	15.12.2019	20.02.2020	20.02.2020	REC		54808510.00	7281676.51	4912765.90		67027952.41	
122	MC/RTC (588 MVA, 132)	4.44	02.01.2020	06.02.2020	06.02.2020	DEPOSIT		21375758.00		1205361.70		24587121.70	
123	11 KV Tala steel sb	31.5	01.02.2020	19.02.2020	19.02.2020	DEPOSIT		1041104.00		156165.60		1197269.60	
124	MC/RTC (588 MVA, 220)	4.44	02.01.2020	22.02.2020	22.02.2020	DEPOSIT		25784884.00		1797657.60		29077041.60	
125	Extension of Switch Yard with 03 No. 33 K.V. Bay & Strengthening of 17/ at 132 K.V. S/S Moti Nagar, Ghazabad			29.02.2020	29.02.2020			4811347.00		433021.23		5744368.23	
126	Scrap of building			31.01.2020	31.01.2020			6127412.84		551867.14		6678880.00	
127	Installation of E. Multiplier & Hydrant System at 220 KV S/S Moti	88.65	26.07.2017	20.11.2017	20.11.2017	DBM		10997317.00		962908.51		11654625.51	
128	AGR NO 132 DT 09 09 2016 TENDER NO. T-14/ETC/GZB/16-17 FOR SHIFTING OF 400KV MURADNAGAR DADRI LINE'S M/S UMAMALA ENGINEERS PVT LTD SOCHI	94.14	06.07.2017	31.01.2017	31.01.2017	DB		2937365.80		205615.61		3142981.41	
129	SHIFTING OF 400 KV MURADNAGAR DADRI LINE	10.41	21.01.2017	31.01.2017	31.01.2017	DB		97576.17		6826.85		104351.22	
130	AGR NO 05 DT 29.06.17E TENDER NO. T-14/ETC/GZB/17-18 FOR ERECTION OF DC TYPE TOWER BETWEEN LONG SPAN OF 220KV MURADNAGAR MADOPURAM SC LINE ON TURNKEY BASIS M/S ASHUTOSH ENTERPRISES	94.08	01.07.2018	09.09.2018	09.09.2018	DB		6875937.00		618833.07		7494756.07	
131	AGR NO 09/ETC/GZB/ DT 14.03.18 TENDER NO. T-14/ETC/GZB/17-18 FOR INSTALLATION OF SC/DC TYPE TOWER BETWEEN LONG SPAN OF 220KV MURADNAGAR MUZAFFARNAGAR LINE OF TURNKEY BASIS M/S KUMAR TRADING COMPANY & RAJESH MAN	99.21	10.10.2018	16.10.2018	16.10.2018	DB		1846577.00		269260.06		4115837.06	
132	AGR NO 50 DT 26.10.2017 E TENDER NO. T-14/ETC/GZB/17-18 FOR REPLACEMENT OF A TYPE TOWERS BY C TYPE TOWERS ALONG WITH CONDUCTOR OF 220KV MURADNAGAR THURGA DC LINE ON TURNKEY BASIS M/S AGAD ELECTRICAL & FABRICATORS	91.78	08.10.2018	13.10.2018	13.10.2018	IR		915428.00		82388.52		997816.52	
133	AGR NO 06 DT 29.06.17E TENDER NO. T-14/ETC/GZB/17-18 FOR ERECTION OF DC TYPE TOWER BETWEEN LONG SPAN OF 220KV MURADNAGAR DHURGA DC LINE ON TURNKEY BASIS M/S KUMAR TRADING COMPANY	68.23	01.11.2018	08.11.2018	08.11.2018	IR		6008826.00		540794.34		6549620.34	

अधीक्षक अभियन्ता
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उपसहायक निदेशक

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/ADB Issue	Scheduled Commencing Date	Commercial Operation Date (As per actual)	Source Of Fund		Capitalization in FY 2019-20					Remarks/Reason of delay if any.
						Name Source Scheme	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
134	AGR NO 58 DT 07.12.2017 TENDER NO. T-15/ETC/GZB/17-18 FOR ERECTION OF DC TYPE TOWER BETWEEN LONG SPAN OF 220 KV MURADNAGAR KHURIA LINE M/S ASHUTOSH ENTERPRISES	10.14	01.11.2018	08.11.2018	08.11.2018	18		2179889.00		217988.01		2397877.01	
135	CIVIL WORK FOR REPAIR AND PAINTING WORK OF CBB AT 220 KV S/S FARID NAGAR (GZB)			04.04.19	04.06.19	Civil Work		1158971.00		107948.79		1266919.79	
136	SUPER VISION SERVICE FOR ERECTION & COMMISSIONING OF 220 KV/AUTO TRANSFORMER SUPER VISION SERVICE OF 01 NO. 220 KV/AUTO TRANSFORMER S/L NO. 30460RD, SUPPLIED TO 220 KV S/S ETD MURADNAGAR OF M/S UPPCL (L.G.) NO. 13/ETC/GZB/18-19 NO. 220 KV S/S UNDER ETD MURADNAGAR (T-23/ETC/GZB/18-19 NO. 23/ETC/GZB/DT-06.02.2019)	284.98	04.01.2019	14.02.19	14.02.2019	ETC		876784.00		87730.56		964514.56	
137	REPLACEMENT OF 150 KV/A/T BY 200KV I/F AT 220 KV S/S MURADNAGAR (T-25/ETC/GZB/18-19 NO. 196/ETC/GZB/DT-03.01.2019)	629	14.01.2019	14.02.19	14.02.19	ETC		1265777.00		119915.41		1385692.41	
138	Const. of 220 KV Hapur Farid Nagar SC Line load@9%	1441	29.02.2016	13.04.19	13.04.19	ETC		5748306.40		5171475.51		62656536.91	
139	Const. of 220 KV Hapur Farid Nagar Line	1441	29.02.2016	13.04.19	13.04.19	ETC		61095927.00		2741694		69180519.41	
140	ERECTION OF DC TYPE TOWER BETWEEN LONG SPAN OF 220 KV MURADNAGAR MODPURAM UNDER MURADNAGAR (T-42/ETC/GZB/17-18 NO. 64/ETC/GZB/T-42/17-18 DT. 13.12.2017)	41.21	24.01.2020	01.02.2020	01.02.2020	ETC		1712798.00		158151.87		4044949.87	
141	AGR NO 130 DT 05.10.2018 TENDER NO. T-15/ETC/GZB/18-19 FOR THE WORK OF PROVIDING INSTALLATION OF C-6 TOWER S/L NO. 354 OF 132 KV MODSTEEL LOHYANAGAR LINE M/S JAGAD ELECTRICAL & FABRICATORS JE JAGDISH SINGH SAHNI	95	08.01.2019	30.04.2019	30.04.2019	ETC		2981576.83		258341.91		3239918.74	
142	AGR NO 109 DT 05.10.2018 TENDER NO. T-15/ETC/GZB/18-19 FOR THE WORK OF PROVIDING INSTALLATION OF C-6 TOWER S/L NO. 354 & 104 OF 132 KV MODSTEEL LOHYANAGAR LINE M/S JAGAD ELECTRICAL & FABRICATORS JE JAGDISH SINGH SAHNI	95	08.01.2019	30.04.2019	30.04.2019	ETC		2611946.00		216675.14		2828621.14	
143	ALL KINDS OF ELECTRICAL GOODS & HARDWARE FITTINGS, ERECTION OF 220/132/33 KV SUB STATIONS, (INSTALLATION OF 33KV 10 MVAR CAPACITOR BANK) 32 KV S/S NWARI ROAD MODSTEEL UNDER ETD MURADNAGAR (ISHR) BROTHERS, (GZB)	284.98	27.01.2019	30.04.19	30.04.19	ETC		411080.00		16.94.20		459677.20	




 अवीश्वर अनियन्ता
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 उ०प्र०फ०द०का०लि०

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/LOI Issue Date	Scheduled Commencement Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in F.Y. 2019-20					Remarks/Reason of delay if any.
						Home Source	Amount Of Loan Sanctioned	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
144	CONSTRUCTION OF 01 NO. 13 KV BAY AT 220 KV S/S FARIDNAGAR GZB			05.04.19	05.04.19	CIVIL WORK		188030.00		16927.70		204957.70	
145	CONSTRUCTION OF CIVIL WORK FOR INCREASING CAPACITY (2X160+1X200 MVA) @ (11+160+2X200 MVA) AT 220 KV S/S MURADNAGAR GZB			11.04.19	11.04.19	CIVIL WORK		1796383.00		161674.47		1958057.47	
146	CONSTRUCTION OF CIVIL WORK OF ONE NO. 132 KV BUS COUPLER BAY AT 132 KV S/S FARIDNAGAR GZB			01.04.19	01.04.19	CIVIL WORK		181749.00		16167.41		198106.41	
147	CONSTRUCTION OF NEW SECURITY HUT AT 132 KV S/S MIDAH STEEL NAGAR, GZB			20.04.19	20.04.19	CIVIL WORK		218617.00		19116.88		219948.88	
148	CONSTRUCTION OF STEEL STAGING TANK WITH WATER STORAGE TANK AT 220 KV S/S FARIDNAGAR GZB			27.04.19	27.04.19	CIVIL WORK		1207861.00		108662.67		1316523.67	
149	132 KV MC TYPE NARROW BASE TOWER INCLUDING STUBS ERECTION	22	02.04.2019	09.05.2019	09.05.2019	IR		1948161.00		177152.49		2125313.49	
150	120 KV POLYMER INSULATOR FOR TENSION TOWER	2	02.04.2019	09.05.2019	09.05.2019	IR		127796.00		11456.64		139252.64	
151	REPLACEMENT OF 220 MAIN BUS FROM SINGLE CONDUCTOR TO TWIN CONDUCTOR AT 220 KV MURADNAGAR	60	17.03.2019	09.05.2019	09.05.2019	IR		5083448.00		457600.32		5541048.32	
152	CONSTRUCTION OF OFFICE FOR ETD DIVISION MURADNAGAR SUB DIVISION AT 220 KV S/S MURADNAGAR, GZB			01.05.19	01.05.19	CIVIL WORK		7650675.00		688557.15		8339232.15	
153	CONSTRUCTION OF PARTITION WALL AND VEHICLE PARKING OF DIVISION OFFICE AT 220 KV S/S MURADNAGAR, GZB			01.05.19	01.05.19	CIVIL WORK		569731.00		51275.79		620006.79	
154	220 KV S/S FARIDNAGAR, Construction of New Bay	26.4	28.11.2019	30.11.2019	30.05.2019	IR		180968.00		16261.92		196949.92	
155	220 KV MURADNAGAR MIDAH ROAD LINE M/S KUMAR TRADING CO. MEERUT, AG. NO. 166/ETC/GZB DT. 17.12.2018	166.69	08.01.2019	30.06.2019	30.06.2019	IR		9210877.00		828978.93		10039855.93	
156	AGR NO. 165 DT. 17.12.18 E TENDER NO. T-130/ETC/GZB/18-19 FOR THE WORK MODIFICATION OF TRANSMISSION LINE U/L OF 220KV MURADNAGAR MIDAH ROAD LINE AT FARIDNAGAR LINE INFRINGING IN NCRTC CORRIDOR M/S KUMAR TRADING COMPANY I.E. SURVEY VERMA	143.82	08.01.2019	30.11.2019	30.05.2019	IR		7309181.29		1096396.69		8405577.98	
157	132 KV S/S MURADNAGAR - NEWARI ROAD TR. LINE, ORDER NO. T-133/18-19 AG. NO. 168 M/S KUMAR TRAD. CO., NCRTC	195.57	06.01.2019	30.06.2019	30.06.2019	DEPOSIT		239026.00		15481.00		254507.00	
158	AGR NO. 251 DT. 30.03.2017 TENDER NO. T-321/ETC/GZB/16-17 FOR DISMANTLING AND RE-INSTALLATION OF EQUIPMENTS INSTALLED IN PUMP ROOM ACCORDING TO HEAVY CONSTRUCTED WATER TANK ALONG WITH INSTALLATION OF WATERFIRE SYSTEM ON 160 MVA I/F AT 220 KV S/S FARIDNAGAR M/S SAGAD ELECTRICAL & FABRICATORS I.E. SURVEY VERMA	12.5	25.01.2019	30.07.2019	30.07.2019	REC		1202661.00		108239.49		1310900.49	

मनोज सिंह
अधीक्षक अभियन्ता
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख, जल विभाग

		Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/AGI Issue Date	Scheduled Commencement Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in FY 2019-20					Remarks/Reason of delay if any.		
						Name Source Scheme	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total			
159	160 MVA T/F AT 220 KV S/S FARIDNAGAR	400.84	25.03.2019	30.07.19	30.07.19	REC		54115710.00		7366352	4870411.90		66952475.90		
160	AGR NO.167 DT 17.12.18 E TENDER NO. T-112/ETC/GZB/18-19 FOR THE WORK MODIFICATION OF TRANSMISSION LINE 220KV SINGLE CIRCUIT TO 400 KV MURADNAGAR INTERCONNECTOR LINE INFRRING IN NCRTC CORRIDOR M/S KUMAR TRADING COMPANY JE RAHUL VERMA	198.68	25.06.2019	08.07.19	08.07.19	DEPOSIT		9873743.00		1481061.85		1154804.85			
	SINGLE CIRCUIT TO 400 KV MURADNAGAR INTERCONNECTOR LINE INFRRING IN NCRTC CORRIDOR / MODIFICATION OF TRANSMISSION LINE 220KV MURADNAGAR MODPURAM LINE AT FARIDNAGAR LINE														
161	CONSTRUCTION OF 80X160 MVA T/F PLEINT WITH MARY CANTRIES AND BAY AT 220 KV S/S FARIDNAGAR, GZB	198.68	25.06.2019	08.07.2019	08.07.2019	DEPOSIT		11404194.00		2010679.10		15414823.10			
162	INSTALLATION OF 33 KV 30 MVAR CAPACITOR BANK AT 220 KV S/S FARIDNAGAR UNDER ETD MURADNAGAR T/F 25 VETC/GZB/18-19 NO. 07/5 VETC/GZB/ DT. 22.04.2019	284.98	23.04.2019	29.08.19	29.08.19	PCC		564057.00		50766.03		614833.03			
164	220 KV S/S FARIDNAGAR CAPACITOR BANK	284.98	23.04.2019	29.08.2019	29.08.2019	PCC		378747.99		26512.05		404855.00			
165	CONSTRUCTION OF CIVIL WORK FOR 80 MVA T/F AT 220 KV S/S FARIDNAGAR, GZB			01.08.19	01.08.19	CIVIL WORK		556467.00		50082.03		606549.03			
166	CONSTRUCTION OF CIVIL WORK FOR 2X10 MVAR CAP. BANK AT 220 KV S/S FARIDNAGAR, GZB			09.09.19	09.09.19	CIVIL WORK		4701553.00		423199.77		5124692.77			
167	PROVIDING AND FIXING CONCERNETINA FENCING REPAIR AND PAINTING WORK OF SECURITY WALL AT 220 KV S/S FARIDNAGAR GZB			09.09.19	09.09.19	CIVIL WORK		1676207.00		150858.63		1827065.63			
168	AGR NO.148 DT 17.12.18 E TENDER NO. T-111/ETC/GZB/18-19 FOR THE WORK MODIFICATION OF 132 KV NEWARI ROAD- MURADNAGAR LINE INFRRING IN NCRTC CORRIDOR M/S KUMAR TRADING COMPANY JE ABHISHEK SINGHAL	195.17	06.01.2019	07.10.19	07.10.19	DEPOSIT		9827077.01		1489054.05		11316081.06			
169	MODIFICATION OF 132 KV NEWARI ROAD MURADNAGAR LINE INFRRING IN NCRTC CORRIDOR	195.17	06.01.2019	07.10.2019	07.10.2019	DEPOSIT		2484675.00		1122701.25		3607376.25			
170	220 KV MURADNAGAR VC - 4 LINE	198.15	25.05.2019	21.10.2019	21.10.2019	DEPOSIT		18375473.00		2756120.95		21131593.95			

(मानव सिंह)
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 उ०प्र० पा० ०८०० का० ०१०

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/ALN Issue Date	Scheduled Commencement Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in FY 2019-20					Remark / Reason of delay, if any.
						Name Source	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
171	MODIFICATION OF 132KV HWAB ROAD MURADNAGAR LINE INFRINGING ON NRTC CORRIDOR (T-132/ETC/GZB/18-19 NO. 164/ETC/GZB/DT 17.12.2018 KUMAR TRADING CO)	195.57	06.01.2019	07.10.2019	07.10.2019	DEPOSIT		63941188.00		959158.20		7353546.20	
172	CONSTRUCTION OF 02 NO. 33 KV BAY AT 220 KV S/S MURADNAGAR GZB/			25.10.19	25.10.19	CIVIL WORK		754762.00		67929.58		822690.58	
173	132/11KV CONTINUED RELAY PANEL LINE (UNDER)	16	25.12.2019	28.12.2019	28.12.2019	REC		1157566.00		122180.94		1479746.94	
174	WORK OF 6.3 MVA T/F CB NO. 07 OF 1681	15	22.01.2020	22.01.2020	27.01.2020	REC		1168745.00		105187.05		1273932.05	
175	CONSTRUCTION OF PROTECTION WALL AT 220 KV S/S MURADNAGAR GZB			03.01.20	03.01.20	CIVIL WORK		4648981.00		418408.47		5067391.47	
176	WORK OF 40 MVA T/F AT 220KV MURADNAGAR	14	27.01.2020	02.02.2020	02.02.2020	REC		1161290.00		104516.10		1265806.10	
177	220 KV DADRIL LINE	14	02.02.2020	07.02.2020	07.02.2020	REC		1161710.00		104553.90		1266263.90	
178	AGR NO. 107/ETC/GZB/DT 05.10.18 TENDER NO. 1107/ETC/GZB/16-19 Work of Providing & Installation of Narrow Base type towers between long span of 220kv Muradnagar Interconnector & line 1475 Tag of Electrical & Fabricators to Rajul verma	96.79	15.03.2020	19.03.2020	19.03.2020	HR		11728739.00		1040286.51		12868251.51	
179	CROP COMPENSATION AT 220 KV INTERCONNECTOR -H- LINE (T-132/ETC/GZB/18-19 NO. 167/ETC/GZB/DT 17.12.18) OM NO. 4841 ETC/GZB/DT 15.11.2019	40.36	09.03.2020	19.03.2020	19.03.2020	DEPOSIT		370328.00		11329.52		403657.52	
180	INTERCONNECTOR H LINE	195.57	15.03.2020	19.03.2020	19.03.2020	DEPOSIT		3742640.00		246837.00		2994777.00	
181	220 KV MURADNAGAR (200 KV MURADNAGAR - LINE)	30890	15.03.2020	19.03.2020	19.03.2020	DEPOSIT		28340.00		2550.00		30890.00	
182	PROVIDING & INSTALLATION OF NARROW BASE TYPE TOWER BETWEEN LONG SPAN OF 220 KV MURADNAGAR INTERCONNECTOR H LINE UNDER (T.D. MURADNAGAR (T-42/ETC/GZB/18-19 NO. 182/ETC/GZB/DT 05.10.2018)	63.27	15.03.2020	19.03.2020	19.03.2020	HR		921207.00		82890.61		1008097.61	
183	ISSUED TO 220 KV INTER CONNECTOR H - 220 KV (400 KV MURADNAGAR - LINE)	96.79	19.03.2020	19.03.2020	19.03.2020	HR		11446736.00		1717010.40		13163746.40	
184	CROP COMPENSATION AT 220 KV MURADNAGAR MURADNAGAR LINE	72.41	19.03.2020	19.03.2020	19.03.2020	HR		679984.87		94452.73		778137.60	
185	NEW COMMISSIONED 132 KV TRANSFORMER BAY AND MAIN BUS AT 132 KV S/S HWAB ROAD, MURADNAGAR	30	17.12.2019	31.03.2020	31.03.2020	HR		2214574.72		199111.72		2413686.44	


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 उ०प्र० पा० ट्रा० कार्यालय

Capitalization Detail For F-Y 2019-2020														
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/LOI Issue Date	Scheduled Commissioning Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in FY 2019-20					Remarks/Reason of delay, if any.	Remarks/Reason of delay, if any.
						Name Source Scheme	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total		
186	DISMANTLING AND AUCTION OF SCRAP MATERIAL 01 NOS. OF STORE SHED AT 230KV S/S MURADNAGAR AGG NO 115/18-19/ECTC/MORDA DT 09.03.19 LOI NO 285-A DT 09.03.19 AND DISMANTLING OF 3 NOS TYPE IINO OAKOS TYPE 1ST RESIDENT IN AS AND WHERE CONDITION AND TAKING AWAY THE DISMANTLED SCRAP MATERIAL AGG NO 101/19-20/ECTC/MORDA DATED 23.01.19 LOI NO 108 DT 04.11.19 RECD BACK IN THE MCOU/2020			11.03.2020	30.03.2020			6638802.07		187856.33		6826658.40		
187	PROVIDING & FIXING OF 300 WATT 250 VOLT AC FOLLOD / BEAM TYPE LED DOWN LIGHTER WITH METAL HUSING HIGH BRIGHTNESS LED LIGHT LUMENS-20000 AND POWER FACTOR SHOULD BE MORE THAN 0.90 WITH REMOVAL LED DRIVE B		17.11.2018	22.11.2018	22.11.2018		18699.20.00			1308.38.40		19997.58.40		
188	245 KV S/CORE CT RATING CT 1000-800/500/1 HAPTACARE MAKE CT		01.06.2019	01.06.2019	01.06.2019		19899.20.00			835.74.40		20734.94.40		
189	400 KV ABB MAKE CT WITH ALL ACCESSORIES, TERMINAL CONNECTION FOR 400 KV ABB MAKE CT #		14.05.2019	15.05.2019	15.05.2019		180485.00			113453.64		293938.64		
190	245 KV S/CORE CT RATING CT 1000-800/500/1 HAPTACARE MAKE CT, TERMINAL CONNECTION FOR S/CORE 245 KV HPTACARE CT		24.04.2019	11.05.2019	11.05.2019		11749.32.00			82189.24		128938.56		
191	CIVIL WORK FOR ROOF TREATMENT OF CONTROL ROOM BUILDING AT 400 KV S/S MURADNAGAR 1, GHAZIABAD AG- 39/2019-20/ECTC/MORDA			30.05.2019	30.05.2019		250177.00			171543.97		421720.97		
192	GENUS MAKE 3 PHASE 4 WIRE 1 AMP 63.5 VOLT (ELECTRONIC METER SA. NO. UPG4380 TO 4340/ METERING CUBICALS WITH DCU B, MODEL M & ITB/ GREASE BEST QUALITY SUITABLE FOR ELECTRICAL EQUIPMENT/TERMINAL CONNECTOR MADE OF ALU ALLOY 16A 6 FOR 400 KV BHEL MAKE CT 420 KV PANTAGRAPH ISOLATOR EARTH SWITCH ALONG WITH ALL ACCESSORIES /SOLID CORE P1 (TOP)/ SOLID CORE P1 (MIDDLE)/ SOLID CORE P1 (BOTTOM)/ ROTARY INSULATOR (TOP)/ ROTARY INSULATOR(MIDDLE)/ ROTARY INSULATOR (BOTTOM) AE 1		06.06.2019	08.06.2019	08.06.2019		240700.00			109719.61		350419.61		
193	245 KV S/CORE CT RATING CT 1000-800/500/1 HAPTACARE MAKE CT, TERMINAL CONNECTION FOR S/CORE 245 KV HPTACARE CT AE #		10.06.2019	10.06.2019	10.06.2019		188154.00			27254.92		215408.92		

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उ०प्र० पा० द० का० ०१०

Capitalization Detail For F-Y 2019-2020													
SLNo.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/UG Issue	Scheduled Commissioning Date	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in F-Y 2019-20					Remark/Reason of delay, if any.
						Name Source Scheme	Amount Of Loan Sanctioned	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
194	PROVIDING AND INSTALLATION OF HYDRANTS IN THE YARD AT 400 KV S/S MURADNAGAR-I		08.07.2019	09.08.2019	09.08.2019			1215580.00		85140.60		1301720.60	
195	INSTALLATION OF DG SET CHARGES		14.09.2017	18.09.2019	18.09.2019			135000.00		9450.05		144450.05	
196	420KV PANTAGRAPH ISOLATOR EARTH SWITCH ALONG WITH ALL ACCESSORIES, SOLID CORE PILETOP, SOLID CORE PILEMIDDLE, SOLID CORE PILE BOTTOM, ROTARY INSULATOR ON INSULATOR MIDDLE INSULATOR BOTTOM) AS I		12.02.2019	22.02.2019	22.02.2019			4852740.00		104693.20		4957433.20	
197	CONSTRUCTION OF CIVIL WORK FOR 02 NO. CIRCUIT BREAKER FOUNDATION AT 400 KV S/S MURADNAGAR-I, GHAZIABAD AG-117/CTC/No.2018-19 Dt. 09/01/2019			17.02.2019	17.02.2019			2762111.00		19134.91		2953460.91	
198	245 KV SFG C.B. WITH ALL ACCESSORIES SIEMENS MAKE		06.01.2020	11.01.2020	11.01.2020			1271279.00		89024.51		1360303.51	
199	245 KV, 50 KA SFG CIRCUIT BREAKER WITH TERMINAL CONNECTOR AND ACCESSORIES OF GE T&D MAKE		15.01.2020	25.01.2020	25.01.2020			1280299.00		89620.91		1369919.91	
200	CONSTRUCTION OF REMAINING SECURITY WALL AT 400 KV S/S MURADNAGAR-I, GHAZIABAD AG No. 16/CTC/No.2019-20 Dt. 27/06/2019			05.01.2020	05.01.2020			4504808.00		315336.54		4820144.54	
201	245 KV SFG C.B. WITH TERMINAL CONNECTOR ALL ACCESSORIES ALSTOM MAKE		21.01.2020	01.02.2020	01.02.2020			1209107.00		84637.49		1293744.49	
202	245 KV 5 CORE CT RATING CT 1000-800 SQ/1 HAPTACARE MAKE CT AND IN METALIC CT CLAMP MADE OF ALLOY FOR 245 KV CT		10.02.2020	30.02.2020	30.02.2020			90840.00		27358.80		418198.80	
203	196 KV L.A. WITH TERMINAL CONNECTOR MAKE ELECTROTEC		10.02.2020	10.02.2020	10.02.2020			1086896.00		76082.72		1162978.72	
204	245 KV CVT OF GE T&D MAKE AND TERMINAL CONNECTOR AND MATCHING PLATE		10.02.2020	10.02.2020	10.02.2020			486669.00		14066.81		500735.81	
205	245 KV CVT OF GE T&D MAKE AND TERMINAL CONNECTOR FOR THIN ANODE ACSR CONDUCTOR AND 245 KV GE T&D MAKE CVT		10.02.2020	11.02.2020	11.02.2020			414180.00		28992.60		443172.60	
206	220 KV 250 AMP. CENTRAL BRIDGEMAN ISOLATOR WITH LB WITH ACCESSORIES MAKE ELECTROTEC		12.02.2020	13.02.2020	13.02.2020			149705.00		10439.35		160144.35	
207	Const. of 112kv UPSDC Faridkot line	165.8 Lacs	15.02.2017	27.05.2018	27.05.2018	REC	181 Lacs	15196675.15		1367770.74		16564375.91	
208	Capacitor Bank at U/r/r/s	66.7 Lacs	25.02.2019	15.03.2019	15.03.2019	REC/CHM	NA	2111402.24		244026.20		2355428.44	
209	20KV 220kv partapar sub at 112kv line (PSH)	1789.91 Lacs	25.09.2016	30.03.2019	30.03.2019	REC	8.842.00 Lacs	81984111.88		7378540.03		89362651.91	
210	ACSR partapar conductor of 112kv Muradnagar	97.09 Lacs	21.02.2019	01.03.2019	01.03.2019	CHM		20011253.71		1801012.79		21812266.50	
211	112kv shunt capacitor bank at 112kv line	75.27 Lacs	15.10.2019	28.11.2019	28.11.2019	Deposit		637399.13		95609.87		733009.00	
212	Height raising of 132 kv MDR DPH line ch no. 38780	411.62 Lacs	27.05.2019	28.11.2019	28.11.2019	Deposit		2375212.17		3563596.81		2730909.00	
213	Height raising of 132 kv MDR DPH line ch no. 38780	440 Lacs	27.05.2019	28.11.2019	28.11.2019	Deposit		25161680.00		1774252.00		28935932.00	
214	112kv corona cable bay at 132kv UPSDC	25.27 Lacs	27.10.2019	05.01.2020	05.01.2020	Deposit		615414.78		42372.22		708187.00	

(मनाज सिंह)
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उपप्रमुख/प्रमुख/कार्य

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (Rs.)	Date of Start/ACB Issue Date	Scheduled Commencement Date	Commercial Operation Date/Actual Date	Source Of Fund		Capitalization in F-Y 2019-20					Remark/Reason of delay, if any.
						Memo Source Scheme	Amount Of Loan Sanctioned	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
215	132 kV S/SB Line	1789.91 Lacs	25.09.2016	19.01.2020	10.01.2020	REC	8543.00 Lacs	6478066.28		578515.97		7056582.25	
216	Building Civil works			11.03.2020	11.03.2020	REC		21303013.00		1908271.17		23111284.17	
217	132 kV D/C Sector 129 Samsung line	4371	02/2018/11.01.2	Days/availability of	16.04.2018	Deposits		294907.83		448.36.17		343744.00	
218	Replacement of Disc Insulators With Polymer Insulators at 132 kV Line, Noda	67.99	04.2018/12.02.2	Days/availability of	11.12.2018	136.34		5439188.07		489544.91		5928931.00	
219	Replacement of Disc Insulators With Polymer Insulators at 132 kV Line, Noda	11.8	03.2018/06.01.2	15 days/availability	11.12.2018	O&M		1484930.81		113649.17		1618640.00	
220	Replacement of Disc Insulators With Polymer Insulators at 132 kV Line, Noda	16.5	15.11.2018	availability of S/D or 1st	11.12.2018	O&M		2894020.18		260461.82		3154482.00	
221	Replacement of Disc Insulators With Polymer Insulators at 220 kV Line, Sec. 20 Noda	13.94	19.06.2018	15 days/availability	11.12.2018	O&M		2779397.25		250185.75		3029583.00	
222	Mulund (Renovation & Replacement of Damaged Pipe Line at 220 kV S/S Sec. 20, Noda)	12	01.08.2018	90 days/availability	11.12.2018	O&M		389571.56		350601.82		740173.00	
223	Upgradation of SCADA System At 220 kV S/S Sec. 20 Noda				11.12.2018	O&M		7627714.48		211044.32		7838759.00	
224	132 kV D/C NODA (NBT) Tower Sec. 11 & Sec. 45 Line at 220 kV S/S Sec. 20	11.84	28.06.2019/08.0	180 days/availability	11.01.2019	REC 68103191		3971786.24		357440.76		4329227.00	
225	Multi-circuit Tower No. 74 Relocation to Tower No. Switchgear for U/C of 160 MVA T/F 1st	56.1	01.02.2019/19.0	120 days/availability	11.01.2019	REC		66688.78.90		100199.10		770078.00	
226	Civil Works				11.03.2019	Deposits		27910543.13		2511748.88		30428292.00	
227	Replacement of 63 MVA T/F at 132 kV S/S Substation		30.06.08.2019/11.0	30 days/availability	18.04.2019	REC 68103191		13971441.28		1752979.73		15724421.00	
228	8.8 kV of 220 kV S/S Sec. 20 Noda	12.6	01.05.2019	90 days/availability	11.05.2019	O&M		1751100.00		112599.00		1866999.00	
229	Noda BTPS Gangpur Line (U/C of Sec. 38A)	66.5	02.2019/10.12.2	Days/availability of	07.06.2019	Deposits		28110381.18		11716557.48		39826938.66	
230	Replacement of HTLS Conductor By Existing E/W at 220 kV D/C G Noda Sec. 129 line	65.32	07.05.2019/05.0	90 days/availability	15.07.2019	P&ID		1528548.75.53		137569.38.80		16661181.33	
231	Replacement of ACSR with ACSR Con. Of 220 kV Sec. 129 Line (04/27.02.19 ETCN of Steel)	649.00	05.2019/27.02.1	0 days/availability of	16.07.2019	REC 471387		69661741.97		629081	6289556.78	76560381.75	
232	Emergency R/S System (IRS) On 220 kV D/C G Noda Sec. 129 line, 220 kV G Noda Sec. 20 & 132 kV G Noda Substation (Line) Under DCCD		50.02.19.2019.10.0	Days/availability of	15.07.2019	Deposits		6640105.96		896016.04		7536272.00	
233	BTPS-Gangpur Line (U/C of Sec. 38A/19)	169.09	05.2019/10.04.2	90 days/availability	08.08.2019	REC 68103191		16504671.56		1521420.44		18026092.00	
234	Replacement of HTLS Conductor By Existing E/W at 220 kV D/C G Noda Sec. 20 Line CBT-1	65.32	07.05.2019/05.0	90 days/availability	05.08.2019	P&ID		196570213.79		17891364.28		214383858.07	
235	Reconstruction of 220 kV S/S Sec. 20 Noda	169.01	05.2019/10.0	90 days/availability	08.08.2019	REC 68103191		1412982.57		630734	128948.41	1719048.00	
236	Height Raising works of towers 220 kV D/C & AAC Monopole With Cross Arm 220 kV G Noda Sec. 129 D/C DCCB Railway Works	520	20.05.2019/16.01.2019	150 days/availability	05.08.2019	Deposits		62274635.90		9141191.01		71415797.91	
237	220 kV ULO Bay Gangpur Line at 220 kV S/S Sec. 20	169	05.2019/10.04.2	Days/availability of	08.08.2019	REC 68103191		4296542.20		3816488.80		8113030.00	
238	New 63 MVA T/F 132/33 kV Replaced at 132 kV S/S Sec. 129 Noda	20.8	15.08.2019/13.0	Days/availability of	30.09.2019	REC 47111411		28385797.85		2552921.81		30938719.66	
239	New 63 MVA T/F 132/33 kV Replaced at 132 kV S/S Sec. 129 Noda	268.39	15.08.2019/13.0	180 days/availability	30.09.2019	REC 47111079		59004.99		5310.41		64315.00	
240	New 63 MVA T/F 132/33 kV Replaced at 132 kV S/S Sec. 115 Noda	532.38	20.09.2019/15.0	180 days/availability	31.10.2019	REC 4710388		11631453.21		12268.35.79		11632683.99	
241	Bus Coupler Bay	1134	28.06.2019/08.0	180 days/availability	29.11.2019	REC 68103191		728695.41		65582.99		794278.00	

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समृद्ध निर्देशक (गिराजान एवं वाणिज्य)
उपप्रधानाधिकारी

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/ECN Issue Date	Scheduled Commissioning Date	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY 2019-20					Remark/Reason of delay, if any.
						Name Source Scheme	Amount Of Loan Sanctioned	Base Cost	Interest Capitalized	Employee Expenses Capitalized	Other	Total	
242	160 MVA T/F along with 220 Kv & 132 Kv Bay & Bus Coupler Bay	1134	28-05-2019/08-03-2019	180 days/available	29-11-2019	PFC 68103191		16767591.61	1466794	15208611.42		19713421.03	
243	160 MVA T/F along with 220 Kv /132 Kv Bay & Bus Coupler Bay at 220 Kv Sec. 20 Noda	1134	28-05-2019/08-03-2019	180 days/available	29-11-2019	PFC 68103191		3654511.94		4299908.06		9954421.00	
244	132KV Bus Sectioner at 132KV S/S Sec. 45 Noda	15	07-2019/01-07-2019	180 days/available	21-12-2019	CS&M		999166.97		199441.03		419310.00	
245	Supply & Erection of 01 No 132KV Double Bus Bar Hybrid Feeder Bay at 220 Kv S/S Sec. 129 Noda	4321	02-2019/22-12-2019	180 days/available	02-02-2020	Deposit		6549874.28		981483.23		7531356.00	
246	Erection Testing & Supply of OPGW Hardware & Accessories etc. Disconnection Location of 220 kv D/C G Noda Sec. 129	24.9	04-18-2019/04-18-2019	Days available	20-02-2020	1 day-est		2109244.15		916186.65		2425631.00	
247	1 No. 132 Kv Double Bus Bar Hybrid Bay(A&B) for 132 Kv Sec. 66 Line At 132/132 Kv S/S Surajpur	101148	11-2019/27-05-2019	Days available	10-02-2020	19 C-2811117		9477509.17		813735.43		10291244.00	
248	132KV T/F (Office Chair etc.)	0.3	31-03-2019	60 days	31-03-2020	CS&M		35388.45		35388.45		38902.00	
249	New 63 MVA T/F 132/33 Kv Replaced at 132 Kv S/S Sec. 115 Noda				31-03-2020			0.00		0.00		0.00	
250	Replacement of Disc Insulation With Polymer Insulators at 220 kv Line Sec. 20 Noda				31-03-2020			0.00		0.00		0.00	
251	Construction of 02 Nos. of 400 KV bay at 765 KV S/S Jhangpur	1999 Cr.	10-10-2019	25-12-2019	23-12-2019	REC		138815498.13	175866315	9717084.87		166419218.00	
252	Removal and upgradation	197 Cr.		41410	1-2-2019	CS&M		1870181.31		180912.69		2001094.00	
253	Inst. of 20 MVA T/F at 400 KV S/S Greater Noda	2.08 Cr.	11-07-2019		23-11-19	CS&M/14		4752625.23		312681.77		5065307.00	
254	End work				31-03-2020			24298785.98		1702915.00		25999701.00	
255	Replacement of 63MVA T/F at 132KV S/S Bhopa Road	2.61,00,000.00	30-03-2020	16-03-2020	25-05-2020	Internal		28347091.00		2551218.23		30898309.23	
256	Installation & Commissioning of Nitrogen Inertion Fire Preventive System at 220KV S/S Jamath	15,00,000.00	15-08-2019	26-03-2019	14-04-2019	Internal		1370312.00		121329.88		1491641.88	
257	132KV Capacitor Bank at 132KV S/S Jamath	66,00,000.00	15-08-2019	11-05-2019	09-04-2019	REC		2354295.00		211866.54		2566181.54	
258	Const. of 132KV Bay at 220KV S/S Nara	6,05,000.00	10-04-2019	16-04-2019	18-04-2019	Deposit		242773.00		86408.45		279111.45	
259	Construction of 1x10 MVAR Capacitor Bank at 132 KV S/S Jamath Distt. Muradnagar	16,77,000.00	11/1/2018	12/11/2018	31-05-2019	REC		1974335.38		172890.72		2152026.00	
260	Soil Testing, land survey, contouring & traversing works at 220 KV S/S Badha Kadan Distt. Muradnagar	1.78,000.00	2/11/2018	4/10/2019	18-05-2019	PFC		157899.08		21760.92		184660.00	
261	Soil Testing, land survey, contouring & traversing works at 132 KV S/S Bagha Distt. Muradnagar	20,00,000.00	10-09-2019	1 Oct 18	29-05-2019	PFC		15.46	84101.14	7574.86		91740.00	
262	Const. of 33KV Double Bus Bar at 132KV S/S Jamath	19,96,000.00	30-06-2019	10-03-2019	19-05-2019	Deposit		1011475.00		166713.75		1278188.75	
263	220KV Nara Recloser Line	18,00,000.00	15-08-2019	18-05-2019	10-05-2019	Internal		3100620.00		279075.80		3379675.80	
264	132KV Nara Bhopa Road line	40,17,000.00	15-08-2019	15-05-2019	05-06-2019	Internal		1701813.00		315145.17		2016958.17	
265	Putting Stone Pillars on corner & Permanent demarcation of periphery of Land at 220 KV S/S Badha Kadan, Muradnagar	10,000.00	11/28/2018	11/29/2018	04-07-2019			21657.80		1949.20		23607.00	
266	Const. of 132 KV Khilaut Pura Line	4,09,00,000.00	10-03-2012	10-10-2011	02-07-2020	REC & Deba	1277	50128460.12	3212841	4511548.43		57952849.63	

Accepted

(मन्त्री निधि)
अधीक्षक अभियन्ता
सम्वद्ध निदेशक (नियोजन एवं वाणिज्य)
उपप्रमाणित 10 काठिलो

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/LOI Issue Date	Scheduled Commissioning Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in FY 2019-20					Remarks/Reason of delay, if any.
						Home Source Scheme	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
767	Const. of 132KV Mutaffanagar Jambhli LRO at Bhokheri S/S	6,88,00,000.00	30-07-2019	10-08-2016	20-07-2019	REC		460451.00		41487.77		501893.77	
768	End Works for Construction of 1x10 MVA Capacitor Bank at 132 KV S/S Kharauli, Mutaffanagar	16,77,000.00	11/1/2018	12/11/2018	11-08-2019	REC		1967846.79		177806.21		2144953.00	
769	VC of 220KV Sub-Station Jambhli from 2x100 to 160-100MVA	6,61,00,000.00	05-08-2019	25-06-2019	01-08-2019	REC	4.63	29948014.16		3946221.31		47814225.89	
770	Const. of 33KV Substation Bay at 132KV S/S Bhokheri	19,96,000.00	15-09-2019	14-03-2018	24-08-2019	Deposit		688183.17		103227.17		791409.29	
771	Max. End Works for increasing Capacity from 100 MVA to 160 MVA at 220 KV S/S Jambhli, Mutaffanagar	11,12,000.00	3/4/2019	4/1/2019	01-09-2019	REC		689199.08		62027.92		751227.00	
772	33KV Capacitor Bank at 220KV S/S Nara	66,00,000.00	22-09-2019	11-09-2019	17-09-2019	REC		2152166.00		193894.98		2346060.98	
773	33KV Capacitor Bank at 132KV S/S Bhokheri Road	66,00,000.00	30-12-2019	08-04-2019	07-09-2019	REC		2675540.96		240800.49		2916341.45	
774	33KV Capacitor Bank at 132KV S/S Chatauli	66,00,000.00	25-09-2019	16-08-2019	14-09-2019	REC		2189977.00		210997.93		2500974.93	
775	Const. of 132 KV Fly TSS Near Jambhli Line & Bay at Jambhli Road S/S (Deposit)	6,98,64,000.00	30-10-2019	20-12-2015	22-10-2019	Deposit		50692114.90		7601817.22		58299232.12	
776	Insulation System at 220 KV Sub-Station Jambhli	13,00,000.00	05-11-2019	02-10-2019	05-11-2019	Internal		1307759.00		117696.31		1425455.31	
777	Construction of 2x10 MVA Capacitor Bank at 132 KV S/S Bhokheri Road Dist. Mutaffanagar	33,57,000.00	9/5/2018	10/4/2018	10-12-2019	REC		3680476.11		312427.85		4011719.00	
778	Const. of 132 KV Sub-Station Bagha	20,00,000.00	30-09-2019	1-Oct-18	31-12-2019	PVC	15.46	98021304.78		1161813	8821917.43	11005035.21	
779	Const. of LRO of 132KV Nara Substation Line Length Approx. 18km at 132KV S/S Bagha	20,00,000.00	30-09-2019	1-Oct-18	12-12-2019	PVC	15.46	10917385.00		295832.84	982464.65	12195782.89	
780	End Works for construction of foundation for 132 KV Mutaffanagar-Purkuli Line "Bay" at 132 KV S/S Purkuli, Dist. Mutaffanagar	7,06,000.00	11/1/2018	12/11/2018	28-01-2020	DR		634166.91		67075.01		691242.00	
781	End Works for construction of foundation for 132 KV Doulan Substation Bay at 132 KV S/S Jambhli, Mutaffanagar	1,54,000.00	09-01-2019	19-03-2019	05-07-2020	Deposit		178850.46		16186.54		196037.00	
782	Height Raising & Shifting of 220KV Nara Matore S/S Line for No. 878.10	1,40,84,000.00	11-02-2020	22-09-2019	02-02-2020	Deposit		16562127.91		2484318.44		19046446.35	
783	Land/Const. of 220KV Sub-Station Balaakali	22,22,22,22.22	30-11-2020	01-03-2019	31-03-2019	REC	49	46735173.30		4706165.40		50941188.90	
784	Roof Treatment of control room building at 132 KV S/S Bhokheri Road Dist. Mutaffanagar	1,44,000.00	2/11/2019	4/10/2019	05-09-2020	DR		417620.18		39385.82		457006.00	
785	Height Raising & Shifting of 220KV Nara Matore S/S Line for 6.8.7	1,72,50,000.00	27-01-2020	07-02-2020	17-01-2020	Deposit		14811436.00		2275015.40		17086451.40	
786	Height Raising & Shifting of Tower of 132KV Nara Purkuli	1,77,36,000.00	12-03-2020	14-04-2020	04-03-2020	Deposit		104054618.00		1500847.70		119664685.70	
787	Land/Const. of 132 KV Sub-Station Bagha			11-01-2019				0.00		0.00		0.00	
788	Const. of 132 KV Jambhli-Lahangabad Line	13.5		28-04-2017	28-08-2017	REC		1214546.00	875869.71	109110.94		2199146.67	
789	Const. of 132 KV Balaakali-Bhokheri Line	1204.31		30-11-2017	30-11-2017	REC		109173979.36		98430113.64		119271943.00	
790	Const. 220 KV Haridwar Substation	2527.49		30-11-2017	30-11-2017	REC		209957774.11		18626199.89		227589774.00	
791	Const. of 132 KV Jambhli-Lahangabad Line	6271.13		09-12-2017	09-12-2017	REC		57986678.90		5183881.10		62781560.00	
792	Const. of 220 KV S/S Bad To Rukh Line	4248.54		15-03-2018	15-03-2018	REC		14115100.92		10718759.08		172038460.00	
793	Const. of 220 KV S/S Rukh	3614.9		14-02-2019	14-02-2019	REC		131637638.04	2081173	29647387.42		412120198.47	
794	Const. of 132 KV S/S Bhokheri			01-04-2019	01-04-2019	O&M		25000.00		-2750.00		-2750.00	
795	O&M of 132 KV S/S B B Nagar	0.64		15-04-2019	15-04-2019	O&M		59981.00		5398.79		65379.79	
796	O&M of 132 KV S/S Lahangabad	1.2		30-04-2019	30-04-2019	O&M		292248.00		26102.12		318350.12	
797	Const. of 132 KV L.L. Lahangabad Line	2.18		30-05-2019	30-05-2019	O&M		199095.00		17969.04		217064.04	

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अधीक्षण अभियन्ता
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उ०प्र० पा० द० का० ग०

Capitalization Detail For F-Y 2019-2020															
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/Job Issue Date	Scheduled Commencement Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in FY 2019-20					Total	Remarks/Reason of delay if any.	Reason of delay if any.
						Name Source Scheme	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other				
798	Cons. Of 33 KV Good Associates Bay	11.48		03.06.2019	03.06.2019	OD&M		2103.76		1879.34		2793.10			
799	Cons. of 132 KV Churjo-Bhoer line	2.56		10.08.2019	10.08.2019	OD&M		71418.70		21076.38		25525.08			
800	Cons. of 132 KV Bhoer-Gulachy line	3.06		26.10.2019	26.10.2019	OD&M		28027.10		25219.87		10540.89			
801	UC 220 KV S/S Shandabad	1006.7		25.11.2019	25.11.2019	REC		9234902.10		8111411.84		100560432.89			
802	R&R of 132 KV S/S Spang	1.91		11.12.2019	11.12.2019	OD&M		35822.10		32340.02		89046.107			
803	Cons. Of 33 KV H-Tech Bay	11.48		20.12.2019	20.12.2019	Deposits		487169.54		41845.26		531014.80			
804	Cons. of 132 KV Bhoer-Shandabad line	2.42		11.12.2019	11.12.2019	Deposits		775178.00		65261.52		790389.52			
805	Cons. of C&D work at various sub-stations	939.64		11.01.2020	11.01.2020	REC		11199716.51		2804374.49		11964091.00			
806	R&R of 220 KV S/S Sahasrabai	110.62		17.02.2020	17.02.2020	REC		25849107.80		4176432.64		29975744.24			
807	R&R of 132 KV S/S Bhoer	18.24		11.02.2020	11.02.2020	OD&M		1673045.00		150574.05		1823619.05			
808	Cons. of 132 KV S/S Bad to Gulachy TSS line	2.46		10.02.2020	10.02.2020	OD&M		237606.08		21384.55		258990.63			
809	Cons. of 220 KV Churjo to S/Bad Line	20.42		11.03.2020	11.03.2020	REC		1877377.00		168959.41		2046336.41			
810	Cons. of C&D work at various sub-stations	417.96		11.03.2020	11.03.2020	REC		38145055.96		3453055.04		41796111			
811	Cons. of C&D work at various sub-stations			11.03.2020	11.03.2020	REC		-937412.84		-84167.16		-1021780.00			
812	Modipuram line	6.61			01.07.2013			146956.21		11276.05		160182.27			
813	Cons. For 132 KV Churjo at 132 kv Marwaha				26.08.2011			2984045.16		268564.06		3252609.22			
814	Cons. For 132 KV Ramraj Bay at 132 kv Marwaha				26.08.2011			245293.13		22076.58		267369.71			
815	Inst. Of 33 KV 10 MVAR Cap. Bank at 132 kv S/S postapur				30.05.2015			2567821.02		231104.02		2798927.09			
816	Cons. of 132 KV Naghathore to Mundali line	33844			05.10.2015	REC		4267177.00	1113251.74	384045.01		5984474.67			
817	Cons. For 132/11 KV S/S Mundali	967			01.08.2011			1296814.81		116713.34		1413528.17			
818	UCO of 132 KV Kankar Bhera Portapur line at 132 KV S/S Hapur by Pass Freeway at postapur		2016	2017	26.01.2017	REC 88103074		5523579.06		497122.11		6020701.17			
819	Cons. For 132 KV S/S Hapur Road By pass (Vedvyaspuri)		2016	2017	30.01.2017	REC 88103074		4023540.00		362122.20		4385662.20			
820	UC 132 of KV S/S Vedvyaspuri				20.02.2017			241161.00		21884.49		263045.49			
821	Replacement of 160 MVA T/F by 200 MVA T/F at 220 KV S/S Shandabad	8			29.12.2017	RIC 4710588		1022470.00		92022.30		1114492.30			
822	R&R of 220 KV S/S MDP Replacement of 33KV Cap. Bank				08.02.2018			1923181.74		173084.47		2096245.21			
823	Replacement of 160 MVA T/F by 200 MVA T/F at 220 KV S/S Modipuram	69844		31.03.2018	08.02.2018	REC 0477339	488925	1080054.00		97204.86		1177258.86			
824	Replacement of Earthing of 220 KV Shandabad				21.01.2018			2951270.00		265614.80		3216884.80			
825	Cons. of 180 of 132 KV Naghathore-Mundali line at 220 KV S/S Portapur (R/V Bhar)	5.1	2016	2017	25.03.2018	REC 88103102	3.57	22741077.06		2046696.94		24787774.00			
826	Cons. of 33 KV B/Sadar bay at 132 KV S/S Kankar Bhera	07485			26.03.2018	Deposits		345301.74		51195.26		397097.00			
827	33 KV bay Sadar II at 132 KV S/S Kankar Bhera	07485			26.03.2018	Deposits		43777.64		14066.65		107844.29			
828	Cons. of 132 KV MDP MDP Ganga Nagar Line	0.69			03.06.2018	REC 88103102		35932567.63		3233931.09		39166498.72			
829	Cons. of 132 KV S/S Ganga Nagar	31.33	07.11.2016	6.11.2017	05.06.2018	REC 88103102		6417829.98		581204.20		7000034.64			
830	T&P				05.06.2018			1067189.21		106718.92		1173865.13			
831	33 KV bay Marwaha at 132 KV S/S Vedvyaspuri	0.15			02.08.2016	REC 88103074		1144483.42		171622.51		1316105.93			
832	Cons. of 33 KV bay at 132 KV S/S Lohya Nagar				19.11.2018	REC 11013116		353485.03		58022.75		406507.78			
833	Cons. of 220 KV Jagri Vihar Matanur line				31.03.2019			0.00		3273938	0.00	3273938.00			

(मनोज कुमार)
अधीक्षक अनियन्ता
सम्वद निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०वा०प्र००का०लि०

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/AGI Issue Date	Scheduled Commissioning Date	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY 2019-20					Remark / Reason of delay if any.
						Name Source Scheme	Amount Of Loan Sanction	Basic Cost	Interest Capitalized	Employee Expenses Capitalized	Other	Total	
334	Const. of 220KV Shubhangi to Mohaddapur line	11.71	07.10.2018	31.01.2019	09.03.2019	Depos. C	NA	2476547.73		227889.40		2699437.13	
335	Const. of 132 KV DVC Trans. line between Railway station MD Nagar & Mohaddapur on GZB line	11.71	07.10.2018	31.01.2019	09.03.2019	Depos. C	NA	1875128.00		168815.12		2043943.12	
336	Const. of 132KV Munda to Mohaddapur line between Railway station MD Nagar Super TMR line	11.71	07.10.2018	31.01.2019	09.03.2019	Depos. C	NA	47072944.41		4286564.10		51359508.51	
337	10 MVAR 33 KV CAP BANK AT 132 KV S/S LOHA NAGAR		01.02.2019	31.05.2019	30.08.2019	REC/N		202521.94		18778.06		220742.00	
338	10 MVAR 33 KV CAP BANK AT 132 KV S/S NAGLI ETHERE		01.02.2019	30.08.2019	30.08.2019	REC/N		2260803.67		201472.11		2462275.00	
339	33 KV CAP BANK AT 132 KV S/S LOHA NAGAR		01.02.2019	31.05.2019	30.08.2019	REC/N		10687195.41		961847.90		11649043.31	
340	132 KV BAY AT 220 KV S/S LOHA NAGAR	0.94	01.11.2018	31.05.2019	31.05.2019	REC/N		94176.15	10176.16			112076.00	
341	132 KV GANGA NAGAR (G.N.)	11.11	07.11.2016	06.11.2017	31.05.2019	REC/N		124592010.09		15711230.91		140303241.00	
342	CONST OF 132 KV S/S GANGA NAGAR	11.11	07.11.2016	06.11.2017	31.05.2019	REC/N		413275.09		37130.11		450405.20	
343	GANGA NAGAR S/S	11.11	07.11.2016	06.11.2017	31.05.2019	REC/N		49273.94		6271.08		55545.02	
344	PHI GANGA NAGAR LINE	0.65	08.05.2018	31.05.2019	31.05.2019	REC/N		43476725.09		3912805.31		47389530.40	
345	10 MVAR 33 KV CAP BANK AT 220 KV S/S SHATABDI NAGAR		01.02.2019	30.05.2019	30.05.2019	REC/N		2794191.74		206495.26		2990687.00	
346	160 MVA T/F AT 220 KV SHATABDI NAGAR		01.01.2019	30.05.2019	28.05.2019	REC/N		13627094.50		1026438.50		14653533.00	
347	220 KV S/S SHATABDI NAGAR 6.3 MVA T/F		01.01.2019	30.05.2019	28.05.2019	REC/N		15000000.00		13500000.00		28500000.00	
348	220 KV SHATABDI NAGAR S/S INCREASING CAPACITY		01.01.2019	30.05.2019	28.05.2019	REC/N		3760148.62		338411.38		4098560.00	
349	33 KV Bay Madhura Puram at 132 KV S/S Mohaddapur	0.15	2018	2017	13.03.2019	REC/N		1097396.81		163859.52		1261256.33	
350	220 KV PARTAPUR (V) MATON POCN ADD LINE	16.38	2016	2017	07.08.2019	REC/N		40115413.76	38586136	5428387.24		104130077.00	
351	220 KV SINGLE S/C PARTAPUR (V) MIEH (ADD)	16.38	2016	2017	07.08.2019	REC/N		40115413.76	38586136	5428387.24		104130077.00	
352	CONST OF 220 KV LINE	16.38	2016	2017	07.08.2019	REC/N		4441418.35		759727.65		5201146.00	
353	CONST OF 220 KV MATOUR P/P LINE	16.38	2016	2017	07.08.2019	REC/N		384329.17		34660.81		418990.00	
354	132 KV S/S OF GANGANAGAR MEDICAL LINE	0.65	08.05.2018	31.05.2019	31.05.2019	REC/N		43190170.64		66460.95		43256731.59	
355	132 KV LOHA NAGAR PARTAPUR 220 KV PARTAPUR	0.65	08.05.2018	31.05.2019	31.05.2019	REC/N		174570.64		22156.72		196727.36	
356	132 KV S/S Munda to Mohaddapur Super TMR line	11.71	31.03.2019		31.03.2019	Depos. C		11332119.27		1197908.29		12530027.56	
357	220 KV S/S PYPUR	61.1	2016	2017	07.08.2019	REC/N		6395866.97		570201.04		6966068.01	
358	220 KV S/S PARTAPUR (V) AGRI (V) NAGAR	61.1	2016	2017	07.08.2019	REC/N		85791403.67		73111752.56		158903156.23	
359	CONST OF 220 KV PYPUR	61.1	2016	2017	07.08.2019	REC/N		10965725.87		27887153.28		38852879.15	
360	CONST OF 220 KV S/S N				07.08.2019			1405636.70		176507.80		1582204.50	
361	Const. of 220 KV Partapur (Agri Vikar) to Matour RD KV POCN Line	16.38	2016	2017	07.08.2019	REC/N		2642922.95		2382147.00		5025069.95	
362	Const. of 220 KV Partapur (Agri Vikar)	16.38	2016	2017	07.08.2019	REC/N		1205234.00		108411.06		1313645.06	
363	CONST OF 220 KV S/S Partapur Matour RD KV POCN Line	16.38	2016	2017	07.08.2019	REC/N		17877130.20		1608507.73		19485637.93	
364	Const. For 220 KV S/S Partapur	61.1	2016	2017	07.08.2019	REC/N		1104611.81		110215.42		1214827.23	
365	Const. of 220 KV S/S Partapur Agri Vikar	61.1	2016	2017	07.08.2019	REC/N		12634380.38		857067.23		13491447.61	
366	220 KV HAPUR 76.5 PARTAPUR (V) LINE	33.13	2016	2017	20.09.2019	REC/N		24103434.86		2195409.14		26298944.00	
367	220 KV HAPUR PARTAPUR (V) DVC LINE	33.13	2016	2017	20.09.2019	REC/N		34730181.65		1124816.95		35858398.60	
368	Increasing Capacity of 220 KV S/S Modpuram (160MVA TO 200 MVA)				08.09.2019			193898.00		174590.82		368488.82	

(महेश सिंह)
अधीक्षक अभियन्ता
रामदत्त निदेशक (निर्माण एवं वाणिज्य)
उपप्रमुख, राजीव गांधी

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (In Rs.)	Date of Start/OCI Issue Date	Scheduled Commissioning Date	Commercial Operation Date (Anticipated)	Source Of Fund		Capitalization in FY 2019-20					Remarks/Reason of delay if any.
						Name Source & Scheme	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expenses Capitalized	Other	Total	
369	Re-providing 6MVA 132/11 KV of 120 KV S/S Shatabdi Nagar	---	09.10.2019	16.10.2019	16.10.2019	A&R	---	406726.00	---	36621.34	---	443349.34	
370	132 KV SHATABDI NAGAR PARTAPUR (220 KV PARTAPUR)	---	09.07.2019	30.11.2019	04.11.2019	Deposited	---	11895791.74	---	1073521.25	---	12969313.00	
371	Const. of 220KV Nagar/Partapur (Agre+Vhar)	---	---	---	14.11.2019	---	---	78805146.00	---	2592103.14	---	81397249.14	
372	Const. of 220KV Nagar Partapur Line	---	---	---	14.11.2019	---	---	56850720.00	---	5116524.30	---	61966794.30	
373	220 KV MODPURAM ARIZAFAR NAGAR LINE	---	---	---	28.07.2020	---	---	17874402.75	---	1608696.25	---	19483099.00	
374	HEIGHT RAISING OF 132 KV S/N P.P. LINE	---	---	---	28.07.2020	Deposited	---	148647603.10	---	1317781.85	---	16382444.00	
375	AGAD DE C	---	---	---	28.07.2020	Deposited	---	11074076.88	---	1072465.12	---	12246522.00	
376	220 KV MOTOR PARTAPUR HEIGHT RAISING	---	---	---	28.07.2020	Deposited	---	2593414.18	---	183091.22	---	2936477.00	
377	220 KV MODPURAM MOTOR SINGLE CIRCUIT LINE	---	---	---	28.07.2020	Deposited	---	1429168.70	---	714405.10	---	1643774.00	
378	220 KV SHATABDI NAGAR MODPURAM DC LINE	---	---	---	11.01.2020	Deposited	---	14299273.56	---	1286914.44	---	15586208.00	
379	220 KV SHATABDI NAGAR MODPURAM MOTOR DC LINE	---	---	---	11.01.2020	Deposited	---	469718.35	---	42299.65	---	512448.00	
380	CYB WORK	---	---	---	11.01.2020	---	---	158704856.88	---	14283417.15	---	172988754.00	
381	Construction of 76.5 KV S/S Rampur	1194.45	---	---	31.03.2020	047 2019 1514	1194.45	3626511.96	---	181125.20	---	38078794.64	
382	110KV of 132 KV C.B. Gang (220 KV) Rampur Line at 132 KV S/S Bhatpur	25.59	27.01.2018	01.06.2019	01.06.2019	047 2019 1302	22.02	186703517.00	11131172	16801316.53	---	21463805.55	
383	110KV of 132 KV C.B. Gang (220 KV) Rampur Line at 132 KV S/S Bhatpur	25.59	27.01.2018	01.06.2019	01.06.2019	047 2019 1302	22.02	186703517.00	11131172	16801316.53	---	21463805.55	
384	Increasing Capacity of 220 KV S/S Rampur from 1200MVA to 1100+1000 MVA	5.57	10.07.2018	10.12.2018	01.06.2019	047 2018 1343	3.19	19966537.61	---	1756968.19	---	15223526.00	
385	Increasing Capacity of 220 KV S/S Rampur from 1200MVA to 1100+1000 MVA	5.57	10.07.2018	10.12.2018	01.06.2019	047 2018 1343	3.19	9840288.74	---	885625.99	---	10725918.75	
386	Increasing Capacity of 220 KV S/S Rampur from 1200MVA to 1100+1000 MVA	5.57	10.07.2018	10.12.2018	01.06.2019	047 2018 1343	3.19	6831504.45	---	61483.54	---	744634.00	
387	Increasing Capacity of 220 KV S/S Rampur from 1200MVA to 1100+1000 MVA	5.57	10.07.2018	10.12.2018	01.06.2019	047 2018 1343	3.19	2842574.52	---	198980.22	---	3041554.72	
388	Capacitor Bank 132 KV S/S Bhatpur	0.45	14.08.2018	27.08.2019	27.08.2019	REC/PPC	0.45	3771822.94	---	194664.05	---	4111287.00	
389	Capacitor Bank 132 KV S/S Bhatpur	0.45	14.08.2018	27.08.2019	27.08.2019	REC/PPC	0.45	1992612.53	---	119487.08	---	211095.41	
390	Capacitor Bank 132 KV S/S Bhatpur	0.21	30.08.2019	09.09.2019	09.09.2019	REC/PPC	0.21	2136703.67	---	210101.33	---	2547007.00	
391	Capacitor Bank 132 KV S/S Bhatpur	0.21	30.08.2019	09.09.2019	09.09.2019	REC/PPC	0.21	5014154.88	---	162990.84	---	5365145.72	
392	Capacitor Bank 132 KV S/S Bhatpur	0.21	14.08.2018	04.09.2019	03.09.2019	REC/PPC	0.45	8388412.44	---	587980.27	---	8975627.71	
393	Capacitor Bank 132 KV S/S Tando	0.21	07.01.2019	05.11.2019	05.11.2019	REC/PPC	0.21	2171580.17	---	158010.63	---	2329591.00	
394	Capacitor Bank 132 KV S/S Tando	0.21	07.01.2019	05.11.2019	05.11.2019	REC/PPC	0.21	7641903.67	---	339511.33	---	7981475.00	
395	MONOPOLY OF 132 KV LINE AT 220 KV S/S Sec 62 Noda	60	21.06.2017	31.07.2017	31.07.2017	REC	---	4130475.73	---	171742.77	---	4502218.00	
396	160 MVA 17F at 220 KV S/S S/S Sec 62 Noda	588.51	23.06.2017	15.07.2017	15.07.2017	DEPOSIT	---	48974811.94	---	4403685.06	---	53333519.00	
397	Shifting of support on tower 220 KV Line from 132 KV DMRE Bay at 132 KV S/S Sec 62	850.41	05.01.2018	08.10.2018	28.10.2018	DEPOSIT	---	197826.70	---	29674.00	---	227500.70	
398	132 KV DMRE Bay at 132 KV S/S Sec 62	97.11	29.11.2018	30.01.2019	30.01.2019	Deposited	---	6304995.72	---	94565.28	---	7250054.50	
399	Const. of 02 No 33 KV Bay (DMRE) 132 KV S/S Sec 62 Noda	97.11	05.08.16	29.01.2019	29.01.2019	DEPOSIT	---	9540359.40	---	537051.90	---	4117413.20	
400	Shifting of support on tower 400 kv Dadr	534.6	19.01.2018	02.12.18	02.02.2019	DEPOSIT	---	12320957.45	---	1848141.67	---	14169101.00	
401	63 MVA 17F Bay at 220 KV S/S B C Green	991.84	19.02.19	28.02.19	03.03.2019	DEPOSIT	---	29437970.00	---	2648781.00	---	32079661.00	
402	63 MVA 17F Bay at 220 KV S/S S/S Sec 62 Noda	14.1	1.1.2019	22.01.2019	22.01.2019	DEPOSIT	---	3408308.76	---	2006747.18	---	5415056.00	
403	63 MVA 17F Bay at 220 KV S/S B C Green	113.65	25.06.19	28.04.2019	30.04.2019	DEPOSIT	---	7499166.94	---	178875.08	---	2874042.00	
404	160 MVA 17F Bay at 220 KV S/S B C Green	528.58	07.01.2019	06.04.2019	06.04.2019	DEPOSIT	---	3771784.35	---	490767.65	---	3762552.00	
405	33 KV Apollo Sub Bay at 220 KV S/S Dadr	37.16	18.04.2019	24.04.2019	27.04.2019	DEPOSIT	---	1045711.30	---	15985.90	---	1225551.00	

(मन्त्रालय)
अध्यक्ष अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उपप्रभारिता

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/ACB Issue Date	Scheduled Commissioning Date	Commercial Operation Date (Actual)	Source Of Fund		Capitalization in FY 2019-20					Remarks/Reason of delay if any.
						Name Source Scheme	Amount Of Loan Sanctioned	Rate Cost	Interest Capitalized	Employee Expenses Capitalized	Other	Total	
406	Const. of 02 nos Feeder bay at 220 KV S/S R.C.Groen	133.65	21.04.19	18.05.19	18.05.2019	DEPOSIT		281.13.89.81		25.1201.28		306.657.09	
407	Const. of 220 KV Line Sec. 129 to 220 KV S/S R.C.Groen	1911.78	18.01.2019	11.05.19	13.05.2019	DEPOSIT		5964.10.66.94		89.11.457.04		6847.4504.00	
408	6.1 MVA T/F 220 KV S/S Dader	719.53	01.06.2019	06.06.2019	06.06.2019	DEPOSIT		17141637.61		154.7977.19		18686565.00	
409	Feeder Bay at 220 KV S/S Dader		11.05.2017	06.06.2019	06.06.2019	Deposit		27752.89.57		416287.43		3191537.00	
410	Const. of 02 nos Feeder bay at 220 KV S/S R.C.Groen	133.65	01.04.2019	30.06.2019	30.06.19	DEPOSIT		141.881.54.03		2120771.10		16258877.11	
411	132 KV S/S Sec. 62 Nonda 6.1 MVA Transformer	381.45	22.11.2019	30.11.2019	30.11.2019	BEC		2342.8011.90		2108161.07		25532122.99	
412	132 KV Line (Monopole) Sec. 129 to Sec. 148	96.00	03.11.2017	07.02.2020	11.02.2020	BEC		997625290.56		698.13770.34		1067459000.90	
413	132 KV S/S Sec. 62 Nonda 6.1 MVA Transformer		08.01.2020	25.01.2020	25.01.2020	ib		27750065.14		2452505.84		29702571.00	
414	Feed				11.01.2020			22964154.11		2066773.87		25030928.00	
415	220KV Nandula Muzaffargarh Line	179000000	40675		3 May 18	PF 88103006		1563043.12		141011.88		1708077.00	
416	132KV Kera T/F 1 Line	55113000	47440		11 Apr 18	Deposit Work		16667052.00		2500057.80		19167109.82	
417	132 KV Nandula Gungah Line	29100000	42994		16 Sep 17	PF 88103006		54889.91		4940.09		59810.00	
418	132 KV Behal Phalaha Line	68400000	43144	01.12.2016	11 Feb 18	PF 88103036		1099837.81		987974.95		11888777.48	
419	132KV SRE Ambala Road II	45830000	43144	01.12.2016	11 Feb 18	PF 88103036	458.1	20777912.05		1607542.04		22402474.13	
420	220KV Sarana S/S	685983000	01.04.2018	01.01.2017	3 Apr 18	PF 88103106	6859.81	219655444.04		19768389.96		239424434.00	
421	220KV PGTH Sarana	207050000	12.06.2018	01.09.2016	13 Jun 18	PF 88103106	2070.75	48675268.29		4378974.15		53047474.44	
422	Supply of Good age Make Ferriter at 220 KV S/S Ambala Road II				10 Apr 19	PF 88103072		290582.57		26152.41		316735.00	
423	Construction of 53 KV Paper mill Sub Station Bay				19 May 19	Deposit Work		859636.88		77389.12		937026.00	
424	Construction of CC Road at 220 KV S/S SRE				7 May 19			1209540.37		153858.63		1363399.00	
425	Repairing & Painting at 132 KV Gungah				9 May 19			1239413.76		111547.24		1350961.00	
426	Repairing & Painting work of security wall at 132 KV Ramgarh Mandharan				15 May 19			649072.66		58418.34		707511.00	
427	Increasing Capacity of T/F at 220 KV S/S SRE				20 Nov 19	Order no. 565 dt 14.8.2018		1091112.84		98278.14		1189531.00	
428	Construction of tubewell boring at 132 KV S/S Gungah				30 Nov 19			478812.84		39581.16		479396.00	
429	On Work Approach Road for Carriage of 200 MVA T/F at 220 KV S/S SRE				28 Feb 20			919000.00		82755.00		1002255.00	
430	Loading of oil work				31.03.2020			647801.81		58111.17		706211.00	
431	Increasing capacity of 220 kv s/s Utharal 100MVA To 63MVA T/F	260	16.03.2019	16.03.2019	16.03.2019	BEC	215	921341.00		87902.69		1004261.69	
432	Increasing capacity of 220 kv s/s Utharal 160MVA To 200MVA T/F	1277	26.03.2019	27.04.2019	27.04.2019	BEC	1149	51155808.78	5189481.19	4788027.75		63129312.42	
433	Const. of new 132 kv Anoopshahar Bay at 220 kv s/s Debar	88	05.06.2018	26.06.2019	26.06.2019	BEC	61	598710.00	897034.36	51881.90		1550498.26	
434	132 kv s/s Debar 140 MVA T/F		14.06.2019	21.06.2019	21.06.2019	ib		76671778.50		2400995.07		79073871.57	
435	Const. of 132 kv s/s Debar 140 MVA T/F Anoopshahar line	75.8	05.06.2018	04.08.2019	25.6.2019	BEC	511	79137883.28		71224079.50		86760292.78	
436	132 kv s/s Debar 140 MVA T/F Anoopshahar line		01.01.2019	01.07.2019	01.07.2019	BEC		19679389.78		1771199.08		21451188.86	
437	132 kv s/s Debar 140 MVA T/F Anoopshahar line		02.08.2019	02.08.2019	02.08.2019	ib	285	25024094.00		2252168.46		27276262.46	
438	132 kv s/s Debar 140 MVA T/F Anoopshahar line		7.10.2019	07.10.2019	07.10.2019	ib		10981748.00		953417.32		11547165.32	
439	Const. of 132 kv s/s Ataurah 220 kv s/s Anoopshahar	754	05.04.2018	01.11.2019	1.11.2019	BEC	538	64341646.55	6810950.13	5747078.19		76945525.26	
440	Const. of 132 kv s/s Ataurah Bay at 132 kv s/s Anoopshahar	88	05.04.2018	01.11.2019	01.11.2019	BEC	83	2079111.00		187120.17		2266231.17	

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अधीक्षण अभियन्ता
सम्यक् निदेशक (निर्माण एवं वणिज्य)
उपप्रमुख, काठमाडौं

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/ECI Issue Date	Scheduled Commissioning Date	Commercial Operation Date (Anticipated/Actual)	Source of Fund		Capitalization in FY 2019-20					Remark/Reason of delay, if any.
						Name Source	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
641	Const. of panchsara steel bay at 132 kv s/s Chakrapur	31.89	18.11.2019	11.12.2019	11.12.2019	Deposits	11.89	1087893.00		16118.95		1251076.95	
642	A&R of 220 kv s/s Khurja		01.04.2019	11.03.2020	11.03.2020	IB		10522778.00		947050.00		11469828.00	
643	A&R of 220 kv s/s Debar		01.04.2019	11.03.2020	11.03.2020	IB		4103949.00		369359.01		4473308.01	
644	A&R of 220 kv s/s Baid		01.04.2019	11.03.2020	11.03.2020	IB		4793341.00		431733.69		5225074.69	
645	A&R of 132 kv jhangerabad Anupur shahar line		01.04.2019	11.03.2020	11.03.2020	IB		2184598.00		214611.82		2599211.82	
646	A&R of 132 kv Khurja Shikarpur line		01.04.2019	11.03.2020	11.03.2020	IB		4388124.00		394949.16		4783073.16	
647	A&R of Debar Chakrapur line		01.04.2019	11.03.2020	11.03.2020	IB		1055049.00		94954.41		1150003.41	
648	A&R of 132 kv Baid line		01.04.2019	11.03.2020	11.03.2020	IB		677226.79		60940.41		738167.20	
649	A&R of 132 kv s/s Debar		01.04.2019	11.03.2020	11.03.2020	IB		42969.00		3867.21		46836.21	
650	A&R of 132 kv s/s Jhangerpur		01.04.2019	11.03.2020	11.03.2020	IB		521269.00		46914.21		568183.21	
651	Const. of 132 kv s/s Anuppurshahr				11.03.2020	IB		1084668.00		97620.12		1182288.12	
652	A&R of 220 kv Khurja Baid line		01.04.2019	11.03.2020	11.03.2020	IB		3182735.00		80440.11		3263175.11	
653	A&R of 220 kv Khurja Baid line		01.04.2019	11.03.2020	11.03.2020	IB		3405856.40		30652.78		3436509.18	
654	(Nil work)				11.03.2020			27094411.94		2415799.04		29510210.98	
655	Const. of new 13 kv bay at 220 kv Baid				11.03.2020			0.00		0.00		0.00	
656	Const. of 132 KV Bagpat Haraya Line (1st string)	1091.42	08.09.2017	11.01.2019	11.01.2019	IB		18214169.27		16410749.13		198752408.60	
657	Const. of 132 KV Chhaprauth Kethal line	682.85	14.11.2017	16.02.2019	16.02.2019	IB		33086773.79		2977809.64		36064583.43	
658	Const. of 132 KV Chhaprauth Kethal bay at Chhaprauth	482.81	14.11.2017	16.02.2019	16.02.2019	IB		1367344.00		308200.96		1675544.96	
659	Const. of 132 KV Ramala Kethal (Co Gen) Line	484.14	04.02.2019	28.02.2019	28.02.2019	Expans		2543635.00		381545.75		2925180.75	
660	Height Raising work of 132 KV Haraya Kethal Line	105.96	29.09.2018	19.01.2019	19.01.2019	Expans		208077.00		31211.55		239288.55	
661	Installation of 2x10 MVAR Capacitor Bank at 132 KV S/S Bagpat		09.03.2019	04.04.2019	04.04.2019	IB		1794488.00		161501.85		1955989.85	
662	220 KV PGCB Line Shifting of 220 KV PGCB Line New Bay		01.06.2019	01.06.2019	01.06.2019	IB		171308.00		13408.72		184716.72	
663	Const. of 132 KV Bagpat Haraya Line (2nd string)	132.17	16.11.2018	16.06.2019	16.06.2019	IB		1183095.00		1064785.95		12895780.95	
664	A&R of 220 KV S/S Baraut (Const. of 220/132 KV Bay)		18.04.2019	23.11.2019	23.11.2019	IB		4913051.09		447174.78		5355227.87	
665	Installation of 100 MVA 1/F at 220 KV S/S Baraut for increasing Capacity	728.27	16.04.2019	27.06.2019	27.06.2019	IB		49681730.00		4471355.70		54153085.70	
666	Installation of 63 MVA 1/F at 132 KV S/S Sanyasib (Against Damaged 1/F)		16.06.2019	18.06.2019	18.06.2019	IB		18287601.00		1645434.09		19933035.09	
667	Installation of 10 MVAR Capacitor Bank at 132 KV S/S Haraya		23.01.2019	18.06.2019	18.06.2019	IB		2613110.00		235181.50		2848291.50	
668	A&R of 132 KV S/S Sanyasib		24.07.2019	24.07.2019	24.07.2019	IB		60164.00		5414.76		65578.76	
669	A&R of 132 KV S/S Baraut		07.08.2019	07.08.2019	07.08.2019	IB		1012181.00		91096.47		1103279.47	
670	For Constn. Of 100 MVA 1/F at 220 KV S/S Bagpat				30.09.2019			675558.72		60800.28		736359.00	
671	For Constn. Of 100 MVA 1/F at 220 KV S/S Bagpat				30.09.2019			171641.26		15447.72		187089.00	
672	A&R of 132 KV S/S Bagpat		05.10.2019	05.10.2019	05.10.2019	IB		1275061.00		114755.49		1389816.49	
673	A&R of 220 KV S/S Baraut (Testing & Commissioning Charges & B&R Works)		19.11.2019	19.11.2019	19.11.2019	IB		224564.00		20230.76		244794.76	
674	A&R of 220 KV S/S Bagpat		25.11.2019	25.11.2019	25.11.2019	IB		282500.00		25425.00		307925.00	
675	A&R of 132 KV S/S Haraya		23.11.2019	23.11.2019	23.11.2019	IB		132545.00		119291.13		1444736.13	
676	A&R of 132 KV S/S Sanyasib		27.11.2019	27.11.2019	27.11.2019	IB		341900.00		30721.00		372621.00	
677	A&R of 132 KV S/S Haraya		27.11.2019	27.11.2019	27.11.2019	IB		214000.00		21240.00		235240.00	

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उपप्रमुख (निर्माण एवं वाणिज्य)

		Capitalization Detail For F-Y 2019-2020											
Sl.No.	Name of Substation/line	Estimated Cost (in Rs.)	Date of Start/ACB Issue Date	Scheduled Commencement Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in F.Y 2019-20				Total	Remarks/Reason of delay, if any.
						Major Source Scheme	Amount Of Loan Sanctioned	Base Cost	Interest Capitalized	Employee Expenses Capitalized	Other		
478	Installation of 63 MVA T/F at 132 KV S/S Barad (Against Damaged T/F)		06.01.2020	11.12.2019	06.01.2020	O&M		14782571.00		1130431.39		16113002.39	
479	Installation of 63 MVA T/F at 132 KV S/S Barad (Against Damaged T/F)		05.07.2020	15.02.2020	15.02.2020	O&M		11248931.00		1192401.79		14441334.79	
480	TEO Entry for the year of 2015-2016 (Const. of 33 KV Bay at 132 KV S/S Nargaul)				31.03.2020	Deposits		540280.81		486255.27611		568906.1	
481	Const. of 132 KV Maraya Bay at 132 KV S/S Barhad	189162	20.01.2020	15.10.2019	20.01.2020	REC		4188330.00		12694.79		4565257.79	
482	63 MVA TRANSFORMERS S/S 132KV SAIDNAGH	409.36	13/08/2018	09.05.2019	09.05.2019			26623471.08		2796112.527		29019583.66	
483	MAGLA KHADER FEEDER BAY 132KV S/S SAIDNAGH	105472	Ag No 11/19.20	16.07.2019	16.07.2019			2220122.61		131018.9913		25531.81	
484	220KV 2KV DISTANCE PROTECTION PANEL S/S SAIDNAGH			08.08.2019	08.08.2019			111805.08		118067.8574		1429932.94	
485	132kv S/S Amroha 132KV main bus bar doubling			30.08.2019	30.08.2019			723869.08		65148217.83		78905.73	
486	Const. of Special M&R Of No. Type IV, O No. Type OI No. Type II, OI No. Type III and OI No. Type IV at 132 KV S/S Gargaul, Amroha Ag. No. 208/18-19 dt 01.01.19		Ag No. 208/18-19	11.10.2019	11.10.2019			568760.55		5118144954		619404	
487	Const. of 1st OMVAR Cap. Bank at 132KV S/S Gargaul, Amroha Ag. No. 248/18-19 dt 06.04.19		Ag No. 248/18-19	11.10.2019	11.10.2019			142481.65		1282334862		155305	
488	Const. of Dismantling OI No. RCC Over Head Tank at 132 KV S/S Gargaul, Amroha Ag. No. 206/18-19 dt 06.04.19		Ag No. 206/18-19	11.10.2019	11.10.2019			180255.96		162210367		196479	
489	Const. of Special M&R of Control Room & Commutator Room at 132 KV S/S Gargaul, Amroha Ag. No. 203/18-19 dt 01.01.19	175740	Ag No. 203/18-19	11.10.2019	11.10.2019			574648.62		5321817615		626367	
490	Const. of Increasing Capacity from (2x40MVA to (1x40 + 1x63) MVA at 132 KV S/S Saidnagah Amroha Ag. No. 194/18-19 dt 01.01.19	200000	Ag No. 194/18-19	11.10.2019	11.10.2019			622976.15		4706735321		570344	
491	Const. of OI No. Security hut at 132 KV S/S Gargaul, Amroha Ag. No. 108/18-19 dt 27.09.18	140548	Ag No. 108/18-19	11.10.2019	11.10.2019			247532.11		2222788991		267810	
492	Const. of 2nd OMVAR Cap. Bank at 132 KV S/S Saidnagah Amroha Ag. No. 136/18-19 dt 17.11.18	1059525	Ag No. 136/18-19	11.10.2019	11.10.2019			393368.81		1540121921		4287481	
493	Const. of 1st OMVAR cap. Bank at 132 KV S/S Gargaul, Amroha Ag. No. 134/18-19 dt 17.11.18	134213	Ag No. 134/18-19	11.01.2020	11.01.2020			1233076.15		1113368532		1348418	
494	Const. of OI No. 33 KV Magla Khader Bay at 132 KV S/S Saidnagah, Amroha Ag. No. 11/19-20 dt 25.07.19	105472	Ag No. 11/19-20	11.01.2020	11.01.2020			1154984.40		1079485963		1258913	
495	Const. of 1st OMVAR cap. Bank at 132 KV S/S Amroha Ag. No. 135/18-19 dt 30.10.18	2242400	Ag No. 135/18-19	11.01.2020	11.01.2020			191761029		1725849083		2090195	
496	Const. of OI No. Store building at 220 KV S/S Gargaul, Amroha Ag. No. 116/18-19 dt 30.08.18	1003549	Ag No. 116/18-19	11.01.2020	11.01.2020			2132158.72		1901172844		2302474	
497	Const. of 1st OMVAR cap. Bank at 220 KV S/S Gargaul, Amroha Ag. No. 249/19-20 dt 03.04.19	195695	Ag No. 249/19-20	11.01.2020	11.01.2020			1136411.01				1128688	
498	132kv S/S Amroha 40 mva T/F Breaker work		28.07.2020	28.02.2020				598192.42		1384911298		65180.16	

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/ACC Issues Date	Scheduled Commissioning Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in FY 2019-20					Remarks/Reason of delay, if any.
						Home Source	Amount Of Loan	Base Cost	Interest Capitalized	Employee Expenses Capitalized	Other	Total	
4999	132 KV S/S SAUNDHVI 7/F 63 MVA	366.6		14.02.2020	14.02.2020			23366527.05	2102987.415			25499514.49	
500	GAUMHUA MATOR (PG) LINE			07.02.2020	07.02.2020			22928611.93	2063575.071			24992187.0	
501	132kv Amroha 220/110 KV Barchan line	800.6	3628/7 TDC R/TD	23.02.2020	23.02.2020			23618095.83	1977057.63			25595153.46	
502	220kv S/S Amroha CAPITALIZATION BANK	199594	AG NO. 293/ETC	01.03.2020	01.03.2020			2848199.63				2848199.63	
503	M&T of security wall on front side yard & colony at 132 KV S/S Gajpada Ag. No. 129/18-19 dt 30.01.19	198000	Ag. No. 129/18	31.03.2020	31.03.2020			1508201.83		115738.1651		1623939.99	
504	Special M&T of CTR & computer room building at 132 KV S/S Gajpada Amroha Ag. No. 303/18-19 dt 08.01.19	175740	Ag. No. 303/18	31.03.2020	31.03.2020			4376310.1		19186.97248		4395477.07	
505	Const. of 132 KV Shambh Shyamla Manaut line	108600000	24.12.2011	06.06.2018	06.06.2018	REC	8.87	99481800.71		8951326.064		108414126.8	
506	ARR of 220 KV S/S Shambh (100 MVA 7/F)	800395000	20.06.2018	31.12.2018	01.12.2018	REC		22453690.00		202083.21		24474521.21	
507	Const. of 132 KV Budhana Charad line	40020000	28.07.2017	28.04.2018	06.02.2019	REC		48144488.00		4118003.92		52324591.92	
508	Const. of 132 KV Bay at Charad	40020000		28.04.2018	06.02.2019	REC		4618884.00		41249.56		5056133.56	
509	Const. of 132 KV Bay at Budhana	40020000		28.04.2018	15.03.2019	REC		230024.00		20706.66		250730.66	
510	R&R of 132 KV S/S Shambh Shyamla (80 MVA 7/F)	31545000	17.10.2018	31.03.2019	01.03.2019	REC		199188.00		17944.92		217132.92	
511	CR no. Solid Core Post Isolators (5mb to Low Bay) P&D				27.04.2019	P&D		108522.00		9766.98		118288.98	
512	Supply of Goodies Alaka 132 KV S/S Lalapur (Barat), Shambh.				05.05.2019			116235.00		28505.15		144740.15	
513	Soil Testing, Land Survey, contouring & traversing works at 400 KV G/S S/S Shambh				18.06.2019			243755.82		21438.02349		265193.84	
514	Const. & Protection of boundary of residential colony at 220 KV S/S Shambh				17.07.2019			1419617.00		127765.53		1547382.53	
515	Const. of 132 KV S/S Shambh				16.07.2019	REC		1771957.00		139476.11		1911433.11	
516	Const. of 2x10 MVAR Capacitor Bank at 132 KV S/S Kanyan, Shambh.				17.07.2019	REC		1799727.00		347975.83		2147702.83	
517	Const. of 1x10 MVAR Capacitor Bank at 132 KV S/S Thanabhanan, Shambh.				14.07.2019	REC		2024010.65		181870.9584		2205881.61	
518	R&R of 220 KV S/S Shambh (10 MVA Cap. Bank)				17.08.2019	REC		1180786.00		286288.78		1467074.78	
519	R&R of 132 KV S/S Kanyan (2 Nos 10 MVAR Cap. Bank)				29.08.2019	REC		6551519.85		589636.7868		7141156.64	
520	R&R of 132 KV S/S Thanabhanan (63 MVA 7/F)				22.08.2019	REC		18743892.96		1688905.167		20432798.13	
521	R&R of 132 KV S/S Lalapur (10 MVAR Cap. Bank)				10.09.2019	REC		2130561.81		1922903.5272		2122861.34	
522	R&R of 132 KV S/S Lalapur (10 MVAR Cap. Bank)				09.09.2019	REC		2249609.81		207464.1272		2457073.94	
523	R&R of 132 KV S/S Thanabhanan (10 MVAR Cap. Bank)				30.09.2019	REC		3025724.41		277315.1972		3303039.61	
524	R&R of 132 KV S/S Charad (10 MVAR Cap. Bank)				11.09.2019	REC		2216814.91		199515.1417		2416330.05	
525	Const. of 1x10 MVAR Capacitor Bank at 132 KV S/S Lalapur (Barat), Shambh.				28.09.2019	REC		1965699.00		178909.31		2144608.31	
526	132 KV Haru-Lalpur line (Height Raising DECC)	20436568			17.12.2019	DECC		10726917.00		1607032.55		12333954.55	
527	132 KV Shambh-Lalpur line (Height Raising DECC)	16589467			07.01.2020	DECC		6292444.00		941866.6		7226310.6	
528	220 KV Shambh-Lalpur line (Height Raising DECC)	33591253			02.01.2020	DECC		15514434.00		2122165.1		17636599.1	

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अविलान अभियन्ता
समय निदेशक (नियोजन एवं वाणिज्य)
उपप्रमाणित

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/ACI Issue Date	Scheduled Commissioning Date	Commercial Operation Date (Anticipated/Actual)	Source Of Fund		Capitalization in FY 2019-20					Remarks/Flow on of delay if any.
						Name Source & Scheme	Amount Of Loan Sanctioned	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	
589	Construction of auxiliary foundation creel way in 132 KV switch yard at 400/220 KV S/S Muradnagar II	40.9	10.10.2018	11.07.2018	22.05.2019	REC	2257	4914477.00		344009.89		5254476.89	
590	Earth filling in switchyard and construction of T/F road at 400/220 KV S/S Muradnagar II	40.13	07.01.2019	08.12.2018	23.05.2019	REC	2257	9921577.00		414100.34		6134087.34	
591	Construction of main gantry foundation cable trench and trench covers in 220 KV switch yard at 400/220 KV S/S Muradnagar II	59.91	20.10.2018	21.07.2018	20.06.2019	REC	2257	7518934.00		526325.38		8045259.38	
592	Providing and fixing of sand drum top covers and fabric at top of filling drums.	1.92	11.08.2019	03.07.2019	07.07.2019	O&M	2	730070.00		16304.9		246174.9	
593	Providing & fixing of raised pavement marker (cast eyes)	1.98	04.11.2019	14.08.2019	16.10.2019	O&M	2	733640.00		16354.8		249994.8	
594	Providing & fixing of retro reflective delineators	1.99	18.10.2019	16.10.2019	20.10.2019	O&M	2	735056.00		16451.90		251507.90	
595	Construction of 02 No 400/220 KV ICT Bay at 400/220 KV S/S Muradnagar II	79.11	05.01.2019	06.08.2018	09.10.2019	P&C	850.41	1818053.00		120913.71		1939966.71	
596	Construction of Auxiliary Structure foundation 100/150 MVA T/F Plinth in 220 KV Yard at 400 KV S/S Muradnagar II	60.98	20.11.2018	21.07.2018	01.12.2019	REC	2257	7532904.00		537282.28		8070186.28	
597	Extension Work of 132 KV S/S at 400 KV SSO-II Muradnagar	829.46	21.01.2020	17.03.2018	21.01.2020	REC	2257	82685920.09	49261895	7441112.808		119809147.90	
598	132 KV Bay Islamabad II	0.34	01.02.2019	11.04.2019	11.04.2019	O&P&I		29705.2074		445585.6135		445585.6135	
599	Capacitor Bank 1x10 MVAR	0.08	15.08.2019	11.08.2019	11.08.2019	P&C		578132.40		36981268.13		565115.67	
600	Capacitor Bank 2x10 MVAR	0.06	15.08.2019	11.08.2019	11.08.2019	P&C		478244.46		2997711206		458221.17	
601	132 KV ARE make Capacitor Bank 1x10MVAR	0.04	01.09.2019	07.09.2019	07.09.2019	P&C		249721.84		1744513215		266667.82	
602	132 KV Bay Bafra Bay II BEACH	0.27	08.04.2019	26.09.2019	26.09.2019	P&C		1818934.94		272840.2409		2091175.18	
603	Const. of 1 No. 132 KV Islam Nagar bay at 220KV S/S Chandrasei Sambhal Ag. No. 272/19 dt 06.04.19	0.15	02.04.2019	31.10.2019	31.10.2019	REC		107801.67		27257.13028		130076	
604	Const. of 132 KV bay at 220KV S/S & 132 KV bay at 132 LV S/S Sambhal Ag. No. 86/18 dt 31.05.18	0.12	41236	11.10.2019	31.10.2019	REC		744081.05		66967.34862		811049	
605	Const. of Special MBR of type IVA/D3 residence at 132 LV S/S Chandrasei Sambhal Ag. No. 272/18-19 dt 14.02.19	0.02	41504	11.10.2019	31.10.2019	O&M		191185.32		17205.8789		208392	
606	Const. of M&A Control Room Building at 220 KV S/S Sursi Sambhal Ag. No. 58/17.18 dt 08.02.18	0.1	01.07.2018	31.10.2019	31.10.2019	O&M		894020.18		80461.81851		974487	
607	Const. of 220 KV S/S Turnkey busbar (Chandrasei Sambhal Ag. No. 422 ESDC 1009-740/220KV S/S Chandrasei Sambhal	84	47401	11.10.2019	31.10.2019	REC		109204477.98		9828403.018		119032881	
608	Against Damage 40MVA T/F and Other work	1.25	16.12.2019	25.11.2019	25.12.2019	REC		25180399.80		2264435.942		27424835.78	
609	Additional 20MVA T/F and Other work	2.75	11.01.2020	28.01.2020	28.01.2020	REC		22806957.00		2052626.13		24859581.13	
610	Const. of 1x10MVAR cap. Bank at 132 KV S/S Sambhal Ag. No. 85/17.18 dt 27.03.18	0.06	17.09.2018	31.01.2020	31.01.2020	P&C		535481.65		4819134867		58168174	
611	Const. of tube well bearing and O/Ms. 10000 ltr. Capacity overhead tank at 132 KV S/S Sambhal Ag. No. 34/17.18 dt 15.01.18	0.33	01.01.2018	31.01.2020	31.01.2020	O&M		2940122.07		264678.9617		1204951	
612	Const. of 2x10MVAR cap. Bank at 220 KV S/S Sursi Sambhal Ag. No. 145/18-19 dt 13.12.18	0.24	01.12.2018	31.01.2020	31.01.2020	P&C		2168454.22		195181.7798		2363636	
613	Const. of 1x10MVAR cap. Bank at 132 KV S/S Sambhal Ag. No. 168/18-19 dt 02.01.19	0.28	25.12.2018	31.01.2020	31.01.2020	P&C		2371176.15		213405.8532		2584587	
614	132 kv line of material	0.14	14.01.2020	31.03.2020	31.03.2020	O&M		1358919.19		12730176.28		14812733.45	
615	400 kv land	5.24	14.02.2020	31.03.2020	31.03.2020	REC		3625159.21		251376.149		3876530.42	

मनोहर सिंह
 सर्वोच्च अभियन्ता
 सार्वजनिक निर्माण एवं वाणिज्य
 उच्चप्रमाणकालि

Capitalization Detail For F-Y 2019-2020													
Sl.No.	Name of Substation/Line	Estimated Cost (in Rs.)	Date of Start/CI Issue Date	Scheduled Commencement Date	Commercial Operation Date (Anticipated/Actual)	Source Of fund		Capitalization in FY 2019-20					
						Name Source	Amount Of Loan Sanction	Base Cost	Interest Capitalized	Employee Expense Capitalized	Other	Total	Remark/Reason of delay, if any.
616	33KV Bay Isolation at	0.34	08.11.2019	11.03.2020	11.03.2020	11.03.2020	DR PCNT	2991780.30		431768.2441		3125556.54	
617	400 kv. land	5.74	14.02.2020	31.03.2020	31.03.2020	11.03.2020	RE C	4043262.23		283028.9564		4126291.19	
618	Const. of 1x10 cap. bank at 220 KV SS Chandausi Ag. No. 14/19.20 dt 10.12.19	0.39	02.12.2019	31.03.2020	31.03.2020	11.03.2020	RE C	2779591.74		250163.2569		3029755	
619	Const. of 01 No. 33 KV Isolation at 8 bay at 220 KV SS Chandausi Ag. No. 12/19.20 dt 14.08.19	0.09	27.07.2019	31.03.2020	31.03.2020	11.03.2020	RE C	787367.89		66811.11009		809181	
620	Spacel M&R of Boundary wall at 132 KV SS Batra Sarnhal Ag. No. 26/19.20 dt 05.04.19	0.15	06.04.2019	31.03.2020	31.03.2020	11.03.2020	RE C	11501.40.37		101512.633		125365.3	
621	Spacel M&R CRB at 132 KV SS Batra Sarnhal Ag. No. 22/18-19 dt 04.02.19	0.18	04.02.2019	31.03.2020	31.03.2020	11.03.2020	RE C	1234299.08		112086.91.78		1345386	
622	Spacel M&R of Boundary wall at 132 KV SS Batra Sarnhal Ag. No. 27/19.20 dt 06.04.19	0.13	25.03.2019	31.03.2020	31.03.2020	11.03.2020	RE C	11665.88.99		104990.0093		127158.7	
623	Increase capacity from 1x1000 to 2x1000 at 220 KV SS Seta Sarnhal Ag. No. 25/19.20 dt 03.04.19	0.22	05.04.2019	31.03.2020	31.03.2020	11.03.2020	RE C	1849301.67		166417.3903		2015718.1	
624	Const. of 2x10 cap. bank at 132 KV SS Seta Sarnhal Ag. No. 14/18-19 dt 13.12.18	0.59	02.12.2018	31.03.2020	31.03.2020	11.03.2020	RE C	4273429.36		384608.6472		4658128	
625	Furnish Office Chair			31.03.2020	31.03.2020	11.03.2020		11761.64		1176.36.36		12937	
626	Equipment Testing Kit			31.03.2020	31.03.2020	11.03.2020		200000.00		200000.00		24761.24.7	
627	Equipment Testing Kit			31.03.2020	31.03.2020	11.03.2020		77880.00		7788		85648	
628	OFFICE FURNITURE			31.03.2020	31.03.2020	11.03.2020		17307.7.27		17307.72727		19038.5	
TOTAL								297645473.87				102505627.84	

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अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय



Name of the Transmission Licensee: U.P.P.T.C.L.
Name of the Circle: Zonal Account Office (Transmission South), Agra
Detail of Capitalization for the year 2019-20

Sr. Code	Name of Unit	Name of Sub-Station, Line, or other Works	Qty. MV/LV/HT No.	Project Cost		Actual Cost	Total of direct expenditure till commercial operation date	Indirect Expenditure allocated for capitalization (C.I. & Admin & Gen. Exp.)	Total Cost (9+10)	Interest During Const. Work	Transfer To Fy Asset (including Interest & Exp. Capitalized) (11+12)
				As per the approved Estimate	As per the approved Estimate	As per the approved Estimate					
784	STD-II W/R	1. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		2. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		3. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		4. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		5. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		6. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		7. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		8. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
785	STD-II W/R	1. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		2. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		3. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		4. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		5. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		6. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		7. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		8. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
786	STD-II W/R	1. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		2. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		3. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		4. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		5. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		6. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		7. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		8. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
787	STD-II W/R	1. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		2. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		3. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		4. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		5. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		6. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		7. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000
		8. 132 KV S/S, Agra S/S	132KV S/S	10000000	10000000	10000000	10000000	10000000	10000000	10000000	10000000

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अधीक्षण अनिवार्य
सम्बद्ध निदेशक (निर्माण एवं वाणिज्य)
उपनिर्देशक (निर्माण एवं वाणिज्य)

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(मन्त्रालय)
अधीक्षण अनियन्ता
राज्य निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०दा०का०लि०



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 (मनोज सिंह)
 अधीक्षण अभियन्ता
 समग्र निदेशक (निगमन एवं वाणिज्य)
 उ०प्र० पा० द्वा० का० लि०




 (मनोहर सिंह)
 अधीक्षक अभियन्ता
 सम्यक् निदेशक (निर्माण एवं वाणिज्य)
 ज०प्र०प०द०का०त०



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Name of the Transmission Licensee:-U.P.P.T.C.L.
Name of the Circle:- Transmission South West, Agra
Detail of Capitalization for the year 2019-20

Detail of Capitalization for the year 2019-20									
Lc. Code	Name of Unit	Sl.	Name Of Sub-Station,Line, works,Others	Commercial Operation Dated (Energisation Date)	Total direct expenditure till commercial operation date	Indirect Expendiure allocated for captialisation (Estt.- & Admin.& Gen. Exp.)	Total Cost (9+10)	Intrest During Const. Of Work	Transfer To Fix Asset (including Intrest + Exp. Captlised) (11+12)
804			FURNITURE	26.12.2019	129171.82	12917.18	142089.00		142089.00
			PRINTER	15.01.2020	73582.84	7358.28	80941.12		80941.12
			TOTAL		202754.66	20275.46	223030.12	0.00	223030.12
802			COMPUTER	29.03.2019	142761.82	14276.18	157038.00		157038.00
			TOTAL		142761.82	14276.18	157038.00	0.00	157038.00
GRAND TOTAL					345516.48	34551.64	380068.12	0.00	380068.12

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(मनोज सिंह)
अधीक्षक अभियन्ता
साम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द्वा० का० लि०

Annexure 9

Name of Transmission Licensee: Uttar Pradesh Power Transmission Corporation Limited			
Consumer contributions and grants towards cost of capital assets		Form No: F10	
		Rs. Crores	
		True-up Petition	
		2019-20	
	Particulars	Additions during the Year	Balance at the end of the Year
1	Beneficiaries Contribution Towards Cost Of Capital Assets	384.89	1,611.65
2	Subsidies Towards Cost Of Capital Asset		
3	Grant Towards Cost Of Capital Assets	11.83	
4	Any Other Subsidy / Grant (Pls specify the source)		
	Total	396.72	1,611.65
Signature of Petitioner			

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 (मिनाक्षी सिंह)
 अवीक्षण अभियन्ता
 समग्र निदेशक (निर्माण एवं वाणिज्य)
 3070-202-1000/लि०

Annexure 11

(Rs. Crore)

Particulars	Opening GFA	Additions to GFA	Deductions to GFA	Closing GFA	Average GFA	K _o Factor (%)	R&M Expenses
Land & Land Rights					27,065.70	1.83%	495.72
i) Unclassified	141.97	1.31	43.84	99.45			
ii) Freehold Land	1.26	0.09	1.29	0.06			
Buildings	1,085.14	145.76	0.85	1,230.05			
Other Civil Works	91.63	11.91	0.00	103.54			
Plants & Machinery	12,822.19	1,435.39	288.92	13,968.66			
Lines, Cable Network etc.	11,314.74	1,707.37	20.61	13,001.50			
Vehicles	3.37	0.00	0.00	3.37			
Furniture & Fixtures	8.74	1.23	0.00	9.98			
Office Equipments	9.55	2.56	0.00	12.11			
Jeep & Motor Car	0.00	0.00	0.00	0.00			
Intangible Assets	4.27	0.03	0.00	4.30			
Assets taken over from Licensees pending final Valuation	105.44	4.74	0.10	110.09			
GRAND TOTAL	25,588.30	3,310.41	355.61	28,543.10			

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(मनोज सिंह)
अधीक्षक अभियन्ता
सामग्र्य निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

Annexure 12

765KV Substations, UPPTCL			Count	2	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
1	TC-Lucknow	765KV Unnao	26.567018	80.552558	3x1000
2	TSW-Agra	765KV Fatehabad Agra	27.017500	78.410278	2x1500

(मनोज सिंह)
 अग्रीडन अभियन्ता
 सम्यक् निर्देशक (नियोजन एवं वाणिज्य)
 उ०प्र०पा०ट्रा०का०लि०

400KV Substations, UPPTCL			Count	22	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
1	TC-Lucknow	400KV Bareilly	28.468306	79.455278	3x315
2	TC-Lucknow	400KV Sultanpur	26.264800	82.071700	1x240+2x315
3	TC-Lucknow	400KV Sarojini Nagar, Lucknow	26.745990	80.856420	2x500
4	TC-Lucknow	400KV Unnao	26.567300	80.540400	3x315+3x160
5	TW-Meerut	400kV s/s-I Muradnagar	28.795716	77.488643	1x500+2x315
6	TW-Meerut	400kV s/s-II Muradnagar	28.480100	77.291200	1x315+2x240 2x100
7	TW-Meerut	400KV Gr. Noida	28.519020	77.541879	2x500+2x315
8	TW-Meerut	400KV Moradabad	28.829975	78.743189	2x500+240
9	TW-Meerut	400KV Muzaffarnagar	29.446268	77.781220	3x315 2x160
10	TW-Meerut	400KV Sec-148 Noida	28.452893	77.475079	2x500 1x160 1x100
11	TSW-Agra	400KV Manth	27.901667	77.621667	2x315
12	TSW-Agra	400KV GIS S/S Agra South	27.123556	77.841306	3x200
13	TSW-Agra	400KV Aligarh	27.767333	78.288889	2x500
14	TSW-Agra	400KV Agra	27.264008	78.037696	2x500+1x315+3x160
15	TSW-Agra	400KV Panki, Kanpur	26.481357	80.239225	2x315
16	TSC-Jhansi	400KV Orai	26.067059	79.580471	2x315 1x160
17	TSC-Jhansi	400KV Banda	25.459134	80.223520	2x315
18	TSE-Prayagraj	400KV Sarnath, Varanasi	25.419167	83.085278	3x315+1x500+1x200+2x160+1x20
19	TSE-Prayagraj	400KV Masauli	25.137778	81.199722	3x200
20	TNE-Gorakhpur	400KV Gorakhpur	26.687900	83.497700	1x315+1x500
21	TNE-Gorakhpur	400KV Kasara Mau	26.031667	83.651111	3x200+1x20
22	TNE-Gorakhpur	400KV Azamgarh	26.090957	83.208331	2x500

(मनोज सिंह)

 अधीक्षण अभियन्ता

 सन्तान निदेशक (निर्माण एवं वाणिज्य)

 उ०प्र० पा० द० जा० लि०

220KV Substations, UPPTCL			Count	128	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
1	TC-Lucknow	220KV Hardoi Road	26.888333	80.865583	2x160 2x63
2	TC-Lucknow	220KV Kanpur Road	26.768611	80.871389	3x60
3	TC-Lucknow	220KV B.K.T.	27.007772	80.910022	2x60
4	TC-Lucknow	220KV C.G. City	26.787969	81.023389	3x60
5	TC-Lucknow	220KV Chinhat	26.902500	81.049722	2x200 2x63
6	TC-Lucknow	220KV Gomti Nagar	26.832225	81.018722	4x60
7	TC-Lucknow	220KV Kursi Road	26.962106	81.021336	1x200+1x160+1 x100 2x63
8	TC-Lucknow	220KV Barabanki	27.001437	81.252567	2x160 2x40
9	TC-Lucknow	220KV C.B. Ganj	28.600000	79.716667	2x200 2x63
10	TC-Lucknow	220KV Dohna	28.464444	79.439444	2x160 2x40
11	TC-Lucknow	220KV Pilibhit	28.602853	79.802614	1x160+1x100+1 x20
12	TC-Lucknow	220KV Budaun	28.063389	79.134500	2x200
13	TC-Lucknow	220KV Bahraich	27.578610	81.615000	2x100+160 2x40
14	TC-Lucknow	220KV Gonda	27.119140	81.943637	2x200 3x40
15	TC-Lucknow	220KV Sultanpur	26.264800	82.071700	1x200+1x160+2 x63+1x40
16	TC-Lucknow	220KV New Tanda	26.445000	82.624444	2x160 2x20
17	TC-Lucknow	220KV Sohawal	26.756000	81.985310	2x160 2x63
18	TC-Lucknow	220KV Bachhrawan, Raebareli	26.555450	81.193753	2x160 2x40
19	TC-Lucknow	220KV Amethi	26.134870	81.885957	1x160 2x40
20	TC-Lucknow	220KV Sarojini Nagar, Lucknow	26.747380	80.856240	3x200 2x100
21	TC-Lucknow	220/33 KV Dahi Chowki Unnao	26.567074	80.544602	2x60
22	TC-Lucknow	220KV Hardoi	27.373490	80.147710	2x160 2x63
23	TC-Lucknow	220KV Nighasan	28.233500	80.871000	2x100 1x40+1x20
24	TC-Lucknow	220KV Shahjahanpur	27.936694	79.940722	1x160+1x200 1x63+2x40
25	TC-Lucknow	220KV Sitapur	27.545345	80.710820	1x200+1x160 +1x100 1x63+2x40
26	TW-Meerut	220KV Mandola Vihar	28.818435	77.281722	3x60
27	TW-Meerut	220KV Loni	28.780540	77.280490	1x200+1x150 2x63
28	TW-Meerut	220KV Morti	28.690240	77.393280	2x160 2x60
29	TW-Meerut	220KV Sahibabad	28.665400	77.349300	2x200 3x63 1x20

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 (निर्देशक)
 समग्र निदेशक (निर्माण एवं बाणिय)
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220KV Substations, UPPTCL			Count	128	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
30	TW-Meerut	220KV Faridnagar	28.778383	77.644398	1x160+1x100 2x60
31	TW-Meerut	220KV Muradnagar	28.774222	77.516191	2x200+1x160 1x63+1x40
32	TW-Meerut	220KV Rukhi	28.617667	78.181361	1x160 1x60
33	TW-Meerut	220KV Sikandrabad	28.471833	77.656056	2x100+1x160 1x60 2x63+1x40
34	TW-Meerut	220KV Hybrid Hapur	28.723362	77.740240	2x160 3x60
35	TW-Meerut	220KV Simbhaoli	28.759721	77.974927	2x200 2x63+1x40
36	TW-Meerut	220KV Debai	28.225747	78.209969	2x100 2x40
37	TW-Meerut	220KV Jahangirabad	78.259706	78.259706	1x160+1x150 2x40
38	TW-Meerut	220KV Khurja	28.277003	78.004190	2x200 1x63+2x40
39	TW-Meerut	220KV Moradabad	28.827502	78.740098	1x200+2x160 2x63+2x40
40	TW-Meerut	220KV Rampur (Shankarpur)	28.717347	79.095572	1x160+2x100 2x40
41	TW-Meerut	220KV Chandausi	28.634720	78.657885	2x160 2x40
42	TW-Meerut	220KV Sambhal	28.634720	78.657885	1x160+2x100 2x40
43	TW-Meerut	220KV Amroha	28.897599	78.441988	2x160 2x40
44	TW-Meerut	220KV Gajraula	28.815368	78.341900	2x160 2x63
45	TW-Meerut	220KV Nehtaur	29.305000	78.497000	2x160+1x100 2x63
46	TW-Meerut	220KV Baghpat	28.945841	77.237969	1x160+1x100
47	TW-Meerut	220KV Baraut	29.090417	77.259111	2x200+1x160 2x63+1x40
48	TW-Meerut	220KV Charla	29.142836	77.798528	2x160 2x63
49	TW-Meerut	220KV Partapur(Jagriti Vihar)	28.934066	77.749690	2x160 2x63
50	TW-Meerut	220KV Modipuram	30.318886	78.167778	2x200 2x63+1x40
51	TW-Meerut	220KV Shatabdinagar	28.912439	77.656022	1x200+2x160 3x63
52	TW-Meerut	220KV Behat	30.142275	77.618280	1x160+1x100 1x63+1x40
53	TW-Meerut	220KV Saharanpur	29.935812	77.567860	2x200 2x63+2x40
54	TW-Meerut	220KV Sarsawa	29.948330	77.454169	1x160 2x40
55	TW-Meerut	220KV Nanauta	29.720000	77.440000	2x200 2x63
56	TW-Meerut	220KV Jansath	29.327792	77.864200	1x160+1x100 2x63

220KV Substations, UPPTCL			Count	128	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
57	TW-Meerut	220KV Nara	29.451305	77.704040	1x200+1x160 2x63+1x40 1x20
58	TW-Meerut	220KV Shamli	29.428867	77.265639	2x200+1x100 1x60 2x63+1x40
59	TW-Meerut	220KV Sec-129 Noida	28.567460	77.409614	3x160 2x100+1x63
60	TW-Meerut	220KV Sec-20 Noida	28.630650	77.333293	3x160 3x63
61	TW-Meerut	220KV Dadri	28.487589	77.547688	1x160+1x100 3x63
62	TW-Meerut	220KV R.C.Green Noida	28.418251	77.656819	2x160 2x60 4x63
63	TW-Meerut	220KV Sec-62 Noida	28.418251	77.656819	2x160 2x60 1x63
64	TW-Meerut	220KV Sec-38A Noida	28.563108	77.334114	1x60
65	TSW-Agra	220KV Meetai	27.558611	78.049722	2x200 2x40
66	TSW-Agra	220KV Chhata	27.677222	77.498889	2x160 2x40
67	TSW-Agra	220KV Gokul	27.431389	77.717778	2x160 2x63
68	TSW-Agra	220KV Maant	27.901389	77.623611	1x160 2x40
69	TSW-Agra	220KV S/S Vrindavan	27.603000	77.613000	
70	TSW-Agra	220KV Boner	27.858885	78.140943	1x160+1x100
71	TSW-Agra	220KV Khair	27.948900	77.829000	2x160 1x63+2x40
72	TSW-Agra	220KV Atrauli	28.035236	78.275445	2x160 2x63
73	TSW-Agra	220KV Harduaganj	28.016010	78.126509	
74	TSW-Agra	220KV Sikandrarao	27.702913	78.396073	2x160
75	TSW-Agra	220KV Etah	27.531160	78.666355	2x160 2x63+1x40
76	TSW-Agra	220KV Mainpuri	27.212129	79.030173	2x160+1x100 2x63
77	TSW-Agra	220KV Firozabad	27.136222	78.424472	1x160+1x150+1 x100 3x63
78	TSW-Agra	220KV Sirsaganj	27.045000	78.725278	2x100 2x40
79	TSW-Agra	220KV Shamshabad Road	27.112456	78.669369	2x160 2x63
80	TSW-Agra	220KV Sikandra Agra	27.212450	77.976172	2x160+1x100 2x60 2x63
81	TSW-Agra	220KV Bah	26.935689	78.405889	2x160 1x40+1x20
82	TSW-Agra	220KV Panki, Kanpur	26.480909	80.238224	3x160 1x60 3x40

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अधीक्षक अभियन्ता
सामग्र्य निदेशक (नियोजन एवं वाणिज्य)
महानगरपालिका

220KV Substations, UPPTCL			Count	128	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
83	TSW-Agra	220KV Bithoor	26.545784	80.239720	2x160 2x40
84	TSW-Agra	220KV Rania	26.417860	80.038868	2x100 2x40
85	TSW-Agra	220KV RPH	26.489913	80.332097	3x60
86	TSW-Agra	220KV Sikandra	26.382893	79.643752	2x160+1x100 2x60 2x63
87	TSW-Agra	220KV Phoolbagh	26.468862	80.366775	1x60
88	TSC-Jhansi	220KV S/S Ext. at 400KV S/S Orai	26.067059	79.580471	2x160 2x40
89	TSC-Jhansi	220KV Dunara	25.461851	78.690944	2x100 2x40
90	TSC-Jhansi	220KV Lalitpur	24.725038	78.544484	1x160+1x100 2x20
91	TSC-Jhansi	220KV Orai	26.012047	79.517720	2x160 2x40
92	TSC-Jhansi	220KV Bharthana	26.454130	79.115033	2x160+1x100 2x40
93	TSC-Jhansi	220KV Saifai	26.583000	78.590050	2x160 2x63
94	TSC-Jhansi	220KV Chhibramau	27.847610	79.305094	2x160 1x63+1x40
95	TSC-Jhansi	220KV Neebkarori	27.193783	79.244966	1x160+1x100 2x63
96	TSC-Jhansi	220KV Kanpur South	26.370920	80.418316	3x60
97	TSC-Jhansi	220KV Naubasta	26.399639	80.317972	2x160 2x63+1x40
98	TSC-Jhansi	220KV Sarh, Kanpur	26.255921	80.336089	2x160 2x40
99	TSC-Jhansi	220KV Banda	25.496452	80.365052	2x200 3x40
100	TSC-Jhansi	220KV Pahadi, Chitrakoot	25.952840	81.532590	2x100 2x40
101	TSC-Jhansi	220KV Mahoba	25.308967	79.838851	1x160+1x100
102	TSE-Prayagraj	220KV Bhelupur	25.296111	83.000556	2x60
103	TSE-Prayagraj	220KV Gajokhar	25.536111	81.839444	2x160 1x63+1x40
104	TSE-Prayagraj	220KV Harhuwa	25.413611	81.886111	2x60
105	TSE-Prayagraj	220KV Raja Ka Talab	25.268050	82.691500	1x160 1x40
106	TSE-Prayagraj	220KV Sahupuri	25.291389	83.074167	2x200+1x160 2x40+1x20
107	TSE-Prayagraj	220KV Natwa	25.141667	82.540556	
108	TSE-Prayagraj	220KV Robertsganj	24.652222	83.053889	1x160
109	TSE-Prayagraj	220KV Cantt.	25.433889	81.777500	2x200 4x40
110	TSE-Prayagraj	220KV Rewa Raod	25.364167	81.837778	2x200+1x160 3x40 2x12.5
111	TSE-Prayagraj	220KV Sirathu	25.645833	81.325000	2x160
112	TSE-Prayagraj	220KV Fatehpur	25.896944	80.793611	2x200 2x63

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अधीक्षक अभियन्ता
समग्र निदेशक (निर्माण एवं वाणिज्य)
उपप्रभाग-३

220KV Substations, UPPTCL			Count	128	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
113	TSE-Prayagraj	220KV Jhusi	25.421944	81.997778	2x200 2x63
114	TSE-Prayagraj	220KV Phulpur	25.946944	82.069167	2x160 2x40
115	TSE-Prayagraj	220KV Pratapgarh	25.880556	81.956667	2x100 2x63
116	TNE-Gorakhpur	220KV Gorakhpur	26.687900	83.497700	
117	TNE-Gorakhpur	220KV Deoria	26.487500	83.757400	1x100+2x160
118	TNE-Gorakhpur	220KV Hata Kushinagar (UC)	26.738551	83.743819	1x160+1x100 2x40
119	TNE-Gorakhpur	220KV Gola	26.431946	83.333278	2x160 2x40
120	TNE-Gorakhpur	220KV Barahauwa Gorakhpur	26.735833	83.299000	2x160+2x100 2x63
121	TNE-Gorakhpur	220KV Bhadaura	25.470000	83.758889	2x40
122	TNE-Gorakhpur	220KV Ghazipur	23.578611	83.498056	2x160
123	TNE-Gorakhpur	220KV Rasara	25.866389	83.840833	2x160
124	TNE-Gorakhpur	220KV Azamgarh	26.087778	83.205833	1x200+2x160 1x63+2x40
125	TNE-Gorakhpur	220KV Azamgarh II	25.819028	82.818361	2x160 2x40
126	TNE-Gorakhpur	220KV Jaunpur	25.738333	82.660278	3x160 1x20
127	TNE-Gorakhpur	220KV Basti	26.800217	82.769038	2x200 2x63
128	TNE-Gorakhpur	220KV Bansi	27.168920	82.928469	2x160




 (निर्देशक)
 अभियंता अभियन्ता
 राज्य निर्देशक (निर्माण एवं वाणिज्य)
 उ०प्र०वा०द०का०लि०

132KV Substations, UPPTCL			Count	430	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
1	TC-Lucknow	132KV Aalapur	26.431500	82.927111	2x20
2	TW-Meerut	132KV Afzalgarh	29.440000	78.410000	3x20
3	TW-Meerut	132KV Agwanpur	28.911197	78.717015	2x40
4	TC-Lucknow	132KV Akbarpur	26.457222	82.548611	2x63
5	TSW-Agra	132KV Aliganj	27.500487	79.181890	2x40
6	TSW-Agra	132KV Aligarh-III	27.859012	77.992103	3x40
7	TSW-Agra	132KV Aligarh-V	27.893689	78.123019	2x40
8	TC-Lucknow	132KV Amawan, Raebareli	26.262506	81.278502	2x63
9	TW-Meerut	132KV Ambala Road-I	30.020984	77.731360	1x63+1x40
10	TW-Meerut	132KV Ambala Road-II	30.009670	77.442017	2x40
11	TW-Meerut	132KV Amroha	28.897599	78.441988	2x40+1x63
12	TNE-Gorakhpur	132KV Anandnagar	27.083889	83.271944	1x63+1x40
13	TW-Meerut	132KV Anoopshahr	28.374608	78.094050	2x40
14	TSW-Agra	132KV Anoopshahr Road	28.039773	78.115393	2x40
15	TC-Lucknow	132KV Aonla	28.264917	79.172972	1x63+1x40
16	TSW-Agra	132KV Armapur	26.469090	80.274975	2x20
17	TC-Lucknow	132KV Asha	27.384163	80.125992	1x40+1x20
18	TW-Meerut	132KV Asmouli	28.329551	78.931712	2x40
19	TSC-Jhansi	132KV Atarra	25.252703	80.636949	1x40+1x20
20	TNE-Gorakhpur	132KV Atraulia	26.345889	82.926889	2x20
21	TSC-Jhansi	132KV Augasi	25.675619	80.920911	1x40+1x20
22	TSE-Prayagraj	132KV Aurai	25.272775	82.561572	2x40
23	TSC-Jhansi	132KV Auraiya	26.263760	79.293995	2x40
24	TW-Meerut	132KV Awass Vikas	28.461800	78.785995	2x40+1x20
25	TSW-Agra	132KV Azad Nagar	26.503022	80.281605	2x63+1x40
26	TNE-Gorakhpur	132KV Azamgarh	26.042222	83.194722	2x63
27	TW-Meerut	132KV B.B.Nagar	28.663528	77.941983	2x40
28	TW-Meerut	132KV Babrala	28.266328	78.403321	2x40+1x20
29	TW-Meerut	132KV Babugarh	28.724356	77.843011	2x63
30	TW-Meerut	132KV Bachhrawan	28.926306	78.233954	1x63+1x40
31	TC-Lucknow	132KV Bachhrawan, Raebareli	26.446742	81.124176	2x40
32	TNE-Gorakhpur	132KV Badlapur	25.645502	82.776510	1x40+1x20
33	TC-Lucknow	132KV Baghauli	27.180438	80.223540	2x20
34	TW-Meerut	132KV Baghpat	28.944974	77.254842	2x63
35	TW-Meerut	132KV Baghra	29.449262	77.545702	2x40
36	TSW-Agra	132KV Bah	26.869061	78.587378	1x63+1x40
37	TC-Lucknow	132KV Bahraich	27.578050	81.614722	1x63+2x40
38	TNE-Gorakhpur	132KV Ballia	25.767778	84.140556	2x63
39	TC-Lucknow	132KV Balrampur	27.404710	82.153071	1x63+1x40
40	TSW-Agra	132KV Bamauli	27.500833	77.998333	2x20
41	TC-Lucknow	132KV Banda	28.278139	80.100217	3x63
42	TSC-Jhansi	132KV Banda	25.492365	80.341165	2x20
43	TC-Lucknow	132KV Bangarmau, Unnao	26.913272	80.207974	1x40+2x20
44	TNE-Gorakhpur	132KV Bansi	27.168920	82.928470	2x40+1x20
45	TC-Lucknow	132KV Barabanki	26.995506	81.251883	2x63
46	TNE-Gorakhpur	132KV Barahauwa Gorakhpur	26.735833	83.299000	2x160+2x100 2x63
47	TW-Meerut	132KV Baraut	29.090278	77.258722	2x63+1x40
48	TC-Lucknow	132KV Bareilly-II (Balipur)	28.364722	79.505278	2x40
49	TC-Lucknow	132KV Bareilly Town	28.345556	79.445833	2x63+1x40

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(मनोसिंह)
अधीक्षक अभियन्ता
सम्बद्ध निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

132KV Substations, UPPTCL			Count	430	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
50	TNE-Gorakhpur	132KV Barhalganj	26.293992	83.504994	1x40+1x20
51	TSW-Agra	132KV Barhan	27.321494	78.238809	2x63
52	TC-Lucknow	132kv Begampur	27.706660	81.518333	2x40
53	TSE-Prayagraj	132KV Bhadohi	25.404581	82.543039	2x63
54	TW-Meerut	132KV Bhangel Noida	28.503647	77.393259	2x63
55	TSC-Jhansi	132KV Bharua Sumerpur	25.809305	80.160333	2x63
56	TSE-Prayagraj	132KV Bharwari	25.771944	81.778056	1x40+1x20
57	TNE-Gorakhpur	132KV Bhathat Gorakhpur	26.816626	83.363019	2x40
58	TSW-Agra	132KV Bhimnagari	27.190211	78.666722	2x40
59	TC-Lucknow	132kv Bhinga	27.693330	81.939444	2x40
60	TW-Meerut	132KV Bhoor	28.417306	77.823100	1x63+1x40+1x20
61	TW-Meerut	132KV Bhoor-II	28.417306	77.823100	2x40
62	TW-Meerut	132KV Bhopa Road	29.471188	77.740370	2x63
63	TW-Meerut	132KV Bhopa(Bhokerheri)	29.508768	77.933280	2x40
64	TSE-Prayagraj	132KV BHU	25.267778	82.990833	
65	TSW-Agra	132KV Bichpuri Agra	27.173674	77.901156	2x40
66	TSC-Jhansi	132KV Bidhuna	26.481574	79.291918	1x40+1x20
67	TC-Lucknow	132KV Bighapur, Unnao	26.352160	80.666550	1x40+1x20
68	TW-Meerut	132KV Bijnor	29.372100	78.384200	2x40+1x20
69	TC-Lucknow	132KV Bikapur	26.631900	82.161500	2x20+1x40
70	TW-Meerut	132KV Bilari	28.650415	78.890212	2x40
71	TW-Meerut	132KV Bilaspur	28.887708	79.268024	1x63+1x40
72	TSW-Agra	132KV Bilhaur	26.815370	80.043183	2x40
73	TC-Lucknow	132KV Bilsa	28.095567	79.013997	1x40+1x20
74	TSE-Prayagraj	132KV Bina	24.163889	82.767778	3x20
75	TSE-Prayagraj	132KV Bindki	26.018611	80.627222	2x40
76	TNE-Gorakhpur	132KV Bindwal Jairajpur	26.183444	83.240694	1x40
77	TC-Lucknow	132KV Bisalpur	28.267667	80.131933	2x20
78	TC-Lucknow	132KV Bisauli	28.519331	79.565008	1x63+1x40
79	TC-Lucknow	132KV Biswan	27.498759	80.985034	2x20
80	TSW-Agra	132KV Bodla Agra	27.207395	77.934030	2x63+1x40
81	TSW-Agra	132KV Boner	27.858885	78.140943	3x40
82	TW-Meerut	132KV BSR Road (Lalkuan)	28.684768	77.492025	1x100+1x40
83	TC-Lucknow	132KV Budaun	28.062833	79.133667	2x63+1x40
84	TW-Meerut	132KV Budhana	29.286325	77.418281	1x63+1x40
85	TSE-Prayagraj	132KV Cantt	25.317778	82.886111	2x63+1x40
86	TSW-Agra	132KV Cantt Agra	27.122134	77.940502	2x63
87	TC-Lucknow	132KV Chakalvanshi, Unnao	26.669627	80.369171	2x40
88	TSE-Prayagraj	132KV Chakia	25.045278	83.234444	2x20
89	TSC-Jhansi	132KV Chakkarnagar	26.364515	79.722267	2x40
90	TSE-Prayagraj	132KV Chandauli	25.250833	83.256667	2x40
91	TW-Meerut	132KV Chandausi	28.461999	78.786131	2x40+1x63
92	TW-Meerut	132KV Chandok	29.512700	78.084650	2x40
93	TW-Meerut	132KV Chandpur	29.135500	78.267500	2x63
94	TW-Meerut	132KV Chapprauli	29.201102	77.179427	2x40
95	TSE-Prayagraj	132KV Chauri	25.353525	82.648275	2x20
96	TW-Meerut	132KV Chhutmalpur	30.021041	77.731050	1x63+1x40
97	TNE-Gorakhpur	132KV Chitbaragaon	25.747222	84.023056	2x20




 (प्रतिनिधि सह)
 अवीक्षण अनियन्ता
 सम्यक् निदेशक (नियोजन एवं वाणिज्य)
 उपप्रमाणिकालिका

132KV Substations, UPPTCL			Count	430	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
98	TSE-Prayagraj	132KV Chunar	25.105000	82.892778	2x40
99	TC-Lucknow	132KV Colonelganj	27.130250	81.708327	2x12.5
100	TW-Meerut	132KV D.P.H.	28.670184	77.439815	2x40
101	TSW-Agra	132KV Dada Nagar	26.439918	80.247240	2x63
102	TSE-Prayagraj	132KV Dalla	24.453333	83.041389	1x63+1x40
103	TC-Lucknow	132KV Dalmau, Raebareli	26.067387	81.058619	2x40
104	TW-Meerut	132KV Dankaur	28.575296	77.554891	2x40
105	TSW-Agra	132KV Dannahar	27.219764	78.901180	1x63+1x40
106	TC-Lucknow	132KV Darshan Nagar	26.748362	82.217702	1x63+2x40
107	TW-Meerut	132KV Dasna	28.697750	77.627528	2x40+1x20
108	TSW-Agra	132KV Dayalbagh	27.260357	78.042598	1x63+1x40
109	TW-Meerut	132KV Debai	28.149948	78.260658	2x40
110	TW-Meerut	132KV Deoband	29.680000	77.689000	1x63+2x40
111	TNE-Gorakhpur	132KV Deoria	26.488800	83.780300	2x40
112	TW-Meerut	132KV Dhampur	29.314000	78.352000	2x20
113	TSE-Prayagraj	132KV Dhanapur	25.759722	83.578611	2x20+1x40
114	TW-Meerut	132KV Dharmapur	28.225349	78.210388	1x40+1x20
115	TC-Lucknow	132KV Dhaurahara	27.992800	81.092000	2x40
116	TSC-Jhansi	132KV Dibiyapur	26.392274	79.334167	2x40
117	TNE-Gorakhpur	132KV Dighar	26.300278	84.645000	2x40
118	TSE-Prayagraj	132KV DLW	25.317778	82.973889	1x40
119	TNE-Gorakhpur	132KV Doharighat	26.246897	83.510683	2x40
120	TC-Lucknow	132KV Dohna	28.466111	79.439722	2x40+1x63
121	TNE-Gorakhpur	132KV Dumariyaganj	27.222426	82.640050	2x40
122	TSW-Agra	132KV Etah	27.531160	78.666355	2x40
123	TSW-Agra	132KV Etmadpur	27.230056	78.180889	2x63
124	TC-Lucknow	132KV Faridpur	28.275278	79.510833	2x40
125	TSW-Agra	132KV Fatehabad	27.040925	78.262889	1x63+1x40
126	TSC-Jhansi	132KV Fatehgarh	27.223120	79.363618	2x63
127	TNE-Gorakhpur	132KV FCI, Gorakhpur	26.814726	83.363818	2x63+1x40
128	TSW-Agra	132KV Foundry Nagar	27.209018	78.057883	1x63+1x40
129	TSW-Agra	132KV Gabhana	28.072178	78.861107	2x40
130	TSE-Prayagraj	132KV Gadwara	25.988333	81.926111	1x40+1x20
131	TW-Meerut	132KV Gagatheri	29.925482	77.658470	2x40
132	TW-Meerut	132KV Gajraula	28.845598	78.236551	2x40+1x63
133	TW-Meerut	132KV Ganga Nagar (GIS)	29.004401	77.762235	2x63
134	TSW-Agra	132KV Gangiri	27.875892	78.475278	2x40
135	TW-Meerut	132KV Gangoh	29.790000	77.260000	1x63+1x40
136	TSW-Agra	132KV Ganjdundwara	27.622999	78.897752	2x40+1x20
137	TW-Meerut	132KV Garhmukteshwar	28.834223	78.066187	2x40
138	TC-Lucknow	132KV Gauriganj Amethi	26.208097	81.726119	2x63
139	TSC-Jhansi	132KV Ghatampur	26.208218	80.182453	1x63+1x40
140	TNE-Gorakhpur	132KV Ghazipur	25.606667	83.574167	2x63
141	TNE-Gorakhpur	132KV Gida	26.735800	83.299500	2x20
142	TSW-Agra	132KV GIS Gwalior Road	27.064277	77.979581	2x40
143	TSE-Prayagraj	132KV GIS Old Power House	25.440000	81.880000	2x63
144	TSW-Agra	132KV GIS S/S Fatehpur Sikri	27.101556	77.607000	1x40
145	TC-Lucknow	132KV GIS S/S Hanuman Setu	26.857639	80.937528	1x63
146	TC-Lucknow	132KV GIS S/S Mehtab Bagh	26.883292	80.905517	3x63

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(मनोज सिंह)
अधीक्षण अनियन्ता
सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द्रा० का० लि०

132KV Substations, UPPTCL			Count	430	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
147	TC-Lucknow	132KV Gola	28.078600	80.471600	1x40+1x63
148	TC-Lucknow	132KV Gomti Nagar	26.854692	80.865575	3x40
149	TSE-Prayagraj	132KV Gopiganj	25.292475	82.417892	1x40+1x20
150	TC-Lucknow	132KV Gosashingpur, Sultanpur	26.323701	82.378273	2x40
151	TW-Meerut	132KV Govind Puram	28.640148	77.560827	2x63
152	TW-Meerut	132KV Gulabbari	28.821633	78.795123	1x63+1x40
153	TW-Meerut	132KV Gulaothi	28.579892	77.013006	2x40
154	TSC-Jhansi	132KV Gursarai	25.604115	79.163056	1x40+1x20
155	TSE-Prayagraj	132KV Gurudev Nagar	24.838889	82.726944	1x40+1x20
156	TSE-Prayagraj	132KV Gyanpur	25.298056	82.216736	2x20
157	TC-Lucknow	132KV Haidergarh	26.604581	81.363267	1x40+1x20
158	TNE-Gorakhpur	132KV Haldharpur	25.966072	83.701028	1x40+1x20
159	TSC-Jhansi	132KV Hamirpur	25.926090	80.041076	1x40+1x20
160	TSE-Prayagraj	132KV Handia	25.367778	82.177222	2x40
161	TW-Meerut	132KV Hapur	28.739272	77.750041	3x40
162	TW-Meerut	132KV Hapur Bypass (Vedvyasपुरी)	28.165000	77.111389	2x40
163	TNE-Gorakhpur	132KV Harraiya	26.793457	82.477058	1x63+1x40
164	TW-Meerut	132KV Harsiya	28.891306	77.345528	2x40
165	TC-Lucknow	132KV Hasanganj, Unnao	26.778550	80.625903	1x40
					2x63+1x40
166	TSC-Jhansi	132KV Hasari	25.408298	78.562058	2x20
167	TSW-Agra	132KV Hasayan	27.669269	78.268728	2x20+1x40
168	TW-Meerut	132KV Hastinapur	29.158528	77.982953	2x40
169	TSW-Agra	132KV Iglas	27.764912	77.975423	2x40
170	TC-Lucknow	132KV Indira Nagar	26.924114	81.028533	2x40
171	TW-Meerut	132KV Industrial Area (Rathi)	28.639928	77.437814	2x40
172	TNE-Gorakhpur	132KV Itwa	27.307695	82.742983	2x20
173	TC-Lucknow	132KV Jagdishpur, Amethi	26.492323	81.550063	2x40
174	TSE-Prayagraj	132KV Jahanabad	26.095000	80.350278	2x40
175	TW-Meerut	132KV Jahangirabad	28.395900	78.094050	1x20
176	TW-Meerut	132KV Jahangirpur	28.307080	77.851090	2x40
177	TSW-Agra	132KV Jainpur	26.360612	79.989344	1x63+1x40
178	TC-Lucknow	132KV Jalalabad	27.748833	79.715361	2x40
179	TC-Lucknow	132KV Jalalpur	26.313611	82.735556	2x40
180	TW-Meerut	132KV Jalalpur (Banat)	29.287444	77.315211	2x40
181	TSC-Jhansi	132KV Jalaun	26.125348	79.309057	2x40
182	TW-Meerut	132KV Jaleelpur	29.137700	78.187100	2x40
183	TSW-Agra	132KV Jalesar	27.481635	78.318218	3x40
184	TW-Meerut	132KV Jansath	29.329632	77.865650	2x63
185	TSE-Prayagraj	132KV Jari	25.105556	81.752500	2x40
186	TW-Meerut	132KV Jasala	29.354928	77.288683	2x40
187	TSW-Agra	132KV Jasrana	27.250111	78.653944	2x40
188	TSC-Jhansi	132KV Jaswant nagar	26.531724	78.573530	2x40
189	TSW-Agra	132KV Jattari	28.046607	77.667294	1x63+1x40
190	TNE-Gorakhpur	132KV Jaunpur	25.729460	82.701050	1x63+1x40
191	TSW-Agra	132KV Jawaharpuram, Kanpur	26.488446	80.229099	2x40
192	TW-Meerut	132KV Jhinjhana	29.548900	77.232639	2x40
193	TSE-Prayagraj	132KV Jhusi	25.421944	81.997778	2x63
					2x40
194	TSE-Prayagraj	132KV Jigna	25.153889	82.328611	2x12.5

(मुद्रांक सहित)
अध्यापक अभियन्ता
समय निर्देशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० दू० का० लि०

132KV Substations, UPPTCL			Count	430	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
195	TW-Meerut	132KV Jolly Bypass Road	29.445260	77.775880	2x63
196	TSC-Jhansi	132KV Kabrai	25.386910	80.056920	1x20
197	TC-Lucknow	132KV Kadipur, Sultanpur	26.171699	82.364050	2x40
198	TSE-Prayagraj	132KV Kaithi	25.457500	83.199722	2x40
199	TSC-Jhansi	132KV Kalpi	26.087823	79.646017	1x40+1x20
200	TW-Meerut	132KV Kanha Upvan	28.672800	77.386300	2x40
201	TW-Meerut	132KV Kaniyan	29.287444	77.315211	2x40
202	TW-Meerut	132KV Kankarkhera-II	29.272500	77.728333	2x40
203	TW-Meerut	132KV Kankerghera	29.035556	78.101111	1x63+1x40
204	TSC-Jhansi	132KV Kannauj	27.258810	79.544295	1x63+1x40
205	TW-Meerut	132KV Kanth Road	28.880868	78.740232	2x63
206	TW-Meerut	132KV Kapsad	29.189081	77.669456	
207	TSE-Prayagraj	132KV Karchhana	25.195556	81.980000	1x40+1x20
208	TSC-Jhansi	132KV Karvi	25.224433	80.920912	1x63+1x40
209	TSW-Agra	132KV Kasganj	27.825247	78.663408	1x63+1x40
210	TNE-Gorakhpur	132KV Kasia, Kushinagar	26.751440	83.909926	2x63+1x40
211	TNE-Gorakhpur	132KV Kasimabad	25.781389	83.674167	2x20
212	TNE-Gorakhpur	132KV Katghar Mahloo	26.177661	83.633100	2x20
213	TSE-Prayagraj	132KV Kaurihar	25.610000	81.870000	2x40
214	TNE-Gorakhpur	132KV Kauriram	26.531667	83.403333	1x63+1x40
215	TSC-Jhansi	132KV Kayamganj	27.520931	79.330889	1x40+1x20
216	TSE-Prayagraj	132KV Kazrahat	25.135556	82.892500	1x20
217	TNE-Gorakhpur	132KV Kerakat	25.605089	82.916062	1x40+1x20
218	TSE-Prayagraj	132KV Khaga	25.763611	81.127778	2x63
219	TNE-Gorakhpur	132KV Khalilabad	26.771932	83.057834	2x40
220	TW-Meerut	132KV Kharad	29.353972	77.408136	2x40
221	TW-Meerut	132KV Khatauli	29.268353	77.729530	1x63+1x40
222	TW-Meerut	132KV Khekra	28.843403	77.270330	2x40
223	TSW-Agra	132KV Kheragarh	26.986634	77.800945	2x40
224	TW-Meerut	132KV Khurja-II	28.307080	77.851090	2x40
225	TC-Lucknow	132KV Khurram Nagar	26.929033	80.972153	1x63+2x40
226	TW-Meerut	132KV Kiratpur	30.050170	79.049010	1x63+1x40
227	TSW-Agra	132KV Kirawali Agra	27.139333	77.797139	2x40
228	TW-Meerut	132KV Kirthal	29.230087	77.256018	2x40
229	TNE-Gorakhpur	132KV Koilsa	26.269306	83.021861	1x40+1x20
230	TSC-Jhansi	132KV Konch	25.999875	79.140982	1x40+1x20
231	TSE-Prayagraj	132KV Koraon	24.996944	82.071667	2x20
232	TC-Lucknow	132KV Korwa, Amethi	26.214352	81.820721	3x10
233	TSW-Agra	132KV Kosi	27.766944	77.438611	2x63
234	TW-Meerut	132KV Kota	29.870000	77.685000	1x63+1x40
235	TW-Meerut	132KV KothiKhidmatpur	29.051814	78.614347	2x40
236	TSC-Jhansi	132KV Krishna Nagar	26.406621	80.382348	2x40+1x63
237	TSE-Prayagraj	132KV Kunda	25.725000	81.510833	2x63
238	TC-Lucknow	132KV Kundan Road, Unnao	26.529043	80.457048	2x63
239	TW-Meerut	132KV Kundarki	28.682740	78.740283	1x40+2x20
240	TNE-Gorakhpur	132KV Kundesar	25.614444	83.821389	2x40
241	TSC-Jhansi	132KV Kundera Etawah	26.485862	79.018610	2x63
242	TSW-Agra	132KV Kurawali	27.320012	78.888099	2x40
243	TSE-Prayagraj	132KV Kursato	25.343000	82.839000	2x40
244	TSW-Agra	132KV Kusmara	27.091860	79.282636	2x40

(निदेशक)
अधीक्षण अनियन्ता
सम्यक् निदेशक (निर्वाह एवं वाणिज्य)
उपप्रमुख (निर्वाह एवं वाणिज्य)

132KV Substations, UPPTCL			Count	430	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
245	TC-Lucknow	132KV Laharpur	27.735397	80.892360	1x20+1x40
246	TW-Meerut	132KV Lakhaoti	28.628417	77.959028	1x63+1x40
247	TC-Lucknow	132KV Lakhimpur	27.949100	80.782400	1x63+1x40
248	TSE-Prayagraj	132KV Lalganj	24.986667	82.365278	2x63
249	TSE-Prayagraj	132KV Lalganj	25.929444	81.728056	2x40
250	TNE-Gorakhpur	132KV Lalganj	25.796139	82.994861	2x20
					2x40
251	TSC-Jhansi	132KV Lalitpur	24.741709	78.431786	1x20
252	TW-Meerut	132KV Lalpur	28.903577	79.012493	2x40
253	TW-Meerut	132KV Lalukheri	29.280000	77.200000	2x63
254	TC-Lucknow	132KV Lambhua	26.069890	82.173288	2x40
255	TNE-Gorakhpur	132KV Laxmipur, Kushinagar	26.858511	84.077520	2x40
256	TW-Meerut	132KV Lohianagar	28.928611	77.737500	
257	TSW-Agra	132KV Maant	27.622500	77.716389	2x40
258	TNE-Gorakhpur	132KV Machhalishahar	25.687668	82.412544	2x40
259	TC-Lucknow	132KV Mahamoodabad	27.282000	81.112600	1x40+1x20
260	TNE-Gorakhpur	132KV Maharajganj	27.133889	83.571667	1x63+1x40
261	TSC-Jhansi	132KV Mahoba	25.308967	79.838851	2x40
					3x40
262	TSE-Prayagraj	132KV Malwan	26.012500	80.689722	1x20+1x12.5
263	TSE-Prayagraj	132KV Manauri	25.461667	81.647500	2x63
264	TSE-Prayagraj	132KV Manjhampur	25.486667	81.324444	2x40
265	TC-Lucknow	132KV Mankapur	27.061560	82.235186	2x40
266	TNE-Gorakhpur	132KV Mariyahu	25.625088	82.594955	1x40+1x20
267	TC-Lucknow	132KV Martinpurwa	27.383333	81.600000	3x63
268	TSW-Agra	132KV Mathura-II	27.489444	77.550000	2x63
269	TSW-Agra	132KV Mathuralst	27.453333	77.702778	2x63
270	TSC-Jhansi	132KV Mau	25.293690	81.336300	2x40
271	TNE-Gorakhpur	132KV Mau New	25.886867	83.560422	2x63
272	TNE-Gorakhpur	132KV Mau Old	25.940422	83.571025	1x63+1x40
273	TSC-Jhansi	132KV Mauranipur	25.264095	79.135261	2x40
274	TC-Lucknow	132KV Maurawan, Unnao	26.431498	80.863188	2x40
275	TW-Meerut	132KV Mawana	29.092708	77.918369	1x63+1x40
276	TW-Meerut	132KV Medical College	28.958889	77.738333	2x40+1x63
277	TNE-Gorakhpur	132KV Mehdawal	26.939640	83.054941	2x20+1x40
278	TNE-Gorakhpur	132KV Mehnagar	25.887778	83.086833	1x40+1x20
279	TSC-Jhansi	132KV Mehrauni	24.574125	78.723321	2x20
280	TSE-Prayagraj	132KV Meja Road	25.066944	82.091944	1x63+1x40
281	TC-Lucknow	132KV Milkipur	26.546917	81.829639	2x40
282	TSE-Prayagraj	132KV Minto Park	25.439167	81.862222	1x63+3x40
283	TSW-Agra	132KV Mirachi	27.735009	78.627721	2x40
284	TSE-Prayagraj	132KV Mirzapur	25.133611	82.564444	2x63
285	TC-Lucknow	132KV Mishrikh (U/C)	26.755000	83.373890	
286	TW-Meerut	132KV Modisteel	28.817543	77.560827	2x20
287	TNE-Gorakhpur	132KV Mohaddipur-New	26.751067	83.406867	2x40
288	TNE-Gorakhpur	132KV Mohaddipur-Old	26.750319	83.407586	3x40
289	TNE-Gorakhpur	132KV Mohammadabad	26.021711	83.397061	1x63+1x40
290	TC-Lucknow	132KV Mohammadi	27.954700	80.213500	1x40+1x20
291	TW-Meerut	132KV Mohan Nagar	28.672800	77.386300	3x40+1x20
292	TC-Lucknow	132KV Mohan Road	26.013864	80.816667	3x40

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 अतिरिक्त अभियन्ता
 समग्र निदेशक (नियोजन एवं बाणिज्य)
 उ०प्र०पा०ट्रा०का०लि०

132KV Substations, UPPTCL			Count	430	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
293	TW-Meerut	132KV Morna	29.131720	78.279104	2x40
294	TW-Meerut	132KV Morta (Meerut Road)	28.712360	77.451885	2x63+1x40
295	TSC-Jhansi	132KV Moth	25.714404	78.955982	2x40
296	TSC-Jhansi	132KV MSKP, Kanpur	26.424749	80.292093	2x40
297	TNE-Gorakhpur	132KV Mubarakpur	26.096778	83.304861	2x20
298	TW-Meerut	132KV Mundali	28.850239	77.701392	2x40
299	TNE-Gorakhpur	132KV Mungrabadshahpur	25.705651	82.234526	2x20
300	TC-Lucknow	132KV Musafirkhana Amethi	26.438725	81.772247	2x40
301	TC-Lucknow	132KV N.K.N.	26.960522	80.910022	1x63+1x40
302	TW-Meerut	132KV Nagina	29.469000	78.772000	2x40
303	TW-Meerut	132KV Nagli Kithore	28.873889	77.918333	1x63+1x40
304	TSE-Prayagraj	132KV Naini Complex	25.363611	81.881944	3x40 1x20
305	TW-Meerut	132KV Najibabad	29.604000	78.356000	1x63+1x40
306	TW-Meerut	132KV Nakur	29.915000	77.307000	2x63
307	TC-Lucknow	132kv Nanpara	27.867500	81.499166	3x40
308	TSE-Prayagraj	132KV Narayanpur	25.363889	83.034722	2x20
309	TSW-Agra	132KV Naseerpur	27.153056	78.625833	2x40
310	TNE-Gorakhpur	132KV Nathnagar	26.647644	83.010321	2x20
311	TNE-Gorakhpur	132KV Naugarh	27.278150	83.062190	2x40
312	TNE-Gorakhpur	132KV Nautanwa	27.378532	83.389228	2x40
313	TC-Lucknow	132KV Nawabganj	28.917500	80.050000	2x40
314	TC-Lucknow	132KV Nababganj	26.865580	82.108912	2x40
315	TSC-Jhansi	132KV Neebkarori	27.193783	79.244966	
316	TC-Lucknow	132KV Neri	27.545049	80.710550	1x40+1x20
317	TSW-Agra	132KV Nidhaulikala	27.295574	78.351803	2x40
318	TC-Lucknow	132KV Nindura	27.171902	81.704842	2x20
319	TW-Meerut	132KV Nirpura	29.183459	77.388791	1x63+1x40
320	TW-Meerut	132KV Niwari Road Modinagar	28.844356	77.570875	1x63+1x40
321	TSW-Agra	132KV Odpara	27.595278	78.029167	
322	TSC-Jhansi	132KV Orai	25.998321	79.460838	1x63+2x40
323	TC-Lucknow	132KV Paliya	28.436000	80.571400	2x40
324	TSC-Jhansi	132KV Panwari	25.509333	79.568666	2x20
325	TW-Meerut	132KV Partapur	28.158375	77.112500	1x63+2x40
326	TSE-Prayagraj	132kv Patti	25.925000	82.170000	2x40
327	TC-Lucknow	132kv Payagpur	27.412770	81.776111	2x40
328	TNE-Gorakhpur	132KV Phoolpur	26.093556	82.867806	2x63
329	TC-Lucknow	132KV Pilibhit	28.602853	79.802614	1x63+1x40
330	TSW-Agra	132KV Pinhat	26.898806	78.374475	1x40+1x20
331	TC-Lucknow	132KV Pooranpur	28.511528	80.131919	2x40
332	TC-Lucknow	132KV Powayan	28.047056	80.067833	3x40
333	TSE-Prayagraj	132KV PPDU Nagar	25.242500	83.064167	
334	TSE-Prayagraj	132kv Pratapgarh	25.878889	81.959444	2x40
335	TSW-Agra	132KV Pukhrayan	26.220300	79.823347	2x40
336	TW-Meerut	132KV Pura	28.999932	77.449510	1x63+1x40
337	TW-Meerut	132KV Purkazi	29.657103	77.836590	2x40
338	TNE-Gorakhpur	132KV Purnachhapar	26.418038	83.930282	2x20
339	TC-Lucknow	132KV Rahimabad	26.016661	80.009778	2x40
340	TSE-Prayagraj	132kv Raja ka talab	25.270364	82.842928	2x63
341	TNE-Gorakhpur	132KV Rajapaker, Kushinagar	26.733102	84.154968	2x40

(निदेशक)
अधीक्षण अभियन्ता
सम्यद निदेशक (निर्माण एवं वाणिज्य)
उ०प्र० पा० द्वा० का० लि०

132KV Substations, UPPTCL			Count	430	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
342	TSC-Jhansi	132KV RAJAPUR	25.344474	81.168208	
343	TW-Meerut	132KV Rampur	28.760188	79.056031	2x63+1x40
344	TW-Meerut	132KV Rampur Maniharan	29.812585	77.462000	2x40
345	TW-Meerut	132KV Rampur Maniharan	29.812784	77.462308	2x40
346	TW-Meerut	132KV Ramraj	29.253417	78.009372	1x40+1x20
347	TC-Lucknow	132KV Ramsanehi Ghat	26.796391	81.554794	2x40
348	TNE-Gorakhpur	132KV Rani ki Sarai	26.012167	83.100139	2x20
349	TSE-Prayagraj	132kv Raniganj	25.840281	82.023802	2x40
350	TNE-Gorakhpur	132KV Rasara	25.866111	83.840556	2x40
351	TSW-Agra	132KV Rasoolabad	26.608431	79.755408	2x40
352	TSC-Jhansi	132KV Rath	25.587333	79.568666	2x40
353	TC-Lucknow	132KV Richha	29.150000	79.866667	2x40
354	TSE-Prayagraj	132KV Robertsganj	24.652500	83.057222	1x63+1x40
355	TNE-Gorakhpur	132KV Rudrapur	26.429300	83.610400	2x20
356	TC-Lucknow	132KV S.G.P.G.I.	26.750000	80.942556	3x63
357	TSE-Prayagraj	132KV S/S Kachhawa	25.209490	82.710490	2x20
358	TSW-Agra	132KV S/S Sonkh Road	27.422335	77.560329	1x40+1x20
359	TSW-Agra	132KV Sadabad	27.426389	78.039722	2x40
360	TNE-Gorakhpur	132KV Sadat	25.685278	83.320556	2x63
361	TC-Lucknow	132KV Sahara City Homes	26.928097	80.916389	2x40
362	TC-Lucknow	132KV Sahaswan	28.045583	78.781833	2x40
363	TSE-Prayagraj	132KV Saidabad	25.370833	82.100097	2x20
364	TW-Meerut	132KV Saidnagli	28.669216	78.396317	2x63
365	TNE-Gorakhpur	132KV Saidpur	25.538611	83.200278	1x63+1x40
366	TSE-Prayagraj	132KV Salayakhurd	25.158889	81.931944	2x40
367	TNE-Gorakhpur	132KV Salempur	26.293900	83.924100	2x40
368	TC-Lucknow	132KV Salon, Raebareli	26.019826	81.498168	1x63+1x40
369	TW-Meerut	132KV Sambhal	28.584960	78.580290	2x40
370	TC-Lucknow	132KV Sandila	27.079410	80.462800	1x63+2x40
371	TSE-Prayagraj	132KV Saraiakil	25.402500	81.609444	2x40
372	TW-Meerut	132KV Sardhana	29.126344	77.609817	2x40
373	TC-Lucknow	132KV Sareni, Raebareli	26.117542	80.874305	1x63+1x40
374	TSC-Jhansi	132KV Sarila	25.779633	79.671516	2x40
375	TSE-Prayagraj	132KV Sarnath	25.376111	83.022778	1x100+1x63+1x40
376	TSW-Agra	132KV Sarsol	27.917436	78.031614	2x40
377	TSW-Agra	132KV Sasni	27.703056	78.063056	1x63+2x40
378	TW-Meerut	132KV Sec-115 Noida	28.549203	77.342437	2x40
379	TW-Meerut	132KV Sec-45 Noida	28.521900	77.468100	2x63
380	TW-Meerut	132KV Sec-62 Noida	28.608480	77.379353	2x63
381	TW-Meerut	132KV Sec-66 Noida	28.629459	77.354756	3x63
382	TNE-Gorakhpur	132KV Semari-Jamalpur	26.048903	83.645847	2x40
383	TC-Lucknow	132KV Shahabad	27.586520	79.892260	2x40
384	TW-Meerut	132KV Shahabad	28.566477	79.007850	2x20
385	TNE-Gorakhpur	132KV Shahganj	26.577583	82.686144	2x40
386	TC-Lucknow	132KV Shahjahanpur	27.913472	79.920222	2x40+1x20
387	TW-Meerut	132KV Shamli Shyamla	29.628969	77.418281	2x20+1x40
388	TSW-Agra	132KV Shamshabad	27.002861	78.062336	2x40

132KV Substations, UPPTCL			Count	430	
Sl. No.	Zone	Sub-Station	Coordinates of Substation		MVA Capacity
			Latitude	Longitude	
389	TSE-Prayagraj	132KV Shankargarh	25.208333	81.602778	2x40
390	TNE-Gorakhpur	132KV Shatrughanpur	25.682203	82.766768	2x40
391	TW-Meerut	132KV Sherkot	29.355200	78.552900	2x20
392	TW-Meerut	132KV Shikarpur	28.307080	77.851090	2x40
393	TSW-Agra	132KV Shikohabad	27.093333	78.608889	1x63+1x40
394	TNE-Gorakhpur	132KV Siddiquepur	25.830677	82.703497	2x20
395	TNE-Gorakhpur	132KV Sikandarpur	26.058611	84.019444	1x63+1x40
396	TSW-Agra	132KV Sikandrarao	27.702913	78.396073	2x40
397	TW-Meerut	132KV Singhawali	28.984863	77.397644	1x63+1x40
398	TSE-Prayagraj	132KV Sirathu	25.642778	81.328611	1x63+1x40
399	TC-Lucknow	132KV Sitapur	27.545345	80.710820	1x20+1x12.5
400	TC-Lucknow	132KV Sonik, Unnao	26.669627	80.369171	1x63+2x40
401	TSE-Prayagraj	132KV Soraon	25.610000	81.870000	3x40
402	TC-Lucknow	132KV Srimau	25.610000	81.870000	2x40
403	TSW-Agra	132KV Sultanganj	27.497309	79.789106	2x20
404	TC-Lucknow	132KV Sultanpur Road (Awasthi Vikas)	27.226146	79.218413	2x20
405	TW-Meerut	132KV Surajpur Noida	26.755261	80.975972	2x40
406	TW-Meerut	132KV Syana	28.532941	77.392909	2x63+1x40
407	TC-Lucknow	132KV Syana	28.627611	78.041361	1x63+1x40
408	TSW-Agra	132KV T.R.T.	26.014111	80.014833	3x63
409	TW-Meerut	132KV Taj	27.165581	78.056208	1x63+2x40
410	TW-Meerut	132KV Tajpur	30.050170	79.049010	2x40
411	TSC-Jhansi	132KV Takha	26.543368	79.171552	1x40+1x20
412	TSC-Jhansi	132KV Talgram	27.848630	79.305229	2x40
413	TC-Lucknow	132KV Tanda	26.540000	82.645389	2x63
414	TW-Meerut	132KV Tanda	28.975210	78.942967	2x40
415	TW-Meerut	132KV Teela Mode	28.735580	77.319410	2x63
416	TSE-Prayagraj	132KV Teliarganj	25.475278	81.870556	2x63
417	TW-Meerut	132KV Textile Centre Pilkhuwa	28.710745	77.677170	2x40
418	TW-Meerut	132KV Thakurdwara	28.682740	78.740283	2x40+1x20
419	TW-Meerut	132KV Thanabhawan	29.629692	77.438478	1x63+1x40
420	TC-Lucknow	132KV Tilhar	27.956528	79.752667	2x40
421	TC-Lucknow	132KV Tripura, Raebareilly	26.249112	81.241163	2x63
422	TC-Lucknow	132KV Tulsipur	27.543810	82.427182	1x40
423	TSW-Agra	132KV Tundla	27.221222	78.311750	1x63+1x40
424	TC-Lucknow	132KV Ujhani	28.005083	79.019803	2x40
425	TW-Meerut	132KV UPSIDC (Massuri)	28.659073	77.563368	2x40
426	TC-Lucknow	132KV Usawan	27.818806	79.345444	2x40
427	TC-Lucknow	132KV Utraula	27.346930	82.314491	1x40+1x20
428	TW-Meerut	132KV Vashali	28.390277	77.195518	1x63+2x40
429	TSW-Agra	132KV Vrindavan	27.557222	77.680833	2x63
430	TSE-Prayagraj	132KV Yamuna Pump Canal	25.299444	81.569444	2x20
430	TNE-Gorakhpur	132KV Zamania	25.416389	83.562222	1x63+1x40

अनिल सिंह

 अध्यक्ष अभियन्ता

 राज्य निर्देशक (निर्माण एवं वाणिज्य)

 उ०प्र० पा० द्रो० का० लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 765KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level (kV)	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning (dd/mm/yyyy)
1	TC	765KV ANPARA C-UNNAO LINE	S/C	765	408.600	Quad Bersimis	1/23/2012
2	TSE	765kV Anpara C-Anpara D S/C Line	S/C	765	2.600	Quad bersimis	5/30/2014
3	TSW	765 KV LAITPUR- FATEHABAD(AGRA) CKT-I	S/C	765	336.810	QUAD ACSR BERSIMIS	10/1/2016
4	TSW	765 KV LAITPUR FATEHABAD(AGRA)CKT-II	S/C	765	335.630	QUAD ACSR BERSIMIS	4/11/2017

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 (मनोज सिंह)
 अधीक्षण अभियन्ता
 समग्र निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र०पा०ट्रा०का०लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED, 400KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level (kV)	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning (dd/mm/yyyy)
3	TSC	400KV Banda(400kv)-Rewa Road-II line	D/C	400	177.000	quad Moose	5/8/2017
4	TSC	400KV Banda(400kv)-Rewa Road-I line	D/C	400	177.000	quad moose	6/2/2017
5	TSE	400KV Rewa-Road- Masauli Line	DC	400	65.561	ACSR Quad moose condu	2/5/2019
6	TSW	400 kV Agra-Fatehabad-I	S/C+D/C	400	104.000	Twin moose	1998
7	TW	400KV Ataur- Muzaffarnagar line	S/C	400	121.310	Moose	
8	TW	400 kV Muradnagar- Ataur Line	S/C	400	17.600	Moose	
9	TC	400 KV Bareilly-Unnao Ckt-II	D/C	400	271.000	MOOSE	01.01.2001
10	TC	400 KV Bareilly-Unnao Ckt-I	D/C	400	271.000	MOOSE	15.01.2001
11	TC	400KV UNNAO-SARDHINI NAGAR, LUCKNOW	S/C	400	39.160	TWIN MOOSE	11/17/1998
14	TC	400KV SAROJINAGAR -KURSI ROAD LINE (PGCIL)	S/C	400	63.500	TWIN MOOSE	12/8/2007
17	TC	400 KV Sultanpur - Tanda Thermal	S/C	400	101.540	Twin Moose	01.06.2019
18	TC	400 KV Sultanpur - Obra Line	S/C	400		Twin Moose	04.10.1977
20	TNE	400KV Azamgarh-TANDA line (NTPC)	S/C	400	153.200	Twin Moose Conductor	
22	TNE	400KV Samath(400kv)-Azamgarh Line	S/C	400	96.682	Twin moose	3/17/1994
23	TNE	400KV Anpara(400kv)-Samath (L5) Line	S/C	400	158.341	Twin moose	7/31/1998
24	TNE	400KV Anpara(400kv)-Samath (L3) Line	S/C	400	157.653	Twin moose	3/17/1994
25	TNE	400KV Anpara(400kv)-Obra (L2) Line	S/C	400	40.000	Twin moose	11/10/1987
28	TNE	400KV Anpara(400kv)-Mau (L6) Line	S/C	400	262.941	Twin moose	4/10/2001
29	TNE	400KV Mau- Azamgarh line	SC	400	48.400	Twin Moose	4/1/1993
30	TNE	400KV Motiram GKP(400kv)-PGCIL-2 line (CB-93)	D/C	400	45.600	Twin Moose	1/3/2006
31	TNE	400KV Motiram GKP(400kv)-PGCIL-1 line (CB-92)	D/C	400	45.600	Twin Moose	1/3/2006
32	TNE	400KV Motiram GKP(400kv)-Azamgarh line (CB-91)	S/C	400	89.830	Twin Moose	1/3/2006
33	TSC	400 KV Banda(400KV)-Orai-III Line	D/C	400	108.000	quad Moose	
34	TSC	400 KV Banda(400kv)-Orai-I Line	D/C	400	108.000	quad Moose	
35	TSC	400KV Orai(UPPTCL)-ORAI(PG) LINE-2	D/C	400	42.000	Quad moose	7/2/2012
36	TSC	400KV Orai(UPPTCL)-ORAI(PG) LINE-1	D/C	400	42.000	Quad moose	7/2/2012
37	TSC	400KV Orai(400kv)-PTPS Line-II	D/C	400	111.940	Twin moose	8/10/2018
38	TSC	400KV Orai(400kv)-PTPS Line-I	D/C	400	111.940	Twin moose	10/6/2016
39	TSC	400KV Orai(400kv)-Mainpur(765KV) Line-II	D/C	400	176.870	Twin moose	8/10/2018
40	TSC	400KV Orai(400kv)-Mainpur(765KV) Line-I	D/C	400	176.870	Twin moose	10/6/2016
41	TSE	400KV Masauli-Meja line	DC	400	33.655	ACSR Quad moose condu	2/5/2019
42	TSE	400KV Rewa-Road- Masauli-II Line	DC	400	65.561	ACSR Quad moose condu	2/5/2019
43	TSE	400kv Anpara B -Anpara D D/C Line	DC	400	5.000	quad moose	3/31/2016
44	TSW	400 kV Agra-Fatehabad-II	S/C+D/C	400	56.000	Twin moose	2002
45	TSW	400 KV Aligarh- Sikandrabad Line.	D/C	400	188.570	Twin Moose	04.05.2017
46	TSW	400 KV Aligarh- Muradnagar Line.	S/C	400	177.580	Twin Moose	09.10.2015
48	TSW	400 kV Unnao-Agra Line	S/C	400	280.883	Twin Moose	1/1/1998
49	TSW	400 kV Panki- Unnao Line	S/C	400	48.730	Twin Moose	9/15/1998
50	TSW	400 kV Panki - Aligarh Line	S/C	400	285.959	Twin Moose	10/9/2015
52	TSW	400 KV Fatehabad-Manth ckt-2	S/C, D/C in UL	400	150.900	Twin ACSR Moose	10/2/2017
53	TSW	400 KV Fatehabad-Manth ckt-1	S/C	400	141.800	Twin ACSR Moose	4/12/2017
54	TSW	400 kV Fatehabad-Agra South Line	D/C	400	70.000	Twin Moose-ACSR	7/17/2018
55	TW	400 KV Muradnagar II-Mathura Line	S/C	400	157.800	moose	
57	TW	400KV Gr. Noida (765KV)-Gr. Noida (400 KV) Ckt-I line	DC	400	45.600	ACSR MOOSE	8/26/2017
58	TW	400 KV Gr.Noida(765)-Gr. Noida(400kv) Ckt-II Line	DC	400	45.600	ACSR MOOSE	7/10/2017
60	TW	400 kV Moradabad-Hapur Line	S/C	400	108.900	Twin Moose	5/17/2017
62	TW	400 KV Muzaffarnagar-Alakhanda Transmission Line	S/C	400	188.500	Twin Moose	11/12/2014
63	TW	400 KV Muzaffarnagar - Vishnu Prayag Transmission Line	S/C	400	283.500	Twin Moose	7/8/2006
64	TW	400 KV Alakhanda-Vishnu Prayag Transmission Line	S/C	400	108.900	Twin Moose	12/19/2014
67	TW	400 kV Nehtaur(400)-Kashipur Line Tower No. 141 to 233	S/C	400	35.100	Twin Moose	1/11/2006



(मनोज सिंह)
अधीक्षण अभियन्ता
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०दा०का०लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 220KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level (kV)	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning (dd/mm/yyyy)
1	TNE	220 KV PGCL - Bansi line	S/C	220	71.400	Single Zebra	24.03.2018
2	TSE	220kv Obra-Prayagraj-II Line	SC	220	210.000	Deer	
3	TSE	220kv Obra-Prayagraj-I Line	SC	220	210.000	Deer	
4	TSE	220kv Mirzapur-Prayagraj Line	SC	220	97.000	Deer	
5	TSE	220kv Obra- Sahupuri Line-II	DC	220	98.600	DEER	
6	TSE	220kv Obra- Sahupuri Line-I	DC	220	102.300	Deer	
7	TSW	220KV PGCL-Shamshabad Road	DC	220	2.800	Zebra	26.12.10
8	TSW	220KV Mainpuri (PGCL) - Sirsaganj Line	S/C+D/C	220	57.030	Zebra	14.09.2016
9	TSW	220 KV Mainpuri-PGCL MAINPURI line	D/C	220	25.430	Zebra	6/16/2006
10	TSW	220 KV Mainpuri-PGCL Kanpur line	D/C	220	155.800	Zebra	3/5/1967
11	TSW	220KV Mainpuri - PGCL(Bhogason) Line	S/C	220	8.000	Deer	09.10.2010
12	TSW	220KV Etah- PGCL(Bhogason) Line	S/C	220	41.500	Deer	09.10.2010
13	TSW	220KV NAPP-Atrauli Line	S/C	220	40.000	Zebra	26.08.2006
14	TSW	220 KV Akarabad-Khair Line	S/C	220	59.020	zebra	02.08.2014
15	TSW	220 KV Boner-Akarabad Line	S/C	220	12.500	zebra	22.12.2017
16	TSW	220KV Aligarh (400)-Khair Line.	S/C	220	59.020	Single Zebra	22.12.2015
17	TSW	220kv sikandra PGCL	S/C	220	58.596	Zebra	5/28/2018
18	TSW	220 kv Rania-PGCL Kanpur Line	S/C	220	18.361	Zebra	4/3/2017
19	TSW	220 kv RPH -Unnao Line	S/C	220	38.406	Deer	12/29/2002
20	TSW	220 kv Panki- RPH Line	S/C	220	12.745	Deer	12/29/2002
21	TSW	220 KV Manth-Chhata Line-1	D/C	220	34.050	single ACSA Zebra	4/19/2017
22	TW	220kv Muradnagar-Ataur line	S/C	220	14.800	Deer+Zebra	
23	TW	220 kv Attor- Morti Line	D/C	220	6.310	ZEBRA	3/7/2017
24	TW	220 MDR (220 kV)- Ataur Line (Loni Line LILO at 400 KV Ataur)	S/C	220	27.200	ACSR ZEBRA CONDUCTOR	
25	TW	220 KV Sahibabad-Noida Sec- 62- Gazipur Line	D/C	220	6.225	ZEBRA+DEER	5/14/2016
26	TW	220 kv Inter connector-II Line	S/C	220	3.540	Zebra	2002
27	TW	220 kv Inter connector-I Line	S/C	220	8.835	Deer+Zebra	2008
28	TW	220 KV MURADNAGAR-ATAUR LINE	S/C	220	43.380	DEER	08-28-2019
29	TW	220 KV Khurja-NAPP	SC	220	61.047	ACSR ZEBRA	1990
30	TW	220 KV Debai-NAPP	SC	220	21.618	ACSR ZEBRA	2015
31	TW	220 kv Simbhaoli-NAPP	S/C	220	51.428	ACSR ZEBRA	6/6/2005
32	TW	220 kv Simbhaoli-Mator	S/C	220	83.906	ACSR ZEBRA	6/6/2005
33	TW	220 KV Sikandrabad (400)-Sikandrabad (220) Line	D/C	220	25.180	ACSR ZEBRA	4/15/2017
34	TC	220 KV Bareilly-Pilibhit ckt II	D/C	220	39.400	Zebra	11/6/2017
35	TC	220 KV Bareilly-Pilibhit ckt I	D/C	220	39.400	Zebra	11/6/2017
36	TC	220KV Bareilly -Dohna ckt II	D/C	220	7.850	Zebra	09.03.2014
37	TC	220KV Bareilly -Dohna ckt I	D/C	220	7.850	Zebra	09.03.2014
38	TC	220 KV Dohna-ROZA Line	D/C	220	108.065	Zebra	04.04.2016
39	TC	220 KV Dohna- CB Ganj line	S/C	220	10.316	Zebra	28.10.2008
40	TC	220 KV Bareilly(400)-CB Ganj ckt II	D/C	220	25.000	Zebra	15.06.2019
41	TC	220 KV Bareilly(400)-CB Ganj ckt I	S/C	220	16.270	Zebra	16.05.2000
42	TC	220 CB GANJ - BADAUN Line	S/C	220	52.390	Zebra	21.06.1992
43	TC	220 kv Budaun - Roza Ckt-II	D/C	220	96.430	Zebra	17.06.2011
44	TC	220 kv Budaun - Roza Ckt-I	D/C	220	96.430	Zebra	17.12.2010
45	TC	220 KV Bareilly (400kv)-Shahjahanpur Line	S/C	220	90.050	Zebra	22.07.2003
46	TC	220 Kv Sohawal- Gonda Line	S/C	220	85.000	ACSR Zebra Conductor	3/18/2016
47	TC	220 Kv Gonda (400)-Gonda Line	S/C	220	13.400	ACSR Zebra Conductor	6/26/2016
48	TC	220 KV Gonda (400) - Bahraich Line	D/C	220	72.187	ACSR Zebra Conductor	6/26/2016
49	TC	220 KV Sohawal (PGCL) - Barabanki (220 KV) Line	D/C	220	69.275	ACSR Zebra Conductor	4/14/2018
50	TC	220 kv Kursi Road - PGCL Lucknow(400KV) Line	D/C	220	15.000	ACSR Zebra	8/24/2016
51	TC	220 kv Kursi Road - Hardoi Road Line	S/C	220	33.000	ACSR Zebra	3/30/2015
52	TC	220 kv Gomti Nagar - Sarojini Nagar Line	S/C	220	38.000	ACSR Moose	12/30/2008
53	TC	220 kv Chinhat - PGCL Lucknow(400KV) Line	S/C	220	24.070	ACSR Zebra	7/23/2006
54	TC	220 kv Chinhat - Gomti Nagar Line	S/C	220	12.440	ACSR Zebra	3/30/2015
55	TC	220 kv Chinhat - Gomti Nagar Line	S/C	220	14.000	ACSR Moose	4/7/2007
56	TC	220 kv CG City - Chinhat Line	S/C	220		ACSR Moose + 1200 sq mm XLPE	04/2007 and 31/03/20
57	TC	220 kv B.K.T. - PGCL Lucknow 400 Line	S/C	220	15.880	ACSR Zebra	3/31/2015
58	TC	220 kv CG City-Raebareilly PGCL Line	S/C	220		ACSR Moose + 1200 sq mm XLPE	04/2007 and 31/03/20
59	TC	220 kv B.K.T. - Sitapur Line	S/C	220	68.440	ACSR Zebra	3/30/2015
60	TC	220 kv Unnao - Kanpur Road O/H+ U/G	S/C	220		220 KV 630 sq mm XLPE	30/03/2018/ 1974
61	TC	220 KV Sarojini Nagar - Hardoi Road Line	S/C	220	18.670	ACSR Zebra	2003
62	TC	220 KV Hardoi Road - Kursi Road (PGCL) line	S/C	220	13.000	ACSR Zebra	2003
63	TC	220 kv Sarojini Nagar - Kanpur Road U/G	S/C	220	4.540	220 KV 630 sq mm XLPE	3/30/2018
64	TC	220KV UNNAO-R.P.H LINE	S/C	220	34.640	SINGLE ZEBRA	11/8/1998
65	TC	220KV Unnao-PHOOLBAGH-II Line	D/C	220	28.000	SINGLE ZEBRA	10/4/2019
66	TC	220KV Unnao-PHOOLBAGH-I Line	D/C	220	28.000	SINGLE ZEBRA	10/4/2019
67	TC	220KV UNNAO-DAHI CHOWKI UNNAO LINE	S/C	220	0.500	SINGLE ZEBRA	6/1/2019
68	TC	220KV UNNAO-BITHOOR LINE	S/C	220	47.000	SINGLE ZEBRA	11/5/1998
69	TC	220KV UNNA-GIS KANPUR ROAD LINE	D/C	220	46.470	SINGLE ZEBRA	3/30/2018
70	TC	220 KV Sarojini Nagar- Unnao Line	S/C	220	41.930	Moose	
71	TC	220 KV Sarojini Nagar- Kanpur Road Line	S/C	220	5.200	Moose	
72	TC	220 KV Sarojini Nagar- Hardoi Road Line	S/C	220	38.000	Moose	
73	TC	220 KV Sarojini Nagar- Gomtinagar Line	S/C	220	45.240	Moose	
74	TC	220 KV Sarojini Nagar- Bachrawan Line	S/C	220	82.000	Moose	

(मन्मथ सिंह)
अधीक्षण अभियन्ता
सम्बद्ध निदेशक (नियोजन एवं वाणिज्य)
उपप्रबन्धक-कानपुर

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 220KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level (kV)	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning (dd/mm/yyyy)
75	TC	220KV Sitapur-Shahjahanpur line	S/C	220	91.080	ACSR Zebra	8/20/1983
76	TC	220KV Sitapur-Nighasan line	S/C	220	109.000	ACSR Zebra	5/14/2018
77	TC	220KV Shahjahanpur-Roza DC	S/C	220	19.500	Zebra	5/13/2011
78	TC	220KV Shahjahanpur-Nighasan line	S/C	220	154.930	Zebra	3/31/2016
79	TC	220 KV Hardoi-SPN (PGCIL) line	DC	220	60.000	ACSR Zebra	8/24/2016
80	TC	220 KV Hardoi-Shahjahanpur line-I	DC	220	72.000	ACSR Zebra	11/1/2006
81	TC	220 KV Hardoi - Shahjahanpur Line-II	DC	220	71.850	Zebra	
82	TC	220 KV Hardoi - Shahjahanpur (PGCIL) Line	DC	220	60.000	Zebra	
83	TC	220 KV Sultanpur-NTPC Tanda line	S/C	220	69.870	ACSR Zebra	04.04.1985
84	TC	220 KV Sultanpur-New Tanda line	S/C	220	64.340	Deer+Zebra(ULO)	04.04.1985(06.06.2015)
85	TC	220kv Amethi - Sultanpur	S/C	220	35.450	ACSR Zebra	25.04.2019
86	TC	220 KV Bachhrawan(Raebareli) - Sarojani nagar line	D/C+S/C	220		Zebra + Moose(Lilo)	(26-05-2018)
87	TC	220 KV Bachhrawan(Raebareli) - Raebareli(PGCIL) line	D/C+S/C	220		Zebra + Moose(Lilo)	(28-05-2018)
88	TC	220KV Raebareli(PGCIL)-Unchahar(NTPC)-I	D/C	220	40.626	ACSR Moose	7/2/2018
89	TC	220KV Raebareli(PGCIL)-Unchahar(NTPC)-I	D/C	220	40.626	ACSR Moose	7/2/2018
90	TC	220KV Sultanpur-Sohawal line	S/C	220	77.232	ACSR Zebra	1984 (12/12/2009)
91	TC	220KV PGCIL Sohawal-Sohawal Ckt. 2	D/C	220	23.700	ACSR Zebra	3/3/2017
92	TC	220KV PGCIL Sohawal-Sohawal Ckt. 1	D/C	220	23.700	ACSR Zebra	3/3/2017
93	TC	220KV PGCIL Sohawal-New Tanda Ckt. 2	D/C	220	113.000	ACSR Zebra	
94	TC	220KV PGCIL Sohawal-New Tanda Ckt. 1	D/C	220	113.000	ACSR Zebra	
95	TC	220KV NTPC Tanda-New Tanda Ckt. 3	D/C	220	21.041	ACSR Zebra	
96	TC	220KV NTPC Tanda-New Tanda Ckt. 2	D/C	220	21.041	ACSR Zebra	
97	TC	220KV NTPC Tanda-New Tanda Ckt. 1	S/C	220	24.000	ACSR Zebra	6/6/2015
98	TNE	220 kV Sarnath-Azamgarh (200kv)II Line	S/C	220	59.500	Zebra Conductor	1/31/2018
99	TNE	220 KV Azamgarh(200kv) - Jaunpur Line	S/C	220	73.120	Zebra Conductor	7/31/1987
100	TNE	220KV Tanda-Basti (220kv)Line	S/C	220	51.800	Single Zebra	30.1.1987
101	TNE	220KV Gonda-Basti(220kv)Line	S/C	220	105.000	Single Zebra	26.11.2015
102	TNE	220KV Bansil(220kv)-Basti Line	S/C	220	71.400	Single Zebra	22.3.2018
103	TNE	220KV Sarnath(400kv)-Sahupuri Line	S/C	220	19.171	Zebra	3/17/1994
104	TNE	220KV Sarnath(400kv)-Harhua Line	S/C	220	42.870	Zebra	12/31/2015
105	TNE	220KV Harhua(220kv)-Azamgarh Line	S/C	220	97.412	Zebra	12/31/2015
106	TNE	220 KV Sarnath(400 KV)-Ghazipur(220 KV) Line	S/C	220	51.954	Zebra	8/26/1994
107	TNE	220 KV Ghazipur(220kv)-Rasara Line	S/C	220	59.600	Zebra	9/12/2014
108	TNE	220 KV Rasra-Deoria Line	S/C	220	83.400	Zebra	06.07.2019
109	TNE	220KV PGCIL - Barahuwa line	S/C	220	9.710	Zebra	2007
110	TNE	220 KV PGCIL-GOLA line	D/C	220	41.178	Zebra	april 2019
111	TNE	220KV Tanda - Barahuwa Line	S/C	220	78.000	Zebra	1978
112	TNE	220 KV Motiram adda - Hata Line D/C (under Const.)	D/C	220	26.300	Zebra	
113	TNE	220 KV Deoria - Hata Line D/C (under Const.)	D/C	220	39.320	zebra	
114	TNE	220KV Motiram GKP(400kv)-Motiram GKP(220)-2 (O/G-2)	Via Bus-Bar	220	0.500	Twin Zebra	1/1/2011
115	TNE	220KV Motiram GKP(400kv)-Motiram GKP(220)-1 (O/G-1)	Via Bus-Bar	220	0.500	Twin Zebra	1/1/2011
116	TNE	220KV Motiram GKP(400kv)-Hata-2 Line (CB-87)	D/C	220	26.300	Zebra	10/1/2018
117	TNE	220KV Motiram GKP(400kv)-Hata-1 Line (CB-86)	D/C	220	26.300	Zebra	10/1/2018
118	TNE	220KV Motiram GKP(400kv)-Deoria line (CB-81)	S/C	220	35.500	Zebra	10/30/2005
119	TNE	220KV Motiram GKP(400kv)-Barahuwa-2 Line (CB-83)	D/C	220	24.600	Zebra	Oct-2006
120	TNE	220KV Motiram GKP(400kv)-Barahuwa-1 Line (CB-82)	D/C	220	24.600	Zebra	Oct-2005
121	TSC	220KV Parichha (UPRNL)-Mahoba Ckt line.	S/C line on D/C	220	145.000	zebra conductor	
122	TSC	220 KV Mahoba(220kv)-Banda (400 KV) line	S/C	220	52.000	Single zebra	
123	TSC	220 KV PAHADI(220kv)-REWA ROAD LINE-II	D/C	220	91.000	Single zebra	2/3/2019
124	TSC	220 KV PAHADI(220kv)-REWA ROAD LINE-I	D/C	220	91.000	zebra conductor	2/3/2019
125	TSC	220 KV Banda(400 KV)-Pahadi Chitrakoot-II Line	D/C	220	113.000	single zebra	
126	TSC	220 KV Banda (400 KV)-Pahadi Chitrakoot-I Line	D/C	220	113.000	single zebra	
127	TSC	220KV Banda(220kv)-Banda(400) line-I	S/C on D/C	220	26.000	zebra conductor	8/9/2016
128	TSC	220 KV Banda(220kv)-Banda(400) line-II	S/C on D/C	220	26.000	single zebra	
129	TSC	220 KV Banda(220kv) - Fatehpur (220) line	S/C	220	66.800	zebra conductor	10/5/2002
130	TSC	220KV Sarh(220kv)-Fatehpur(PG) line-II	D/C	220	75.218	Zebra	5/4/2018
131	TSC	220KV Sarh(220kv)-Fatehpur(PG) line-I	D/C	220	75.218	Zebra	5/4/2018
132	TSC	220KV Naubasta(220kv)-Fatehpur(PG) line	S/C	220	83.000	DEER & ZEBRA	1/7/1989
133	TSC	220KV Naubasta(220kv)-Bhauri (PG) line	S/C	220	14.000	DEER & ZEBRA	7/1/1989
134	TSC	220KV Kanpur South(220kv)-Panki line	S/C	220	28.000	DEER & ZEBRA	
135	TSC	220KV Kanpur South(220kv)-Fatehpur(PG) line	S/C	220	67.000	DEER & ZEBRA	
136	TSC	220 kV Neemkaroni(220kv)-Bhugaon	D/C	220	35.160	ZEBRA	
137	TSC	220KV Mainpuri(220kv)-Chhibramau (220kv) line	S/C	220	51.000	DEER & ZEBRA	
138	TSC	220KV Chhibramau(220kv)-Panki line	S/C	220	107.500	DEER & ZEBRA	
139	TSC	220KV Saifai(220kv)-Mainpuri line	D/C	220	40.000	ZEBRA	
140	TSC	220KV Saifai(220kv)-Bharthana line	D/C	220	45.000	ZEBRA	
141	TSC	220KV Bharthana(220kv)-Parichha line	S/C	220	179.000	Panther	
142	TSC	220 KV Bah-Mainpuri line	D/C	220	98.500	Zebra	
143	TSC	220KV Orail(220kv)-PTPS Line-III	D/C	220	104.000	single zebra	
144	TSC	220KV Orail(220kv)-PTPS Line-II	D/C	220	103.700	single zebra	
145	TSC	220KV Orail(220kv)-PTPS Line-I	D/C	220	112.000	single zebra	
146	TSC	220KV Orail(220kv)-Bah Line	S/C	220	241.500	single zebra	9/7/2016
147	TSC	220KV Lalitpur(220kv)-LPGCIL line-II	D/C	220	18.500	single zebra	4/20/2015
148	TSC	220KV Lalitpur(220kv)-LPGCIL line-I	D/C	220	18.500	single zebra	

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 220KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level (kV)	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning (dd/mm/yyyy)
149	TSC	220KV Dunara(220kv)-PTPS line-II	D/C	220	14.200	single zebra	5/14/2012
150	TSC	220KV Dunara(220kv)-PTPS line-I	D/C	220	14.200	single zebra	5/17/2012
151	TSC	220KV Dunara(220kv)-LPGCIL line-II	D/C	220	92.238	single zebra	6/20/2014
152	TSC	220KV Dunara(220kv)-LPGCIL line-I	D/C	220	92.238	single zebra	6/14/2014
153	TSC	220KV Orai(400kv)-Orai(220KV) line	S/C	220	12.880	single zebra	11/2/2017
154	TSC	220KV Orai(400kv)- Shikandra	S/C	220	87.760	Single zebra	4/6/2018
155	TSE	220KV Sultanpur-Pratapgarh Line	SC	220	48.100		2/1/2016
156	TSE	220KV Pratapgarh-Phoolpur Line	SC	220	46.500		2/1/2016
157	TSE	220KV Unchahar Fatehpur DC line	DC	220	55.600	DEER	
158	TSE	220KV PGCIL Fatehpur line	DC	220	12.300	Zebra	
159	TSE	220KV Fatehpur Sirathu line	DC	220	66.500	Zebra	
160	TSE	220 KV Sirathu- Fatehpur Ckt. Line	SC	220	67.820	Zebra	
161	TSE	220 KV Rewa Road Sirathu Ckt. Line	SC	220	58.000	Zebra	
162	TSE	220KV Rewaroad- Chitrakoot (Pahadi) line ckt - II	DC	220	90.912	Zebra conductor	2/28/2019
163	TSE	220KV Rewaroad- Chitrakoot (Pahadi) line ckt - I	DC	220	90.912	Zebra conductor	2/23/2019
164	TSE	220 KV Rewa Road-Isolux-II Line	DC	220	0.380	H.T. L.S CONDUCTOR	6/10/2015
165	TSE	220 KV Rewa Road-Isolux-I Line	DC	220	0.380	H.T. L.S CONDUCTOR	6/10/2015
166	TSE	220 KV Rewa Road-Cantt. Line	DC	220	9.796	5.586KM-DEER & 4.21KM	12/25/2004
167	TSE	220 KV Cantt.-Fatehpur Line	DC	220	123.887	15.82km-zebra conducto	12/5/2004
168	TSE	220kv Obra-Mirzapur Line	SC	220	127.000	Deer	
169	TW	220 KV Gr.Noida-RC Green Ckt-II(Gharbara)	DC	220	23.500	ACSR ZEBRA	10/26/2011
170	TW	220 KV Gr.Noida-RC Green Ckt-I	DC	220	7.500	ACSR ZEBRA	10/26/2011
171	TSE	220 kv Sahupuri(220kv)- Pusaali Line	SC	220	72.000	Deer	
172	TSE	220 kv Sahupuri(220kv)-Bhelupur Line	DC	220	9.090	Zebra	
173	TSE	220 KV Aurai (400) - Raja Ka Talab Line	SC/DC	220	17.570	Zebra	
174	TSE	220 kv Sarnath(400)-Harhuwa Line	DC	220	21.854	Zebra	
175	TSE	220 kv Sarnath(400)-Gajokhar Line	SC	220	30.163	Zebra	
176	TSE	220 kv Sarnath(400)-Birapatti Railway Line	SC	220	23.397	Zebra	5/1/2013
177	TSE	220 kv Gajokhar-Jaunpur Line	SC	220	37.088	Zebra	1/2/2016
178	TSE	220 KV Sahupuri - Raja Ka Talab Line	SC/DC	220	62.750	Zebra	7/17/2019
179	TSW	220KV Mainpuri-Bah ULO Line	SC	220	98.500	Zebra	08.09.16
180	TSW	220 KV Agra(400kv)(4)- Sikandra220 (2) Line	DC	220	12.000	Zebra	1998
181	TW	220 KV Gr.Noida-Noida Sec-20 Ckt-I	DC	220	31.000	ACSR ZEBRA	5/11/2007
182	TSW	220KV Agra(4)-Shamshabad Road	DC	220	36.520	Zebra	26.12.10
183	TSW	ULO of 220 KV Firozabad-Mainpuri(PGCIL) @ Sirsaganj	DC	220	33.620	Zebra	
184	TSW	220KV Mainpuri - Sirsaganj Line	SC+DC	220	41.300	Zebra	12.09.2016
185	TSW	220KV Mainpuri (PGCIL) - Firozabad Line	S/C+D/C	220	76.500	Zebra	27.06.1984
186	TSW	220KV Agra (PGCIL) - Firozabad Line	SC+DC	220	59.950	Zebra	26.03.1984
187	TSW	220 KV Firozabad-Mainpuri(PGCIL) Line	SC	220	60.000	Zebra	
188	TSW	220 KV Firozabad-Agra(PGCIL) Line	SC	220	34.580	Zebra	
189	TSW	ULO of 220 KV Mainpuri-Harduanj at 400 KV PGCIL Bhogaon	D/C	220	36.000	Single Zebra	1/14/1900
190	TSW	ULO of 220 KV Mainpuri-Ferozabad at 400 KV PGCIL Mainpuri	D/C	220	46.000	Single Zebra	12.07.2006
191	TW	220 KV Chandausi-Badaun Line	S/C	220	67.014	ZEBRA	3/18/2017
192	TSW	ULO of 220KV Harduanj- Mainpuri(PG) @ 220 KV S/S Etah	S/C	220	0.634	Single Zebra	12.08.2010
194	TSW	220KV Harduanj-Sikandra Rao Line	S/C	220	48.200	Deer	05.06.2016
195	TSW	220KV Aligarh (400)-Sikandra Rao-II Line	D/C	220	35.152	Zebra	7.10.2017
196	TSW	220KV Harduanj- Jahangirabad Line-I	D/C	220	49.700	Zebra	07.06.2012
197	TSW	220KV Harduanj- Jahangirabad Line-II	D/C	220	49.700	Zebra	07.06.2012
198	TSW	220KV Harduanj-Atrauli Line	S/C	220	19.000	Zebra	26.08.2006
199	TSW	220KV Sikandra Rao- Mainpuri Line	S/C	220	83.300	Deer	05.06.2016
200	TSW	220KV Harduanj-Khurja Line-I	D/C	220	42.400	Deer	05.02.1965
201	TSW	220KV Harduanj-Khurja Line-II	D/C	220	42.400	Deer	05.02.1965
202	TSW	220KV Harduanj- Etah Line	S/C	220	78.500	Deer	12.08.2010
203	TSW	220 KV Boner-Harduanj Line	S/C	220	23.560	zebra	30.09.2015
204	TSW	220KV Aligarh (400)-Sikandra Rao-I Line	D/C	220	35.760	Single Zebra	07.10.2017
205	TSW	220KV Aligarh (400)-Boner Line.	S/C	220	33.100	Single Zebra	22.12.2015
206	TSW	220kv Sikandra-Oral Line	S/C	220	87.764	Zebra	6/4/2018
207	TW	220 KV Rampur-Moradabad Line before ULO	1-27 (D/C)	220	7.320	Single Zebra	8/23/2014
208	TSW	220 kv Panki- Bithoor Line	S/C	220	12.301	Deer	7/4/2011
209	TSW	220 kv Phoolbagh-Unao	D/C	220	28.400	Zebra	11/15/2019
210	TSW	220 kv Panki-Rania Line	S/C	220	25.396	Zebra	3/3/2017
211	TSW	220 KV Manth-Chhata Line-2	D/C	220	34.050	single ACSR Zebra	4/19/2017
212	TSW	220 KV Manth(400)-Gokul Line	S/C, D/C in ULO	220	79.700	single ACSR Zebra	5/11/2019
213	TSW	220 KV Manth(400 KV)- Manth(220kv) Line	S/C,D/C in ULO	220	2.000	single Jebra	12/6/2018
214	TSW	220 kv Maant chhata Line-2	D/C	220	34.050	single Jebra	4/20/2017
215	TSW	220 kv Maant chhata Line-1	D/C	220	34.500	single Jebra	20.04.17
216	TSW	220 kv Manth(400kv)-Meetai Line	S/C	220	81.860	single Jebra	5/6/2019
217	TSW	220 kv Agra-Gokul Line	S/C	220	39.500	single Jebra	1998
218	TSW	220 KV Meetai-Mant	S/C	220	41.204	single Jebra	1/4/2017
219	TSW	220 kv Khair-Meetai Line	S/C	220	65.500	single Jebra	8/23/2014
220	TSW	220 kv Agra-Meetai Line	S/C	220	46.000	single Jebra	10/21/2005
221	TW	220 KV Nehtaur-Mataur Line	S/C	220	74.770	Zebra	10/19/2011
222	TW	220kv Muradnagar- Sikandraabad Line	S/C	220	55.650	Deer+Zebra	
223	TW	220kv Muradnagar- Dadri Line	S/C	220	35.050	Deer+Zebra	

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 220KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level (kV)	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning (dd/mm/yyyy)
224	TW	220 kV MDR II(400 kV)- Loni-2 Line	S/C	220	23.800	Zebra	2/26/2009
225	TW	220 kV MDR II(400 kV)- Baghpat Line	S/C	220	39.960	Deer	
226	TW	220kV Muradnagar-Faridnagar Line	S/C	220	30.060	Zebra	
227	TW	220kV Faridnagar-Modipuram Line	S/C	220	39.180	Zebra	
228	TW	220kV Faridnagar-Hapur(765kV) Line	S/C	220	11.280	Zebra	
229	TW	220 kV Muradnagar(400 kv)- Sahibabad-I Line	D/C	220	27.300	Zebra	1976
230	TW	220 kV Muradnagar(400 kv)- Sahibabad-II Line	D/C	220	27.300	Zebra	1976
231	TW	220 kV Muradnagar(400 kv)- Faridnagar Line	S/C	220	30.825	Zebra	
232	TW	220KV MURADNAGAR-BARAUT LINE	S/C	220	41.000	DEER	10/7/2015
233	TW	220KV Khurja- Sikandarabad-I Line	SC	220	45.300	ACSR DEER & ZEBRA	1978
234	TW	220KV Khurja- Sikandarabad-II Line	SC	220	45.300	ACSR DEER & ZEBRA	1978
235	TW	220KV Khurja- Dadri	SC	220	51.435	ACSR DEER & ZEBRA	1982
236	TW	220 KV Khurja-Jahangirabad	SC	220	24.530	ACSR DEER	1979
237	TW	220 KV Khurja-Debai	SC	220	40.029	ACSR ZEBRA	1990
238	TW	220 kV Simbhaoli-765 Hapur ckt Ist	S/C	220	35.296	ACSR ZEBRA	
239	TW	220 kV Simbhaoli-765 Hapur ckt IInd	S/C	220	39.209	ACSR ZEBRA	2/6/2018
240	TW	220 kV Hapur(220kv)-Simbhaoli	S/C	220	29.580	ACSR ZEBRA	
241	TW	220 kV Hapur(765kv)-Hapur(220kv) Line	S/C	220	7.608	ACSR ZEBRA	6/20/2017
242	TW	220 KV Rukhi-Sikandarabad (400) line	D/C	220	58.255	ACSR ZEBRA	10/26/2018
243	TW	220 KV Rukhi-Jahangirabad line	S/C	220	36.402	ACSR ZEBRA	
244	TW	220 KV Rukhi-Hardganj line	S/C	220	81.962	ACSR ZEBRA	10/26/2018
245	TW	220 KV Gr.Noida-RC Green Ckt-II	DC	220	23.500	ACSR ZEBRA	
246	TW	220 KV Gr.Noida-Noida Sec-20 Ckt-II(Sec-62)	DC	220	32.600	ACSR ZEBRA	7/2/2007
247	TW	220 KV Shatabdi Nagar-Mataur	S/C	220	33.593	Zebra	15.03.2007
248	TW	220 KV Gr.Noida-Noida Sec-129	DC	220	25.570	ACSR ZEBRA	6/20/2011
249	TW	220 KV Sambhal-Chandauli Line	S/C	220	51.680	ZEBRA	3/18/2017
250	TW	220 KV Modipuram-Mataur-II	SC	220	3.490	Zebra	10.05.1977
251	TW	220 KV Sambhal-Narora Line	S/C	220	64.010	DEER	3/5/2010
252	TW	220 KV Modipuram-Mataur-I	SC	220	6.220	Zebra	27.12.1983
253	TW	220 KV Rampur -C.B. Ganj Line Upto ULO	1-27 {D/C}, 28	220	53.000	Single Zebra	12/1/2015
254	TW	220 kV Moradabad-Rampur Line	S/C	220	47.630	Zebra	4/29/1988
255	TW	220 KV Sambhal-Moradabad Line	S/C	220	24.020	DEER	3/5/2010
256	TW	220 KV Amroha-Nehtaur Line	S/c	220	57.489	Zebra	6/24/2017
257	TW	220 KV Mataur- Gajraula	D/C	220	87.060	ACSR Zebra	
258	TW	220 KV Gajraula- Sambhal	D/C	220	42.620	ACSR Zebra	
259	TW	220 KV Moradabad-Amroha Line	D/C	220	57.529	Zebra	6/24/2017
260	TW	220 KV Amroha-Nehtaur Line	D/C	220	60.459	Zebra	6/24/2017
261	TW	220 KV Shatabdinagar-Modipuram	SC	220	28.387	ZEBRA	3/15/2007
262	TW	220 KV Shatabdinagar-Hapur	SC	220	24.332	ZEBRA	5/11/2004
263	TW	220 KV Charia-Meerut (PGCIL)	SC	220	11.200	ACSR ZEBRA	9/6/2019
264	TW	220 KV Modipuram-Muzaffarnagar	SC	220	49.318	Zebra	8/2/2006
265	TW	220 KV Shamli-Mohanpur Gada (PGCIL) Line	S/C	220	59.951	Zebra	10/14/1996
266	TW	220 KV Nara-Roorkee Line	S/C	220	58.000	Zebra	9/17/1979
267	TW	220 KV Muzaffarnagar- Charia	SC	220	44.860	Zebra	1/7/2012
268	TW	220kV Baraut - Shamli Line	SC	220	39.752	Deer	3/31/1986
269	TW	220 KV Muradnagar-Baraut line	SC	220	41.438	Single Zebra	3/31/1985
270	TW	220 KV Baghpat PGCIL2-Baraut line	DC	220	6.000	Single Zebra	
271	TW	220 KV Baghpat PGCIL1-Baraut line	DC	220	6.000	Single Zebra	
273	TW	220 KV Baghpat (400 PG1)-Baghpat	DC	220	15.089	Single Zebra	
274	TW	220kV PGCIL Baghpat- Baghpat Line	SC	220	15.089	Zebra	3/5/2016
275	TW	220 KV Shamli- Muzaffarnagar Line	S/C	220	55.758	Zebra	9/30/2010
276	TW	220 KV Khodri-Sarsawa Line	S/C	220	83.330	Deer + Zebra	8/2/2018
277	TW	220 KV Shamli-Baghpat (PGCIL) Line	S/C	220	45.000	Deer	3/24/1984
278	TW	220 KV saharanpur-Khodri-III Ckt. Line	S/C	220	81.049	Zebra	4/20/1980
279	TW	220 KV Nara-Muzaffarnagar Line	D/C	220	11.700	Zebra	11/29/2005
280	TW	220 KV Nara-Matore Une	S/C	220	32.140	Zebra	3/29/2003
281	TW	220 KV Nara-Jansath Line	D/C	220	27.406	Zebra	8/12/2014
282	TW	220 KV Muzaffarnagar(400KV)-Jansath Line	D/C	220	24.596	Zebra	8/12/2014
283	TW	220 KV Nanauta-Shamli Line	S/C	220	42.601	Single Zebra	1/31/2011
284	TW	220 KV Nanauta -Muzaffarnagar Line	S/C	220	53.185	Single Zebra	3/3/2011
285	TW	220 KV Sarsawa-PGCIL Line-II	DC	220	10.978	Zebra	6/12/2018
286	TW	220 KV Sarsawa-PGCIL Line-I	DC	220	10.978	Zebra	6/12/2018
287	TW	220 KV saharanpur-Sarsawa Line	S/C	220	14.487	Deer + Zebra	3/31/2018
288	TW	220 KV saharanpur-PGCIL Line	S/C	220	9.230	Deer + Zebra	6/7/1978
289	TW	220 KV saharanpur-Behat Line	S/C	220	35.032	Zebra	5/31/2013
290	TW	220 KV Behat- Kharad Line	S/C	220	30.428	Zebra	5/31/2013
291	TW	220 KV Noida SEC-62-Indrapuram line	S/C	220	1.500	Zebra	5/5/2016
292	TW	200 kV Gr. Noida R.C.Green Line	D/C	220	6.900	Zebra	8/11/2008
293	TW	200 kV Gr. Noida R.C.Green Circuit-III/J.P. Sports Line	D/C	220	17.000	Zebra	3/19/2012
294	TW	220 kV Gr. Noida - Sec-20 Line	D/C	220	29.916	Zebra	7/5/2007
295	TW	220 kV B. T.P.S Noida-Gazipur Line	S/C	220	16.944	Zebra	7/5/1983
296	TW	220 kV T.OFF 220 kV Sec-62 Line	D/C	220	7.543	Zebra	5/12/2002

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
				(kV)			(dd/mm/yyyy)
1	TC	132KV Pilibhit-Bisalpur Line	S/C	132	45.36	panther	08.03.2020
2	TC	132KV Faridpur-Bisalpur Line	S/C	132	31.788	panther	08.03.2020
3	TC	132 KV Pilibhit-Pooranpur	S/C	132	44.64	panther	11.11.1978
4	TC	132 KV Pilibhit-LH Sugar Mill Line	S/C	132	49.012	Panther	19.09.2017
5	TC	132 KV Pilibhit-Bajaj Hindustan Sugar Mill Line	S/C	132	40.25	panther	22.01.2008
6	TC	132 KV Pilibhit-Bajaj Energy Barkhera Line	D/C	132	17	panther	30.05.2007
7	TC	132 KV Nawabganj - Pilibhit Ckt	D/C	132	32.3	Panther	9/13/2017
8	TC	132 KV Nawabganj - Bajaj Energy Barkhera Ckt	D/C	132	49.3	Panther	9/13/2017
9	TC	132 KV Dohna(220)-Nawabganj Ckt-II	D/C	132	16.9	Panther	12/9/2019
10	TC	132 KV Dohna(220)-Nawabganj Ckt-I	D/C	132	16.9	Panther	8/15/2008
11	TC	132 KV Dohna-Pilibhit CKT-II	D/C	132	29.636	panther	23.10.2009
12	TC	132 KV Dohna-Pilibhit CKT-I	D/C	132	47.17	panther	1955
13	TC	132 KV Dohna-Bareilly-II(Balipur) Line	D/C	132	16.04	Panther	15.08.2008
14	TC	132 KV C.B. Ganj-Dohna CKT-II	D/C	132	19.546	Panther	20.01.1995
15	TC	132 KV C.B. Ganj-Dohna CKT-I	D/C	132	19.546	Panther	20.01.1995
16	TC	132 KV Bareilly-II(Balipur) - Bisalpur Line	S/C	132	33.533	panther	16.02.2017
17	TC	132 KV Shahjahanpur-Faridpur Line	S/C	132	62.54	panther	23.06.2008
18	TC	132 KV Shahjahanpur-Bareilly-II (Balipur) Line	S/C	132	74.33	panther	15.08.2008
19	TC	132 KV Richha -Kesar Sugar Mill Line	S/C	132	11.415	panther	12.07.2012
20	TC	132 KV Faridpur - Dwarikesh Sugar Mill Line	S/C	132	15.652	panther	23.06.2008
21	TC	132 KV Dohna-Richha Line	S/C	132	35.461	Panther	23.10.2009
22	TC	132 KV Dohna-Bareilly Town Line	S/C	132	19.22	HTLS	01.04.1989
23	TC	132 KV CB Ganj - DSM Meerganj Line	S/C	132	21.77	panther	15.11.2002
24	TC	132 KV Bareilly-II(Balipur) - Bisalpur Line	S/C	132	33.533	Panther	16.02.2017
25	TC	132 KV Bareilly-II (Balipur) - Railway Rasuiya Line	Two phase	132	15.967	panther	24.09.2012
26	TC	132 KV Bareilly Town-Faridpur Line	S/C	132	17.13	panther	23.06.2008
27	TC	132KV Sahaswan- Chandausi Line	D/C	132	44.512	Panther	13.04.2018

(निर्देशक)

 अध्यक्ष अभियन्ता

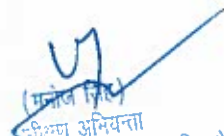
 सम्यक् निर्देशक (निर्माण एवं वाणिज्य)

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
28	TC	132KV Sahaswan- Babrala Line	D/C	132	44.512	Panther	14.04.2018
29	TC	132KV Budaun-Usawan Line	S/C	132	35.5	Panther	30.09.2008
30	TC	132KV Budaun-Ujhani Line	S/C	132	16.24	Panther	12.10.2012
31	TC	132KV Budaun-Bisauli Line	S/C	132	37.4	Panther	18.03.2008
32	TC	132KV Budaun-Bilsi Line	S/C	132	14.279	Panther	06.11.2013
33	TC	132KV Bisauli-Yadu Sugar Mill Line	S/C	132	7.787	Panther	28.03.2012
34	TC	132KV Bisauli-Chandausi Line	S/C	132	23.72	Panther	27.10.2009
35	TC	132KV Aonla-IFFCO Ckt-II	D/C	132	8.67	Panther	30.03.1987
36	TC	132KV Aonla-IFFCO Ckt-I	D/C	132	8.67	Panther	30.03.1987
37	TC	132KV Aonla-C.B.Ganj CKT-II	D/C	132	27.48	Panther	30.03.1987
38	TC	132KV Aonla-C.B.Ganj CKT-I	D/C	132	27.48	Panther	30.03.1987
39	TC	132KV Aonla-Bisauli Line	S/C	132	27.932	Panther	20.07.2019
40	TC	132 KV Utraula - Utraula Bajaj IPP	S/C	132	0.5	ACSR PANTHER	9/11/2011
41	TC	132 KV Utraula - Bajaj Co-Gen	S/C	132	0.3	ACSR PANTHER	12/25/2011
42	TC	132 KV Tulsipur - Utraula Une	S/C	132	68.8	ACSR PANTHER	1/23/2019
43	TC	132 KV Tulsipur - Dumariyaganj Line	S/C	132	51.44	ACSR PANTHER	1/18/2019
44	TC	132 KV Nawabganj- Darshan Nagar Line	D/C	132	22.5	ACSR PANTHER	6/4/2017
45	TC	132 KV Mankapur - Mankapur Chini Mill Line	S/C	132	10.5	ACSR PANTHER	2006
46	TC	132 KV Mankapur - Bajaj Chini Mill Line	S/C	132	18.5	ACSR PANTHER	2007
47	TC	132 KV Gonda(400KV)-Colonelganj Line	D/C	132	31.46	ACSR PANTHER	12/22/2016
48	TC	132 KV Gonda(400KV)- Mankapur Line	S/C	132	33.99	ACSR PANTHER	6/16/2017
49	TC	132 KV Gonda- Nawabganj Line	S/C	132	48	ACSR PANTHER	6/4/2017
50	TC	132 KV Gonda- Baruchak TSS Line	S/C	132	15.56	ACSR PANTHER	2012
51	TC	132 KV Gonda - Kundraki Bajaj TPP(DC) Line	D/C	132	20	ACSR PANTHER	2011
52	TC	132 KV Balrampur - Utraula Line	S/C	132	18.5	ACSR PANTHER	11/1/2011
53	TC	132 KV Balrampur - Balrampur Chini Mill Line	S/C	132	1.6	ACSR PANTHER	2005
54	TC	132 KV Gonda - Bahraich Line	S/C	132	65.76	ACSR Panther Conductor	1974

(Signature)


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 संचालक निदेशक (नियोजन एवं वाणिज्य)
 उत्तर प्रदेश विद्युत निगम लि.

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
69	TC	132 Haidergarh - Haidergarh Chini Mil line	S/C	132	16.32	ACSR Panther Conductor	10/20/2016
70	TC	132 kV Sahara City Homes - Sidhauri Line	S/C	132	47	ACSR Panther	9/30/2013
71	TC	132 kV Sahara City Homes - Hardoi Road Line	S/C	132	5.9	ACSR Panther	9/30/2013
72	TC	132 kV N.K.N. - Hardoi Road Line	S/C	132	7.9	HTLS	3/3/2003
73	TC	132 kV Kursi Road - Khurram Nagar Line	S/C	132	12.15	ACSR Panther	5/13/2016
74	TC	132 kV Khurram Nagar - N.K.N Line	S/C	132	10.05	ACSR Panther	3/16/2005
75	TC	132 kV Khurram Nagar - Indira Nagar	S/C	132	17.7	ACSR Panther	7/8/2016
76	TC	132 kV Indira Nagar - Chinhat Line	S/C	132	5.4	ACSR Panther	7/8/2016
77	TC	132 kV Gomti Nagar - SGPGI Line	S/C	132	19.11	HTLS	9/6/1994
78	TC	132 kV Chinhat - Telco Line	D/C	132	1.1	ACSR Panther	11/30/1993
79	TC	132 kV Chinhat - N.K.N. Line	S/C	132	24.8	ACSR Panther	5/14/1990
80	TC	132 kV Chinhat - Gomti Nagar Line	D/C	132	13.9	HTLS	9/6/1994
81	TC	132 kV U/G Mehtab Bagh - Hanuman Setu	S/C	132	5.6	630 sq mm 132 KV XLPE Al-Cable	6/18/2019
82	TC	132 kV U/G Hardoi Road - Mehtab Bagh Ckt-II	S/C	132	5.98	630 sq mm 132 KV XLPE Al-Cable	10/14/2016
83	TC	132 kV U/G Hardoi road - Mehtab Bagh Ckt-I	S/C	132	5.98	630 sq mm 132 KV XLPE Al-Cable	11/7/2016
84	TC	132 kV U/G Hardoi Road - Hanuman Setu	S/C	132	11.5	630 sq mm 132 KV XLPE Al-Cable	6/18/2019
85	TC	132 kV TRT- Mohan Road	S/C	132	7.15	ACCC Casablanca	2013/1973
86	TC	132 kV Sonik- Mohan Road	S/C	132	44.15	ACCC Casablanca	2013/1973
87	TC	132 kV Sarojani nagar-T.R.T	D/C	132	17.25	ACSR Panther	1966
88	TC	132 kV Sarojani Nagar-Rahimabad	S/C	132	45.12	ACSR Panther	2014
89	TC	132 KV Sandila- Rahimabad	S/C	132	16.92	ACSR Panther	2014

(मोहोर सहित)
अभिलेख अभियन्ता
सामयिक निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख कार्यालय

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
90	TC	132 KV S.G.P.G.I.- Utretia Rly TSS line	S/C	132	5.22	ACSR Panther Conductor and 400 sq mm 132 KV XLPE Al Cable	29.07.2017
91	TC	132 KV S.G.P.G.I.- Martinpurwa line	D/C	132	17.2	ACCC Casablanca	2004
92	TC	132 KV Hardoi Road - T.R.T Line	D/C	132	6.74	ACSR Panther	2003
93	TC	132 KV Chinhat -Martinpurwa line	D/C	132	18.5	ACCC Casablanca	2004
94	TC	132KV Sonik-Maurawan Line	S/C	132	45.99	Single Panther	3/11/2016
95	TC	132KV Sonik-Kundan Road Line	S/C	132	14	Single Panther	5/28/1977
96	TC	132KV Sonik-Hasanganj Line	S/C	132	35.26	Single Panther	1/31/2020
97	TC	132KV Sonik-Chakalvanshi Line	S/C	132	29.5	Single Panther	2/22/2017
98	TC	132KV Sonik-Bighapur Line	S/C	132	27.95	Single Panther	9/15/2017
99	TC	132KV Hasanganj-Chakalvanshi Line	S/C	132	39.76	Single Panther	1/31/2020
100	TC	132KV Chakalvanshi-Bangarmau Line	S/C	132	38.56	Single Panther	2/5/2012
101	TC	132KV Bangarmau-Sandila line	S/C	132	32.07	Single Panther	5/5/1987
102	TC	132 KV Sarojini Nagar-Kundan Road Line	S/C	132	48	Single Panther	3/26/1969
103	TC	132 KV Maurawan-Bighapur Line	S/C	132	48	Single Panther	3/26/1969
104	TC	132 KV Sarojini Nagar- SGPGI-III Line	D/C	132	27.91	Panther	
105	TC	132 KV Sarojini Nagar- SGPGI-II Line	D/C	132	27.91	Panther	
106	TC	132 KV Sarojini Nagar- SGPGI-I Line	S/C	132	15.02	HTLS	
107	TC	132 KV Sarojini Nagar- Rahimabad Line	S/C	132	45.13	Panther	
108	TC	132 KV Sarojini Nagar- LMRC-II Line	U/G	132	6	630 Sq. mm Al. Cable	29.12.2016
109	TC	132 KV Sarojini Nagar- LMRC-I Line	U/G	132	6	630 Sq. mm Al. Cable	07.10.2016
110	TC	132KV Sidhauri-Ramgarh Sugar Mill line	SC	132	22	ACSR Panther	10/16/2007
111	TC	132KV Sitapur-Sidhauri line	SC	132	35.8	ACSR Panther	1971
112	TC	132KV Sitapur-Ramnagar Sugar mill line	SC	132	16.96	ACSR Panther	1/27/2007
113	TC	132KV Sitapur-Neri line	SC	132	40.5	ACSR Panther	2/1/2001

(मनोज सिंह)
 अध्यक्ष अनियन्ता
 सम्यक् निदेशक (निर्माण एवं वाणिज्य)
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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
114	TC	132KV Sitapur-Laharpur line	SC	132	29.56	ACSR Panther	10/26/2015
115	TC	132KV Sitapur-Hempur Rly. TSS	SC	132	24.9	ACSR Panther	10/10/2015
116	TC	132KV Sitapur-Biswan line	SC	132	33.12	ACSR Panther	7/3/2014
117	TC	132KV Sidhauri-Mahamoodabad line	SC	132	33.208	ACSR Panther	3/25/2017
118	TC	132KV SPN-Roza Railway	SC	132	9	Panther	8/30/2011
119	TC	132KV SPN-Neri Line	SC	132	53.14	Panther	1971
120	TC	132KV SPN-DSML	SC	132	16	Panther	4/21/2007
121	TC	132KV Shahjahanpur-Tilhar Line	S/C	132	22	Panther	10/24/2016
122	TC	132KV Shahjahanpur-Powayan	SC	132	21	Panther	7/24/2007
123	TC	132KV Shahjahanpur-Maqsoodapur Bajaj Energy Line Ckt-II	S/C	132	44.8	Panther	4/26/2018
124	TC	132KV Shahjahanpur-Maqsoodapur Bajaj Energy Line Ckt-I	S/C	132	49.31	Panther	4/1/2018
125	TC	132KV Shahjahanpur-Jalalabad Line Ckt II	S/C	132	35.31	Panther	7/13/2017
126	TC	132KV Shahjahanpur-Jalalabad Line Ckt I	S/C	132	35.5	Panther	12/22/2017
127	TC	132KV Shahjahanpur-Gola "T" OFF Mohammadi	SC	132	2.7	Panther	4/2/1988
128	TC	132KV Shahjahanpur-Balipur	SC	132	74.33	Panther	8/15/2008
129	TC	132KV Powayan-Maqsoodpur	SC	132	24	Panther	1/29/2010
130	TC	132KV Powayan-Banda	SC	132	28.454	Panther	5/31/2017
131	TC	132KV Neri-Shahjahanpur line	SC	132	53.14	ACSR Panther	2/1/2001
132	TC	132KV Gola Banda Line	Towers	132	49.225	Panther	11/14/2018
133	TC	132KV Tilhari-Badaun line	SC	132	63.08	Panther	1977
134	TC	132KV Sitapur(220KV)-Lakhimpur line	SC	132	43	Panther	12/31/1976
135	TC	132KV Shahjahanpur-Gola "T" OFF Mohammadi	SC	132	2.7	Panther	2/4/1988
136	TC	132KV Palia- BJA Palia-Kalan	SC	132	1.5	Zebra	12/29/2008
137	TC	132KV Mohammadi-DSCL Sugar Mill Line	SC	132	18.93	Panther	3/17/2004
138	TC	132KV Mohammadi- Kumbhi Sugar Mill	SC	132	16.08	Panther	4/15/2007
139	TC	132KV Lakhimpur-Nighasan line	SC	132	55	Panther	2/18/2016

(महेश सिंह)
अधीक्षक अभियन्ता
समग्र निदेशक (नियोजन एवं वाणिज्य)
उपमहानिदेशक

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
140	TC	132KV Lakhimpur-Gularia Sugar Mill Line	SC	132	37.43	Panther	11/22/2007
141	TC	132KV Lakhimpur-BHL Kambharkhera Sugar Mill line	SC	132	14.61	Panther	1/25/2009
142	TC	132KV Lakhimpur- Awadh Sugar Mill line	SC	132	26.19	Panther	11/22/2008
143	TC	132KV Dhaurahara-Nighasan line	SC	132	23.247	Panther	4/17/2016
144	TC	132KV Dhaurahara-Gobind Sugar Mill line	SC	132	22.9	Panther	4/10/2015
145	TC	2	SC	132	45.44	Panther	4/14/2016
146	TC	1	SC	132	14.6	Panther	11/25/2015
147	TC	132KV Hardoi - Asha Line	DC	132	18.97	Panther	
148	TC	132 KV Shahabad - Shrimau line	SC	132	17.9	ACSR Panther	10/15/2015
149	TC	132 KV Shahabad - T @ SPN - Neri line	SC	132	39.38	ACSR Panther	3/11/2016
150	TC	132 KV Shahabad - Shahjhanpur line	SC	132	39.39	Panther	
151	TC	132 KV Sandila-Umartali (Rly.) line	SC	132	4	ACSR Panther	5/13/2009
152	TC	132 KV Sandila-Asha line	SC	132	59.47	ACSR Panther	3/30/1979
153	TC	132 KV Hardoi-Loni Line	DC	132	37.69	ACSR Panther	11/29/2008
154	TC	132 KV Hardoi-Kaurha (Rly.) line	SC	132	15.5	ACSR Panther	1/23/2013
155	TC	132 KV Hardoi-Hariyawan Sugar Mil Line	DC	132	20.49	ACSR Panther	11/29/2008
156	TC	132 KV Hardoi-Baghauli line	DC	132	25	ACSR Panther	3/1/2016
157	TC	132 KV Hardoi-Asha line	SC	132	18.87	ACSR Panther	9/22/2018
158	TC	132 KV Hardoi - Kurha Rly Line	SC	132	18	Panther	
159	TC	132 KV Baghauli-Shahabad	DC	132	62.3	ACSR Panther	3/1/2016
160	TC	132kv Kadipur-Lambhua	S/C	132	7.21		
161	TC	132KV Amethi(220kv)-Musafirkhana ckt-III	S/C	132	60.08	ACSR Panther	17.08.2019
162	TC	132KV Amethi(220kv)-Jagdishpur	S/C	132	61	ACSR Panther	17.08.2019
163	TC	132 KV Sultanpur- TSS Sultanpur line	Two phase	132	13.41	ACSR Panther	24.11.2012
164	TC	132 KV Sultanpur - Musafirkhana	S/C	132	36.85	ACSR Panther	22.03.2018
165	TC	132 KV Sultanpur - Korwa Line	S/C	132	26.285		23.10.2014

Amit

(निर्देशक)
अधीक्षक अभियन्ता
सम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० १०/१०/१०

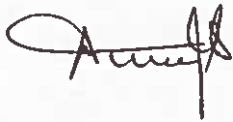
UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

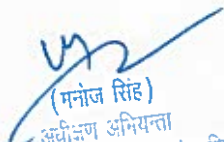
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
166	TC	132 KV New Tanda-Goshaisinghpur line	S/C	132	29.998	ACSR Pnther	03.06.2016
167	TC	132 kv Musafirkhana-Jagdeshpur	S/C	132	39.45	ACSR Panther	22.03.2018
168	TC	132 KV Lambhua- Sultanpur line	S/C	132	40.25		24.10.2019
169	TC	132 KV Korwa- Gauriganj line	S/C	132	10.37	ACSR Panther	23.10.2014
170	TC	132 KV Kadipur- Shahganj line	S/C	132	37.37	ACSR Panther	26.12.1979
171	TC	132 KV Jagdishpur - Sindurwan (TSS) Line	Two phase	132	12.44	ACSR Panther	09.11.2012
172	TC	132 KV Jagdishpur - Indogulf Line	S/C	132	2.187	ACSR Panther	22.09.1987
173	TC	132 KV Jagdishpur - Haidergarh Line	S/C	132	28.826	ACSR Panther	30.10.2003
174	TC	132 KV Goshaisinghpur- Kadipur line	S/C	132	18.74	ACSR Panther	12.03.2015
175	TC	132 KV Amethi(220kv)- Musafirkhana line	D/C	132	43.47	ACSR Panther	
176	TC	132 KV Amethi(220kv)- Gauriganj line	D/C	132	20.95	ACSR Panther	
177	TC	132 KV Amawan - Jagdishpur line	S/C	132	36.63	ACSR Panther	7/2/2018
178	TC	132 KV Amawan - Gauriganj Line	S/C	132	46.5	ACSR Panther	7/2/2018
179	TC	133 KV Amawan - Salon-II	D/C	132	39.608	ACSR Panther	31.03.18
180	TC	132KV TSS Harchandpur	S/C	132	16.53	ACSR Panther	27.11.2018
181	TC	132KV Sareni-Dalmau line	S/C	132	23.09	ACSR Panther	14.02.2020
182	TC	132 KV Tripula -Dalmau Line	S/C	132	28.546	ACSR Panther	12.04.1969
183	TC	132 KV Bighapur - Sareni line	S/C	132	38.399	ACSR Panther	30.01.17
184	TC	132 KV Bachhrawan- Bachhrawan Ckt-II	D/C	132	14.7	ACSR Panther	4/9/2018
185	TC	132 KV Bachhrawan- Bachhrawan Ckt-I	D/C	132	14.7	ACSR Panther	8/2/2019
186	TC	132 KV Bachhrawan - Sareni Ckt-II	D/C	132	65.41	ACSR Panther	7/12/2018
187	TC	132 KV Bachhrawan - Sareni Ckt-I	D/C	132	65.41	ACSR Panther	8/28/2019
188	TC	132 KV Bachhrawan - RINL Line	S/C	132	38.37	ACSR Panther	04.06.2019
189	TC	132 KV Bachhrawan - Relaince Cement factory Line	S/C	132	5.99	ACSR Panther	25.12.2013
190	TC	132 KV Bachhrawan - Rail Coach Factory line	S/C	132	38.42	ACSR Panther	29.09.2012
191	TC	132 KV Amawan- Raebareli - II Ckt	S/C	132	6.5	ACSR Panther	17.02.2007

(मनाज सिंह)
 अधीक्षण अभियन्ता
 सम्बद्ध निदेशक (निर्माण एवं वाणिज्य)
 उत्तर प्रदेश पावर ट्रांसमिशन कॉर्पोरेशन लिमिटेड

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Sl. No.	Zone	Line Details					
		Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
192	TC	132 KV Amawan- Raebareli - I Ckt	S/C	132	3.5	ACSR Panther	17.02.2007
193	TC	132 KV Amawan - Salon-I	D/C	132	39.608	ACSR Panther	31.03.17
194	TC	132 KV Amawan - Bachhrawan line	S/C	132	28.03	ACSR Panther	16.12.2006
195	TC	132KV Tanda-Akbarpur line	S/C	132	16.2	ACSR Panther	1/30/2006
196	TC	132KV Sultanpur-Milkipur line	S/C	132	49	ACSR Panther	11/3/2004
197	TC	132KV Sultanpur-Bikapur line	S/C	132	35.296	ACSR Panther	(19/11/2014)
198	TC	132KV Sultanpur-Akbarpur line	S/C	132	60.2	ACSR Panther	1/30/2006
199	TC	132KV Sohawal-Rudauli	S/C	132	42.414	ACSR Panther	(29/02/2020)
200	TC	132KV Sohawal-Milkipur line	S/C	132	34.2	ACSR Panther	5/14/2013
201	TC	132KV Sohawal-Darshan Nagar Line	S/C	132	34.21	ACSR Panther	6/26/2013
202	TC	132KV Sohawal-Bikapur line	S/C	132	31.12	ACSR Panther	
203	TC	132KV Rudauli- Ram Sanehi Ghat Line	SC	132	35.734	ACSR Panther	(29/02/2020)
204	TC	132KV New Tanda-Tanda Ckt. 2	D/C	132	12.54	ACSR Panther	
205	TC	132KV New Tanda-Tanda Ckt. 1	D/C	132	12.54	ACSR Panther	12/23/2015
206	TC	132KV New Tanda-Jalalpur line	S/C	132	18.3	ACSR Panther	6/6/2015
207	TC	132KV New Tanda-Aalapur line	S/C	132	37.712	ACSR Panther	6/13/2018
208	TC	132KV Kadipur-Jalalpur line	S/C	132	46.403	ACSR Panther	
209	TC	132KV Darshan Nagar-KM Sugar Mill line	S/C	132	15.07	ACSR Panther	2008
210	TC	132KV Bikapur-Darshan Nagar line	S/C	132	27.204	ACSR Panther	1966(19/11/2014)
211	TC	132KV Atraulia-Aalapur line	S/C	132	8.734	ACSR Panther	6/8/2016
212	TC	132KV Akbarpur-Akbarpur Chini Mill line	S/C	132	18	ACSR Panther	2/22/2006
213	TNE	132 KV Siddiquepur-Shahganj Line	S/C	132	31.16	Panther Conductor	9/23/1969
214	TNE	132 KV Jaunpur (220 kV)-Badlapur Line	S/C	132	27	Panther Conductor	1/25/2009
215	TNE	132 KV Jaunpur (220 kV)- Kerakat Line	S/C	132	26.71	Panther Conductor	3/18/1985
216	TNE	132 KV Jaunpur (220 kV) - Siddiquepur Line	S/C	132	13.75	Panther Conductor	6/10/2012
217	TNE	132 KV Phoolpur (220 KV)-Mungrabadshahpur line	S/C	132	33.2	Panther Conductor	5/23/2015

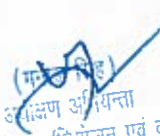



 (मनोज सिंह)
 अधीक्षण अभियन्ता
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 उ०प्र० पा० द्वा० का० लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

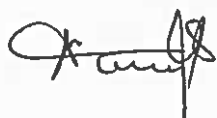
Sl. No.	Zone	Line Details					
		Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
218	TNE	132 KV Jaunpur (220 KV)-Mariyahu line	S/C	132	17.2	Panther Conductor	2008
219	TNE	132 KV Jaunpur (220 KV)-Machhalishahar line	S/C	132	29.73	Panther Conductor	3/31/1987
220	TNE	132 KV Jaunpur (220 KV)-Jaunpur line	S/C	132	10.2	Panther Conductor	3/23/1969
221	TNE	132KV Rani Ki Sarai- Mehnagar (132kv) line	S/C	132	31.132	Panther Conductor	9/9/2016
222	TNE	132KV Mohammdabad (132kv)-Sathiyon line	S/C	132	12.12	Panther Conductor	3/19/2016
223	TNE	132KV Mehnagar- Lalganj (132kv) line	S/C	132	26.327	Panther Conductor	
224	TNE	132KV Koilsa-Atraulia (132kv) line	S/C	132	16.17	Panther Conductor	6/1/2014
225	TNE	132KV Bindwal Jairajpur-Mubarakpur(132kv) line	S/C	132	19.5	Panther Conductor	12/25/2018
226	TNE	132KV Azamgarh(220 KV)-Kerakt line	S/C	132	21.16	Panther Conductor	4/1/2018
227	TNE	132KV Azamgarh(132kv)-Phoolpur line	S/C	132	39.59	Panther Conductor	
228	TNE	132KV Azamgarh-Mubarakpur (132kv) line	S/C	132	12.62	Panther Conductor	9/9/2016
229	TNE	132KV Azamgarh-Bindwal Jairajpur (132kv) line	S/C	132	12.95	Panther Conductor	6/23/2017
230	TNE	132KV Azamgarh- Rani Ki Sarai(132kv) line	S/C	132	13.978	Panther Conductor	9/9/2016
231	TNE	132KV Azamgarh- Koilsa line	S/C	132	30.5	Panther Conductor	
232	TNE	132KV Azamgarh II (220 KV)- Sidhari line	S/C	132	54.22	Panther Conductor	5/12/2018
233	TNE	132KV Azamgarh II (220 KV)- Phoolpur (132kv) line	S/C	132	36.63	Panther Conductor	3/31/2018
234	TNE	132KV Azamgarh II (220 KV)- Lalganj (132kv) line	d/C	132	20.35	Panther Conductor	3/31/2018
235	TNE	132KV Azamgarh 132kv)-Azamgarh line I	S/C	132	9.5	Panther Conductor	
236	TNE	132KV Azamgarh (132kv)-Azamgarh line II	S/C	132	6.963	Panther Conductor	
237	TNE	132 KV Dumriyaganj - Itwa Line	S/C	132	19.692	Single Panther	09.05.2018
238	TNE	132 KV Basti - Dumriyaganj Line	S/C	132	53.8	Single Panther	31.01.2004
239	TNE	132 KV Basti - Bansi Line	S/C	132	48.2	Single Panther	20.05.1979
240	TNE	132 KV Bansi- Naugarh Line	S/C	132	25.7	Single Panther	04.03.2011
241	TNE	132 KV Bansi - Mehdawal Line	S/C	132	31.18	Single Panther	31.12.2019
242	TNE	132KV Nathnagar-Khalilabad (132kv)Line	S/C	132	22.02	Single Panther	05.12.1986
243	TNE	132KV Harraiya(132kv)-Darshanagar Line	S/C	132	28.8	Single Panther	25.05.1975




 सम्बद्ध निदेशक (नियंत्रण एवं वाणिज्य)
 उ०प्र० पा० ट्रा० कॉ० लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
244	TNE	132KV Gida-Khalilabad (132kv)Line	S/C	132	19.6	Single Panther	05.12.1986
245	TNE	132KV Basti(220kv)-Harraiya Line	S/C	132	31.2	Single Panther	25.05.1975
246	TNE	132KV Basti-Mehdawal(132kv) Line	S/C	132	33.39	Single Panther	03.04.2014
247	TNE	132KV Basti-(220kv)Govindnagar Line	S/C	132	21.6	Single Panther	11.09.2016
248	TNE	132 KV Basti- Nathnagar(132 KV) Line	D/C	132	44.06	Single Panther	22.03.2016
249	TNE	132 Semari Jamalpur -Dohrigha(132kv)t Line	SC	132	20.25	Single Panther	4/2/1994
250	TNE	132 KV Mau old(132kv) -Barahganj line	SC	132	40	Single Panther	
251	TNE	132 KV Mau old(132kv) - Mau New line	SC	132	7	Single Panther	1/29/1989
252	TNE	132 KV Mau old - Mohamdabad(132kv) line	S/S	132	22.92	Twin Dog	9/1/1993
253	TNE	132 KV Mau old - Mau New(132kv) lline	SC	132	7	Single Panther	1989
254	TNE	132 KV Kasra- Mau old (132kv)line	SC	132	23	Single Panther	4/8/1994
255	TNE	132 KV kasra- Haldharpur (132kv)line	SC	132	10	Single Panther	7/1/1993
256	TNE	132 KV Kasara- Semari Jamalpurv(132kv) line	SC	132	10	Single Panther	4/2/1994
257	TNE	132 KV Kasara -Semari jamalpur new line	SC	132	7.13	SINLE PANTHER	10/9/2019
258	TNE	132 KV Kasara - Katghar Mahloo(132kv) line	SC	132	22.65	Single Panther	10/12/2014
259	TNE	132 KV Doharighat-Katghar mahloo Line	SC	132	16.22	SINGLE PANTHER	13.03.2019
260	TNE	132 KV Azamgarh-Mohamdabad(132kv) line	S/C	132	21.5	Twin Dog	3/20/2004
261	TNE	132 KATGHAR MAHLOO(132kv) -Dohrighat Line	SC	132	16.22	Single Panther	3/13/2019
262	TNE	132 Sadat(132kv) -Mau new line	D/C	132	48.623	Panther	7/28/2018
263	TNE	132 KV Sarnath-Saidpur(132kv) line	S/C	132	23.05	Panther	4/1/2019
264	TNE	132 KV Sarnath-Aurihar TSS line	S/C	132	25.545	Panther	3/17/2018
265	TNE	132 KV Sahupuri-Sadat (132kv) line	D/C	132	100.62	Panther	7/28/2018
266	TNE	132 KV Mau New- Kasimabad (132kv) line	S/C & DC	132	37.17	Panther	2010
267	TNE	132 KV Ghazipur(220kv)-Zamania Railway CKT-II	D/C	132	35.372	Panther	1/28/2002
268	TNE	132 KV Ghazipur(220kv)-Zamania Railway CKT-I	D/C	132	35.372	Panther	1/28/2002
269	TNE	132 KV Ghazipur(220kv)-Sukhbir Agro	S/C	132	1.725	Panther	1/28/2002




 (मनोज सिंह)
 अधीक्षण अभियन्ता
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 उपप्रधानाधिकारी

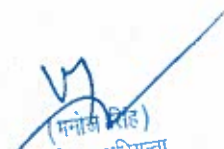
UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
270	TNE	132 KV Ghazipur(220kv)-Saidpur Line	S/C	132	31.58	Panther	1984
271	TNE	132 KV Ghazipur(220kv)-Ghazipur Ghat TSS line	S/C	132	30.82	Panther	5/17/2018
272	TNE	132 KV Ghazipur(220kv)- Ghazipur CKT-II	S/C & DC	132	6.88	Panther	2/11/2014
273	TNE	132 KV Ghazipur(220kv)- Ghazipur CKT-I	S/C & DC	132	6.88	Panther	1975
274	TNE	132 KV Ghazipur(132kv)-Kundesar line	S/C	132	28.5	Panther	1990
275	TNE	132 KV Ghazipur(132kv)-Bhadura line	S/C	132	44.752	Panther	3/30/2018
276	TNE	132 KV Ghazipur-Kasimabad(132kv) line	S/C&D/C	132	36.31	Panther	2010
277	TNE	132 KV Bhadura(220kv)- Zamania line	S/C	132	26.92	Panther	3/30/2018
278	TNE	132 KV sahapur-Mau new (132kv)ckt II line	D/C	132	55.56	Panther	1996
279	TNE	132 KV Rasara(132kv)-Sikandarpur	SC	132	22.92	Single Panther	16.11.1991
280	TNE	132 KV Rasara(132kv)-Haldharpur	SC	132	20.2	Single Panther	08.09.2016
281	TNE	132 KV Rasara(132kv)-Chitbaragaon	SC	132	27.85	Single Panther	30.07.2016
282	TNE	132 kv Kasara-Rasara(132kv)	SC	132	28.4	Single Panther	29.09.1996
283	TNE	132 kv Kasara-Ballia (132kv)	SC	132	57.58	Single Panther	02.05.2003
284	TNE	132 KV Chitbaragaon-Ballia(132kv)	SC	132	23.03	Single Panther	30.07.2016
285	TNE	132 kv Ballia(132kv)-Dighar	SC	132	36.6	Single Panther	23.02.2019
286	TNE	132KV Kasara- Semarijamalpur line	SC	132	7	Single Panther	02.04.1994
287	TNE	132KV Kasara- Mau old power house	SC	132	18	Single Panther	08.4.1994
288	TNE	132KV Kasara- Haldharpur line	SC	132	10	Single Panther	02.06.1994
289	TNE	132KV Kasara - Mau New-II line	DC	132	20.5	Single Panther	02.08.1998
290	TNE	132KV Kasara - Mau New-I line	DC	132	20.5	Single Panther	02.08.1998
291	TNE	132kv Bansi-Nautanwa line	D/C	132	57	Panther	24.02.19
292	TNE	132 KV Mau(old)-Barahalganj line	S/C	132	40	Panther	1973
293	TNE	132 KV Barahwa -Barahalganj line	S/C	132	57.5	Panther	1973
294	TNE	132 KV Barahuwa-Kauriram line	S/C	132	27.405	Panther	1973
295	TNE	132KV Gola-Doharighat line	S/C	132	40	Panther	3/6/2019



(मनोज सिंह)
 अभियंता अभियन्ता
 सम्यक् निदेशक (नियोजन एवं वाणिज्य)
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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
296	TNE	132KV FCI-Mahrajganj Line	S/C	132	45.22	Panther	1978
297	TNE	132KV Barahuwa-Kauriram	S/C	132	31	Panther	
298	TNE	132KV Barahuwa-IGL Line	D/C	132	9	Panther	2015
299	TNE	132KV Barahuwa-Gida Line	S/C	132	15	Panther	Aug-09
300	TNE	132KV Barahuwa-FCI-II	S/C	132	14	Panther	
301	TNE	132KV Barahuwa-FCI-I	S/C	132	14	Panther	
302	TNE	132KV Barahuwa-Anandnagar Line	S/C	132	48.11	Panther	1984
303	TNE	132 KV Gola-Kauriram line	S/C	132	17	Panther	3/6/2019
304	TNE	220 KV Hata-Laxmipur Line	D/C	132	33.7	Panther	12/1/2018
305	TNE	220 KV Hata-Kasia (132kv) Line	D/C	132	25.3	Panther	1/1/2019
306	TNE	220 KV Deoria-Kasia (132kv) Line	S/C	132	37.5	Panther	1980
307	TNE	220 KV Barahuwa-Mohaddipur (132kv) Line	S/C	132	16.4	Panther	1989
308	TNE	132 KV Mohaddipur-Old-Railway TSS (132KV) Line	S/C	132	0.6		
309	TNE	132 KV Kasia-Rajapakar(132kv) Line	S/C	132	26.6	Panther	1988
310	TNE	132 KV FCI-Bhathat (132kv) Line	D/C	132	1.5	Panther	3/1/2018
311	TNE	132 KV Shatrughanpur-Deoria	S/C	132	29.2	Panther	
312	TNE	132 KV Salempur-Puranachhapar	S/C	132	18.5	Panther	
313	TNE	132 KV Noonkhar TSS line	S/C	132	16	Panther	
314	TNE	132 KV Deoria- Salempur line	S/C	132	25.5	Panther	
315	TNE	132 KV Deoria- Rudrapur	S/C	132	13	Panther	
316	TNE	132 KV Deoria- Puranachhapar Line	S/C	132	24.5	Panther	
317	TNE	132 KV Deoria ckt-II	S/C	132	4.5	Panther	
318	TNE	132 KV Deoria ckt-I	S/C	132	8.5	Panther	
319	TNE	132 KV Motiram GKP (220kv)-Shatrughanpur Line (CB-72)	S/C	132	10.4	Panther	2012
320	TNE	132 KV Motiram GKP (220kv)-Mohaddipur Line (CB-71)	S/C	132	20.4	Panther	10/1/2013
321	TNE	132 KV Motiram GKP (220kv)-Kasia Line (CB-73)	S/C	132	44	Panther	7/1/2014




 (मनीष सिंह)
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 उ०प्र०पा०दा०का०लि०

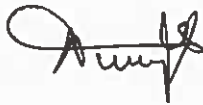
UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
322	TNE	132 KV Motiram GKP (220kv)-Kaptanganj, TSS Line (CB-76)	S/C	132	44.54	Panther	7/1/2014
323	TNE	132 KV Motiram GKP (220kv)-FCI Line (CB-74)	S/C	132	39.5	Panther	7/1/2014
324	TSC	220 KV Mahoba(132kv)-sukhbeer Solar	S/C	132	14	Single panther	8/5/2017
325	TSC	132KV-Bharua sumerpur-Sarila line	s/c	132	52	panther conductor	2/9/2016
326	TSC	132KV Mahoba(220kv-Sukhbeer Solar line	D/C Tower	132	60	panther conductor	8/5/2017
327	TSC	132KV Mahoba(132kv)-Kabrai	S/C	132	28	panther conductor	
328	TSC	132KV Kabrai-Mahoba(132 KV) Line	S/C line	132	28	panther conductor	4/11/2019
329	TSC	132KV Hamirpur Bharua line	s/c	132	55	panther conductor	3/30/2017
330	TSC	132KV Bharua-Rimjhim Ispat Line	s/c	132	2	panther conductor	11/14/2009
331	TSC	132KV Banda-Bharua sumerpur(132kv)-II line	D/C	132	56	panther conductor	5/26/2019
332	TSC	132KV Banda-Bharua sumerpur(132kv)-I line	D/C	132	56	panther conductor	
333	TSC	132 KV Sarila-Bharua line	D/C	132	51.06	panther conductor	9/2/2016
334	TSC	132 KV Rath-Sarila line	S/C	132	48.06	Single panther	2/9/2016
335	TSC	132 KV Rath-Panwari line	S/C	132	33.07	Single panther	12/24/2011
336	TSC	132 KV Panwari(132kv)-Universal solar	S/C	132	14	Single panther	9/1/2016
337	TSC	132 KV Panwari(132kv)-Sarila Line	S/C	132	51	Single panther	
338	TSC	132 KV Panwari(132kv)-Nirosha solar	S/C	132	2	Single panther	
339	TSC	132 KV Panwari(132kv)-Greenurja solar	S/C	132	5	Single panther	10/1/2016
340	TSC	132 KV Mahoba(132kv)-Spinal Solar	S/C	132	12	Single panther	9/1/2017
341	TSC	132 KV Mahoba(132kv)-Prayatna Solar	S/C	132	22	Single panther	7/6/2017
342	TSC	132 KV Mahoba(132kv)-Mahoba TSS line	S/C	132	1.5	Single panther	8/21/2018
343	TSC	132 KV Mahoba (220 KV) -Panwari-II	D/C	132	51	Single panther	7/9/2017
344	TSC	132 KV UILO of Banda-Mahoba(132kv) line at Kabrai	D/C	132	1.6	Single panther	11/4/2019
345	TSC	132 KV Kabrai-Banda Line	S/C line	132	40	panther conductor	4/10/2019
346	TSC	132 KV Hamirpur-Jahanabad Line	S/C	132	55	Single panther	3/30/2017
347	TSC	132 KV Bharua(132kv)-Ragaul TSS Line	S/C	132	17	panther conductor	11/5/2018

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 उत्तर प्रदेश विद्युत निगम लिमिटेड

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
348	TSC	131 KV Hamirpur-Sarh Line-II	D/C	132	52	panther conductor	12/22/2018
349	TSC	130 KV Hamirpur-Sarh Line-I	D/C	132	52	panther conductor	
350	TSC	132KV PAHADI(220kv)-KARWI line	S/C	132	34.606	panther conductor	5/24/2018
351	TSC	132KV Mau-Sirathu line	S/C	132	64.3	panther conductor	11/13/2018
352	TSC	132KV Banda(220kv)-Karvi line	S/C	132	73	panther conductor	
353	TSC	132KV Banda(220kv)-Kabrai line	S/C	132	40	panther conductor	10/4/2019
354	TSC	132KV Banda(220kv)-Banda (132) line	S/C	132	3.5	panther conductor	
355	TSC	132KV Banda(220kv)-Augasi line	S/C	132	54	panther conductor	
356	TSC	132KV Banda(220kv)-Atarra line	S/c on D/C	132	45	panther conductor	
357	TSC	132 KV RAJAPUR PAHADI (220)-2 LINE	D/C	132	22.325	panther conductor	3/7/2020
358	TSC	132 KV RAJAPUR PAHADI (220)-1 LINE	D/C	132	22.325	panther conductor	3/7/2020
359	TSC	132 KV PAHADI(220kv)-MAU LINE	S/C	132	52.064	panther conductor	11/13/2018
360	TSC	132 KV PAHADI(220kv)-KHOH TSS	S/C	132	19	panther conductor	7/12/2018
361	TSC	132 KV ATTRA(132kv)-DINGWAHI TSS	S/C	132	34.5	panther conductor	6/1/2019
362	TSC	Sarh	D/C	132	11.5	Panther	
363	TSC	132KV Panki-MSKP(132kv)line	S/C	132	4.8	Panther	12/7/2010
364	TSC	132KV Naubasta(220kv)-Sarh line	S/C	132	23.17	Panther	
365	TSC	132KV Naubasta(220kv)-Malwan-I line	D/C	132	57	Panther	
366	TSC	132KV Naubasta(220kv)-Malwan- II line	D/C	132	57	Panther	
367	TSC	132KV Naubasta(220kv)-LML line	S/C	132	8	Panther	
368	TSC	132KV Naubasta(220kv)-Krishna Nagar(132kv)- II Line	D/C	132	7.1	Panther	3/19/1989
369	TSC	132KV Naubasta(220kv) - Krishna Nagar(132kv)-I Line	D/C	132	7.1	Panther	
370	TSC	132KV Naubasta(132kv)-MSKP (132kv) line	S/C	132	5	Panther	12/7/1996
371	TSC	132KV Naubasta-Ghatampur (132kv) line	S/C	132	27	Panther	
372	TSC	132KV Ghatampur-Ghatampur TSS line	S/C	132	7	Panther	
373	TSC	132 KV Sarh(220kv)-Ghatampur Line II	D/C	132	20.797	Panther	7/31/2019

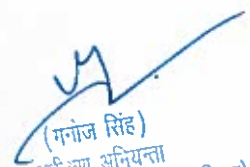



 निरीक्षण अभियन्ता
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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
374	TSC	132 KV Sarh-(220kv)-Ghatampur Line I	D/C	132	20.797	Panther	7/31/2019
375	TSC	132 KV Neebkarori(220kv)-Kannauj	S/C	132	62.18	Panther	
376	TSC	132 KV Neebkarori(220kv)-Kaimganj	S/C	132	28.42	Panther	
377	TSC	132 KV Neebkarori(132kv) - Fatehgarh	S/C	132	20.4	Panther	
378	TSC	132 KV Mainpuri(132kv)-Neebkarori	S/C	132	40.8	Panther	
379	TSC	132 KV Fatehgarh (132kv)- Kayamganj	S/C	132	35	Panther	
380	TSC	132 KV Chhibramau(220kv)-Fatehgarh	S/C	132	29	Panther	
381	TSC	132 KV Chhibramau(220kv)-Talgram	S/C	132	19.37	Panther	
382	TSC	132 KV Chhibramau(220kv) - Neebkarori	S/C	132	33	Panther	
383	TSC	132 KV Chhibramau(220kv) - Kannauj	S/C	132	52	Panther	
384	TSC	132KV Saifai(220kv)-Takha (132kv) line	S/C	132	33	Panther	10/6/2016
385	TSC	132KV Saifai(220kv)-Etawah(132kv) line	S/C	132	23	Panther	
386	TSC	132KV Saifai(220kv)-Chakernagar(132kv) line	S/C	132	48	Panther	
387	TSC	132KV Saifai(220kv)- Mainpuri line	S/C	132	40	Panther	
388	TSC	132KV Saifai(220kv)- Jaswantnagar(132kv) line	S/C	132	13	Panther	
389	TSC	132KV Dibiyapur(132kv)-Panki line	S/C	132	72.7	Panther	
390	TSC	132KV Bidhuna(132kv)-Dibiyapur (132kv)line	S/C	132	22.5	Panther	
391	TSC	132KV Bhartna-Etawah (132kv)line	S/C	132	21	Panther	
392	TSC	132KV Bhartna-Bidhuna(132kv) line	S/C	132	31	Panther	
393	TSC	132KV Bhartna-Auraiya (132kv)line	S/C	132	62	Panther	
394	TSC	132KV Auraiya(132kv)-Sikandra line	S/C	132	17.64	Panther	
395	TSC	132 KV Saifai(220kv)-DFCC Line	D/C	132	22.119	Panther	8/16/2019
396	TSC	132KV Orai(220kv)-Sarsoki TSS Line	S/C	132	0.4	Single Panther	9/14/2017
397	TSC	132KV Orai(220kv)-Orai(132) Line-II	S/C	132	9	Single Panther	11/9/2006
398	TSC	132KV Orai(220kv)-Orai(132) Line-I	S/C	132	7	Single Panther	9/5/2006
399	TSC	132KV Orai(220kv)-Moth Line	S/C	132	60	Single Panther	




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 उ०प्र० पा० द्वा० का० लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
400	TSC	132KV Orai(220kv)-Kalpi Line	S/C	132	22.359	Single Panther	8/11/2014
401	TSC	132KV Orai(220kv)-Jalaun Line	S/C	132	27	Single Panther	
402	TSC	132KV Kalpi(132kv)-ESSEL Urja line	S/C	132	4.027	Single Panther	10/8/2015
403	TSC	132KV Kalpi(132kv) - PSPN Solar plantline	S/C	132	10.308	Single Panther	
404	TSC	132KV Kalpi (132kv)- TN Urja line	S/C	132	14.61	Single Panther	8/25/2017
405	TSC	132kv Jalaun(132kv)-Konch Line	S/C	132	22.3	Single Panther	4/6/2016
406	TSC	132 KV Kalpi (132kv)- Pokhrayan line	S/C	132	27.57	Single Panther	
407	TSC	132KV Moth(132kv)-PTPS line	S/C	132	30	Single Panther	
408	TSC	132KV Moth(132kv)-Moth TSS line-II	D/C	132	4.5	Single Panther	8/16/2018
409	TSC	132KV Moth(132kv)-Moth TSS line-I	D/C	132	4.5	Single Panther	8/16/2018
410	TSC	132KV Moth(132kv)-Gursarai line	S/C on D/C	132	26.5	Single Panther	12/2/2016
411	TSC	132KV Mauranipur(132kv)-PTPS line	S/C	132	55	Single Panther	12/25/2007
412	TSC	132KV Mahrauni(132kv)- Sukhbeer line	S/C	132	12.05	Single Panther	
413	TSC	132KV Lalitpur(220kv)-TSS Udaipura	S/C on D/C	132	14.39	Single Panther	9/5/2018
414	TSC	132KV Lalitpur(220kv)-Mehrauni Line	S/C on D/C	132	9.757	Single Panther	7/2/2019
415	TSC	132KV Lalitpur(220kv)-Lalitpur(132) line-II	D/C	132	16.609	Single Panther	
416	TSC	132KV Lalitpur(220kv)-Lalitpur(132) line-II	D/C	132	16.609	Single Panther	
417	TSC	132KV Lalitpur(220kv)-Lalitpur(132) line-I	D/C	132	16.609	Single Panther	
418	TSC	132KV Lalitpur(220kv)-Lalitpur(132) line-I	D/C	132	16.609	Single Panther	
419	TSC	132KV Lalitpur(132kv)-Mahrauni line	S/c on D/C	132	44.5	Single Panther	8/12/2014
420	TSC	132KV Lalitpur(132kv)-Mahrauni line	S/c on D/C	132	44.5	Single Panther	12/8/2014
421	TSC	132KV Lalitpur(132kv)-Lalitpur TSS line-II	D/C	132	11.24	Single Panther	2076
422	TSC	132KV Lalitpur(132kv)-Lalitpur TSS line-I	D/C	132	11.24	Single Panther	2076
423	TSC	132KV Lalitpur(132kv)-Dukhwan SHEP	S/c on D/C	132	69.95	Single Panther	8/27/2019
424	TSC	132KV Lalitpur(132kv)- Rajghat line	S/C	132	25	Single Panther	3/12/1999
425	TSC	132KV Hasari(132kv)-PTPS Line	S/C	132	25	Single Panther	12/2/1964

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
426	TSC	132KV Hasari(132kv)-Lalitpur(132) Line-I	S/C	132	92.8	Single Panther	
427	TSC	132KV Hasari(132kv)-Dukhwan SHEP	S/C on D/C	132	31.03	Single Panther	8/27/2019
428	TSC	132kv Gurasai(132kv)-UPNEDA Line	S/C on D/C	132	28.74	Single Panther	11/8/2017
429	TSC	132KV Dunara(220kv)-PTPS line	S/C	132	10	Single Panther	12/12/2011
430	TSC	132KV Dunara(220kv)-Mustra TSS Line-II	D/C	132	20.5	Single Panther	7/27/2018
431	TSC	132KV Dunara(220kv)-Mustra TSS Line-I	D/C	132	20.5	Single Panther	
432	TSC	132KV Dunara(220kv)-Hasari line	S/C	132	15	Single Panther	12/12/2011
433	TSC	132KV Dunara(220kv)-Diamond Line	S/C on D/C	132	6.4	Single Panther	
434	TSC	132KV Dunara(220kv)-Adani Green Energy Solar Line	S/C on D/C	132	62.07	Single Panther	5/9/2019
435	TSC	132 KV Orail(400kv)-Dakor Ckt 2	D/C	132	34.841	Single Panther	11/4/2018
436	TSC	132 KV Orail(400kv)-Dakor Ckt 1	D/C	132	34.841	Single Panther	11/4/2018
437	TSC	132 KV Orail(400kv) - kalpi Line	S/C	132	8.3	Single Panther	3/8/2018
438	TSE	132KV Suraon-Pratapgarh Line	SC	132	32.4		
439	TSE	132KV Sultanpur-Gadwara Line	SC	132	36.5		
440	TSE	132KV Sangipur-Lalganj Line	SC	132	18.428		8/5/2017
441	TSE	132KV Pratapgarh-Pattil Line	SC	132	26.3		11/11/2007
442	TSE	132KV Pratapgarh-Lalganj Line	SC	132	24.97		
443	TSE	132KV Lalganj-Kunda Line	SC	132	40.347		10/7/2017
444	TSE	132KV Kunda-Gadimanikpur Line	SC	132	13.1		
445	TSE	132KV Jhusi-Kunda Line	SC	132	63.25		
446	TSE	132KV Gadwara-Pratapgarh Line	SC	132	31.32		
447	TSE	132kv SIRATGU KHAGA LINE	SC	132	31.5	Panther	
448	TSE	132KV Malwan Jahanabad	SC	132	37.6	Panther	
449	TSE	132KV Malwan Bindki Line	DC	132	11.7	Panther	
450	TSE	132KV Jahanabad Hameerpur	SC	132	54	Panther	
451	TSE	132KV Fatehpur- Khaga line	SC	132	41.8	Panther	

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

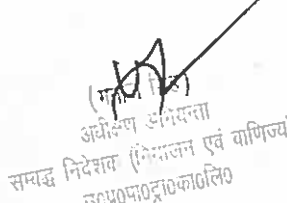
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
452	TSE	132KV Fatehpur Malwan I line	SC	132	16.5	Panther	
453	TSE	132KV Bindaki Sath line	DC	132	55.7	Panther	
454	TSE	132KV Naubsta Malwan line	DC	132	55.7	Panther	
455	TSE	132 Sirathu- Karvi Line. Line	SC	132	63.59	Panther	
456	TSE	132 Sirathu- Bharwai Line. Line	D/C	132	15.7	Panther	2/4/2016
457	TSE	132 Saraiakil- Manjhanpur Ckt. Line	SC	132	33	Panther	
458	TSE	132 Manauri- Sirathu Ckt. Line	SC	132	35	Panther	
459	TSE	132KV Rewa Road-Masauli Line	DC	132	49.5	CONDUCTOR	10/16/1973
460	TSE	132KV Masauli-Naini line	DC	132	53.74	CONDUCTOR	3/11/2019
461	TSE	132KV Masauli-Karchhana	DC	132	27.81	CONDUCTOR	3/11/2019
462	TSE	132 KV Rewa Road-Sarai Akil Line	DC	132	40	CONDUCTOR	2/11/1968
463	TSE	132 KV Rewa Road-Salayakhurd Line	DC	132	40	CONDUCTOR	10/26/2016
464	TSE	132 KV Rewa Road-Minto Park-II Line	DC	132	8.4	H.T. L.S CONDUCTOR	2/28/1971
465	TSE	132 KV Rewa Road-Minto Park-I Line	DC	132	8.4	H.T. L.S CONDUCTOR	2/28/1971
466	TSE	132 KV Rewa Road-GIS Old Power House Line -Overhead	SC	132	11	conductor	12/17/1988
467	TSE	132 KV Phoolpur-Teliarganj-II Line	DC	132	33	conductor	9/2/2010
468	TSE	132 KV Phoolpur-Teliarganj-I Line	DC	132	33	conductor	9/2/2010
469	TSE	132 KV Mintopark-Teliarganj underground Line	SC	132	6.31	Under ground cable	12/17/2018
470	TSE	132 KV Mintopark-Teliarganj underground Line	SC	132	6.31	Under ground cable	12/17/2018
471	TSE	132 KV Masauli-Salayakhurd-II	DC	132	27.4	CONDUCTOR	3/2/2019
472	TSE	132 KV Masauli-Salayakhurd-I	DC	132	27.4	CONDUCTOR	5/24/2019
473	TSE	132 KV Masauli-Meja ULO Line	DC	132	21.07	CONDUCTOR	2/27/2019
474	TSE	132 KV Cantt.-GIS Old Power House Line	SC	132	9.5	Under ground cable	5/14/2016
475	TSE	132 KV Cantt. - Manauri ULO line	SC	132	25	CONDUCTOR	1/12/1989
476	TSE	132 KV Cantt. -GIS Old Power House Line	SC	132	9.5	Under ground cable	5/14/2016
477	TSE	132 SHANKARGARH-YPC Line	SC	132	11.27	Panther	7/4/2009

(संयोजक)
अभियन्ता
समय निदेशक (नियोजन एवं वाणिज्य)
उपप्रमुख/प्रमुख

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
478	TSE	132 kV Shankargarh-TSS Line	SC	132	5.5	Panther	8/4/2017
479	TSE	132 kV Shankargarh-Mehrauni Solar Line	SC	132	9.31	Panther	
480	TSE	132 kV Shankargarh-Jari Line	SC	132	29.3	CONDUCTOR	6/23/2017
481	TSE	132 KV Naini-TSS Bheerpur Line	DC	132	19.8	Panther	
482	TSE	132 KV Naini-Jhansi Line	SC	132	14.4	Panther	
483	TSE	132 kV Meja-kosdakala (solar plant) line	SC	132	30	conductor	11/17/2017
484	TSE	132 KV Meja-Jigna Line	SC	132	27	Panther	
485	TSE	132 KV Masauli-Jari Line	DC	132	57.1	CONDUCTOR	3/2/2019
486	TSE	132 KV Koraon-Salayakhurd Line	DC	132	18	CONDUCTOR	10/26/2016
487	TSE	132kV Robertsganj -Sahupuri ckt -I Line	SC	132	71	panther	1/2/1962
488	TSE	132kV Robertsganj -chakiya ckt -II Line	SC	132	45	panther	1/2/1962
489	TSE	132kV pipri-Obra thermal S/C Line	SC	132	36	panther	
490	TSE	132kV pipri-Obra Hydral D/C Line	DC	132	35	panther	
491	TSE	132kV Pipri-ABCIL Line	SC	132	7	Panther	1964
492	TSE	132kV Pipri- Anpara D/C Line	DC	132	27	panther	
493	TSE	132kV pipri -kanoria S/C Line	SC	132	7	panther	
494	TSE	132kV pipri -Hitech carbon Line	SC	132	7	panther	
495	TSE	132kV Pipri - Robertsganj Line	DC	132	62	panther	1/2/1962
496	TSE	132kV Obra(Hydral) - Robertsganj Line	DC	132	28	panther	10/2/1977
497	TSE	132kV Obra(Hydral) - Dalla Line	DC	132	10	panther	9/3/1978
498	TSE	132kV obra thermal-obra hydral D/C Line	DC	132	1.5	panther	
499	TSE	132kV Bina-Morwa Line	SC	132	15	panther	
500	TSE	132kV Anpara-Bina Line	SC	132	9.5	panther	
501	TSE	132kV Anpara -Morwa LILO Line	SC	132	11.5	panther	
502	TSE	132KV Robertsganj-Mirzapur-II Line	SC	132	80	Panther	1/2/1962
503	TSE	132KV Robertsganj-Gurudev Nagar Line	SC	132	50.5	Panther	

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 (महोदय)
 अध्यक्ष, निदेशक
 समय निदेशक (निर्माण एवं वाणिज्य)
 उद्योग विभाग, काठमांडू

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details							
		Line Details					
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
504	TSE	132kv Mirzapur(220)-Mirzapur-I Line	SC	132	9.5	Panther	
505	TSE	132KV Mirzapur(220)-Lalganj Line	SC	132	39	Panther	
506	TSE	132kv Mirzapur(220)-Jigna-II Line	SC	132	24	Panther	
507	TSE	132kv Mirzapur(220)-Jigna-I Line	SC	132	25	Panther	
508	TSE	132kv Mirzapur-Lalganj Line	SC	132	34	Panther	
509	TSE	132kv Mirzapur-Aurai Line	SC	132	20	Panther	5/8/1972
510	TSE	132KV Gurudev Nagar-Mirzapur Line	SC	132	45	Panther	
511	TSE	132kv TSS BHADOHI Line	SC	132	2.5	Panther	6/4/2017
512	TSE	132kv S/C CHAURI T-OFF Line	SC	132	7.88	panther	
513	TSE	132kv S/C AURAI-GOPIGANJ Line	SC	132	15.8	panther	
514	TSE	132kv S/C AURAI- BHADOHI Line	SC	132	15.9	panther	7/4/1983
515	TSE	132kv BHADOHI-MADIYAHU Line	SC	132	23	panther	
516	TSE	132 kV Sahupuri(220kv)-Zamania Line	SC	132	53.7	panther	1971
517	TSE	132 kV Sahupuri(220kv)-Narayanpur LILO Line	DC	132	1.5	panther	
518	TSE	132 kV Sahupuri(220kv)-Mau Line	DC	132	59.9	panther	1965
519	TSE	132 kV Sahupuri(220kv)-Karamnasa Line	DC	132	38.4	panther	1/2/1962
520	TSE	132 kV Sahupuri(220kv)-Dhanapur LILO Line	DC	132	1.8	panther	
521	TSE	132 kV Sahupuri(220kv)-Chunar Line	DC	132	29.5	panther	2/5/1967
522	TSE	132 kV Sahupuri(220kv)- Chandauli LILO Line	DC	132	2.23	panther	1996
523	TSE	132 kV Sahupuri(220kv)- Chakla LILO Line	DC	132	21.7	panther	3/3/2016
524	TSE	132 kV Sahupuri(220kv) Robertsganj- Line	DC	132	71.6	panther	1964
525	TSE	132 kV Chunar(132kv)-Kazarahat Line	SC	132	3.7	panther	
526	TSE	132 kV Sahupuri(220kv)- Varanasi Line	DC	132	18.4	panther	1964
527	TSE	LILO of 132 KV Gajokhar - Kursato Line	SC/DC	132	2.692	panther	10/5/2016
528	TSE	220 KV Aurai (400) - Raja Ka Talab LILO Line	SC	132	6.23	panther	8/24/2019
529	TSE	132KV Sarnath(400KV)- Sarnath Line	DC	132	8.062	HTLS	9/9/1995

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सम्वत् निर्देशक (निगमन एवं वाणिज्य)
उपप्रधान-महोदय

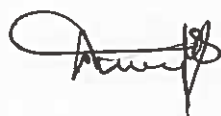
UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

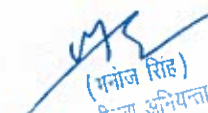
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
530	TSE	132KV Sarnath-Cantt Line	SC	132	26.94	HTLS	12/12/1991
531	TSE	132KV Sarnath Sahupuri Line	SC	132	8.916	panther	
532	TSE	132KV Sarnath - Kathi Line	SC	132	7.306	panther	3/11/2014
533	TSE	132KV DLW-Manduadih Line	SC	132	1	HTLS	12/12/1991
534	TSE	132KV Cantt- DLW Line	SC	132	13.3	HTLS	12/12/1991
535	TSE	132 KV RAJA KA TALAB(220)-KURSATO Line	SC/DC	132	19.282	panther	7/5/2018
536	TSE	132 KV Manduadih- Raja ka talab Line	SC	132	16.226	panther	
537	TSE	132 KV Kursato - Raja Ka Talab Line	SC/DC	132	19.282	panther	10/5/2016
538	TSE	132 kV Gajokhar-Mariyahu Line	SC/DC	132	42.3	panther	2002
539	TSE	132 kV Gajokhar-Manduadih Line	SC/DC	132	37.304	HTLS	2002
540	TSE	132 kV Gajokhar-Kursato Line	SC	132	29.7	panther	4/7/2016
541	TSE	132 kV Gajokhar-Kerakat Line	SC	132	15.172	panther	8/2/2012
542	TSW	132KV Firozabad(2)-Pinhat	SC	132	31	panther	12.07.96
543	TSW	132KV Etmadpur-Agra(4) Line	S/C	132	24.5	panther	13.08.1998
544	TSW	132KV Bah(2)-Pinhat	SC	132	22	panther	07.10.16
545	TSW	132KV Bah(2)-Bah	SC	132	27	panther	29.09.16
546	TSW	132 KV Agra South(400KV)- Gwalior Road	DC	132	29.6	panther	2017
547	TSW	132 KV Agra South(4)- Gwalior Road	DC	132	29.6	panther	2017
548	TSW	132 KV Taj- Foundry Nagar	SC	132	5.7	panther	1986
549	TSW	132 KV Sikandra(220KV)- Bodla	DC	132	5	HTLS	2001
550	TSW	132 KV Sikandra(220KV)- Bichpuri	DC	132	19.98	panther	2017
551	TSW	132 KV Cantt- Bichpuri	DC	132	16.42	panther	2017
552	TSW	132 KV Agra South(400KV)- Cantt	SC	132	12.4	panther	2017
553	TSW	132 KV Agra South(400KV)- Bodla	DC	132	14.9	panther	2017
554	TSW	132 KV Agra (400KV)- Foundry Nagar	SC	132	15.2	panther	1998
555	TSW	132 KV Agra (400KV)- Dayalbagh	DC	132	2	panther	2011

अधिकारी अभियन्ता
 राज्य निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र० पा० द० अ० अ०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
556	TSW	132KV Shamshabad(2)-Gwalior Road	DC	132	29.8	Panther	17.06.17
557	TSW	132KV Shamshabad(2)-Fatehabad	SC	132	27	Panther	05.03.10
558	TSW	132KV Fatehabad-Bhimnagari	SC	132	34.2	Panther	12.08.09
559	TSW	132KV Bah(2)-Shamshabad	SC	132	42	Panther	13.10.16
560	TSW	132KV Agra(4)-Taj	DC	132	35	Panther	05.06.70
561	TSW	132KV Agra(4)-Bheemnagri	DC	132	33	Panther	12.08.09
562	TSW	132KV Agra South(4)-Kheragarh Ckt-I	DC	132	26.97	Panther	10.08.17
563	TSW	132KV Agra South(4)-Kheragarh Ckt-II	DC	132	23.66	Panther	25.07.17
564	TSW	132 KV Taj- Agra Cantt.	DC	132	16.8	Panther	26.06.79
565	TSW	LILO of 132 KV Shikohabad-Tundla @Narkhi	DC	132	8.56	Panther	
566	TSW	LILO of 132 KV Shikohabad-Naseerpur @ Sirsaganj	DC	132	14.8	Panther	
567	TSW	LILO of 132 KV Shikohabad-Mainpuri @ Jsrana	DC	132	18.51	Panther	
568	TSW	LILO of 132 KV Firozabad-Shikohabad @ Tundla	DC	132	26.946	Panther	
569	TSW	132KV Tundla-Shikohabad Line	S/C+D/C	132	43.39	Panther	05.09.2016
570	TSW	132KV Sirsaganj-Naseerpur LILO Shikohabad Line	S/C	132	24.996	Panther	24.09.2016
571	TSW	132KV Mainpuri-Jsrana Line	S/C+D/C	132	16.435	Panther	30.09.2008
572	TSW	132KV Firozabad-Tundla Line	S/C+D/C	132	31.675	Panther	05.09.2016
573	TSW	132 KV Sirsaganj-Ubaiti (DFCCIL) Line	SC	132	19.48	Panther	
574	TSW	132 KV Shikohabad-Naseerpur Line	SC	132	10.831	Panther	
575	TSW	132 KV Shikohabad-Mainpuri Line	SC	132	44	Panther	
576	TSW	132 KV Firozabad-Shikohabad Line	SC	132	21.185	Panther	
577	TSW	132 KV Firozabad-Naseerpur Line	SC	132	28.425	Panther	
578	TSW	132 KV Etmadpur-Tundla Line	SC	132	20.4	Panther	
579	TSW	132KV Firozabad-Pinahat Line	S/C	132	53.27	Panther	11.05.1985
580	TSW	132kv Barhan-Tundla	DC	132	16.525	ACSR Panther	3/16/2018
581	TSW	132 kv Barhan- Etmadpur	DC	132	16.1	ACSR Panther	3/16/2018




 (मनोज सिंह)
 अधीक्षक अभियन्ता
 सम्यक् निदेशक (निर्माण एवं वाणिज्य)
 उ०प्र० पा० द० जा० लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
582	TSW	T off 132 KV Mainpuri-Safai Line at 132 KV S/SDannahar	S/C	132	14	Single Panther	06.08.2010
583	TSW	LILO of 132 KV Mainpuri-Nibkarori Line at 132 KV S/S Sultangnj	D/C	132	15.6	Single Panther	04.02.2017
584	TSW	LILO of 132 KV Mainpuri-nibkarori Line at 132 KV S/S Sultangnj	D/C	132	15.6	Zebra	2/4/2017
585	TSW	132KV Mainpuri-Aliganj	S/C	132	52.03	Single Panther	19.12.2012
586	TSW	132KV Etah-Nidhaulikalan	S/C	132	7.28	Single Panther	16.01.2017
587	TSW	132KV Etah-Kurawali	S/C	132	31	Single Panther	25.06.2015
588	TSW	132KV Aliganj-Kurawali	S/C	132	44.83	Single Panther	25.06.2015
589	TSW	132 KV Sikandrarao-Mirachi	S/C	132	31.06	Single Panther	16.01.2017
590	TSW	132 KV Sikandrarao-Kasganj	S/C	132	37.317	Single Panther	16.01.2017
591	TSW	132 KV Mainpuri-Saifai	S/C	132	28	Single Panther	12.05.1966
592	TSW	132 KV Mainpuri-Kusmara	S/C	132	41.8	Single Panther	30.09.2015
593	TSW	132 KV Kusmara-Chhibramau	S/C	132	42.8	Single Panther	30.09.2015
594	TSW	132 KV Kasganj-Ganjdundwara	S/C	132	31.72	Single Panther	27.02.2011
595	TSW	132 KV Hathras-Jalesar	S/C	132	31.36	Single Panther	10/28/2010
596	TSW	132 KV Etah-Mirachi	S/C	132	24.74	Single Panther	16.01.2017
597	TSW	132 KV Etah-Jalesar	S/C	132	35	Single Panther	19.04.1989
598	TSW	132 KV Etah-Ganjdundwara	S/C	132	36.439	Single Panther	04.03.2016
599	TSW	132KV Sikandrarao- Hasayan	S/C	132	14.8	Panther	26.04.2016
600	TSW	132KV Sikandrarao- Boner	S/C	132	33	Panther	09.08.1982
601	TSW	132KV Harduaganj-Anoop Shahr Road	S/C	132	8.2	Panther	02.02.2013
602	TSW	132KV Anoop Shahr Road-Khurja Line	S/C	132	45.8	Panther	02.02.2013
603	TSW	132 KV Sarsol-Aligarh-III Line	S/C	132	11	Panther	10.10.1982
604	TSW	132 KV Meetai-Iglas Line	S/C	132	28	Panther	15.05.2009
605	TSW	132 KV Khurja-Jattari Line	S/C	132	35	panther	24.03.2012
606	TSW	132 KV Khair-Gabhana Line	D/C	132	14.4	panther	07.06.2017
607	TSW	132 KV Khair-Aligarh-III Line	S/C	132	23	Panther	12.07.2015

(Signature)


 अधीक्षण अभियन्ता
 सम्यक् निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र०पा०ट्रा०का०लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

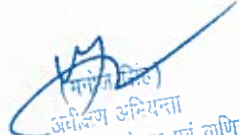
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
608	TSW	132 KV Hathras-Aligarh-III Line	S/C	132	37	Panther	20.03.2009
609	TSW	132 KV Harduaganj-Sarsol DC Line	DC	132	16	Panther	15.05.1971
610	TSW	132 KV Boner-Atrauli Line	S/C	132	29	panther	15.05.1980
611	TSW	132 KV Boner-Aligarh-V Line	S/C	132	6	panther	04.07.2014
612	TSW	132 KV Boner-Aligarh-III Line	S/C	132	23	Panther	20.03.2009
613	TSW	132 KV Atrauli-Sarsol Line	S/C	132	31	Panther	24.06.1983
614	TSW	132 KV Atrauli-Aligarh-V Line	S/C	132	26	panther	04.07.2014
615	TSW	132KV Sikandrarao-Gangiri Line	S/C	132	24	Single Panther	06.04.2016
616	TSW	132KV Atrauli-Gangiri Line	S/C	132	31.05	Single Panther	12.07.2012
617	TSW	132 kv Rasoolabad-NTPC(Solar) Line	S/C	132	53.77	Panther	
618	TSW	132 kv Rasoolabad- Sikandra Line	D/C	132	40	Panther	3/4/2016
619	TSW	132 kv Rania- Panki Line	S/C	132	24.658	Panther	4/27/2017
620	TSW	132 kv Rania- Jainpur Line	S/C	132	28.119	Panther	4/27/2017
621	TSW	132 kv Pukhrayan -Sikandara	S/C	132	28.83	Panther	5/12/2018
622	TSW	132 kv Pukhrayan-Lalpur Railway Line	D/C	132	18.18	Panther	7/1/2013
623	TSW	132 kv Panki- Dadanagar Line	S/C	132	6	Panther	1987
624	TSW	132 kv Panki- Azadnagar Line	D/C	132	12.6	Panther	3/31/1983
625	TSW	132 kv Jainpur-Sikandara Line	S/C	132	46.75	Panther	5/11/2018
626	TSW	132 kv Dadanagar-AZZ Line	S/C	132	3	Panther	2010
627	TSW	132 kv Bithoor-Bilhour Line	S/C	132	41.696	Panther	4/18/2013
628	TSW	132 kv Billhaur-Rasoolabad Line	S/C	132	47.161	Panther	6/19/2019
629	TSW	132 kv Panki-KFCL Line	D/C	132	5	Panther	5/25/2012
630	TSW	132 kv Panki-Jawaharpuram Line	S/C	132	3	Panther	12/8/2013
631	TSW	132 kv Panki-Armapur Line	D/C	132	9.5	Panther	27/02/2009
632	TSW	132 kv Bithoor-Jawaharpuram Line	S/C	132	20.5	Panther	3/20/2014

(निर्देशक)
 अवीक्षण अभियन्ता
 सम्यक् निदेशक (निर्वाहन एवं वाणिज्य)
 उ०प्र०पा०द्रा०का०लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
633	TSW	132 kV Mathura-II-Chhatikara T Line	S/C	132	11	single panther	8/5/2003
634	TSW	132 kV Mathura-Baad T Line	S/C	132	5.5	single panther	6/10/1998
635	TSW	132 kV Gokul-Vrindavan Line	S/C	132	19	single panther	8/5/2003
636	TSW	132 kV Gokul-Mathura Line	S/C	132	6	single panther	6/10/1998
637	TSW	132 kV Gokul-Maant Line	S/C	132	28	single panther	2010
638	TSW	132 kV Gokul-Chhata Line	S/C	132	48	single panther	4/23/2017
639	TSW	132 kV Chhata-Vrindavan Line	S/C	132	28	single panther	12/17/2016
640	TSW	132 kV Chhata-Kosi Line-II	S/C	132	14.5	single panther	4/21/2017
641	TSW	132 kV Chhata-Kosi Line-I	S/C	132	15	single panther	4/21/2017
642	TSW	132 kV agra south(400)- Mathura Line	S/C	132	48	single panther	7/19/1973
643	TSW	132 KV Sasni-Odpura Line	S/C	132	13.66	Single Panther	5/21/2018
644	TSW	132 kV Meetai-Sasni Line	S/C	132	26	single panther	8/31/2009
645	TSW	132 kV Meetai-Sadabad Line	S/C	132	18	single panther	1970
646	TSW	132 kV Meetai-Odpura-II Ckt.	S/C	132	11.3	single panther	1970
647	TSW	132 kV Meetai-Odpura-I Ckt.	S/C	132	5.4	single panther	1970
648	TSW	132 KV Meetai-Hasayan Line	S/C	132	51.437	single panther	1970
649	TSW	132 kV Meetai-Bamauli Line	S/C	132	20	single panther	4/17/2017
650	TSW	132 kV Mant-Barnuli Line	S/C	132	70.989	single panther	17.04.14
651	TSW	132 KV Beenupur sasni Line	S/C	132	22.34	single panther	5/21/2018
652	TSW	132 kV Agra-Sadabad Line	S/C	132	22	single panther	1970
653	TSW	132 kV Sikandra-Kirawali Line	S/C	132	28	single panther	3/7/2018
654	TSW	132 kV Agra south-Mathura Line	S/C	132	48.95	single panther	8/1/2017
655	TSW	132 kV Agra South-Kirawali Line	S/C	132	6.5	single panther	8/1/2017
656	TSW	132 kV Agra south- Bodla Line	S/C	132	14.97	single panther	7/28/2017
657	TSW	132 kV Agra South -Agra cant Line	S/C	132	12.14	single panther	7/25/2017
658	TW	132kV Niwari road - Partapur line	S/C	132	14.41	Panther	




 अर्थीय अभियन्ता
 सम्यद निदेशक (निर्माण एवं बाणिय)
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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
659	TW	132KV Muradnagar-Niwari road line	S/C	132	9.88	Panther	
660	TW	132KV Muradnagar-Modisteel line	S/C	132	6.59	Panther	
661	TW	132KV Modisteel- Lohianagar line	S/C	132	17.95	Panther	
662	TW	132KV Sahibabad-I.A. Line	S/C	132	10.78	AAAC+Panther	6/18/1981
663	TW	132KV Muradnagar-Morta	S/C	132	9.885	Panther	12/1/1967
664	TW	132KV Muradnagar-Lalkuan	S/C	132	13.603	Panther	11/1/1978
665	TW	132KV Muradnagar-D.P.H	S/C	132	20	Panther	
666	TW	132KV Loni-Morta	S/C	132	9.885	Panther	
667	TW	132KV Lalkuan-Govindpuram	S/C	132	0.3	(HTLS)	
668	TW	132KV I.A.-Goyal Gas	S/C	132	0.2	panther	9/15/1995
669	TW	132KV I.A.-CQIL	S/C	132	0.4	Panther	12/3/2011
670	TW	132KV Faridnagar-UPSIDC(Massurie)	D/C	132	20.9	Panther	
671	TW	132 kV Lalkuan-I.A.Line	S/C	132	3	ACSR Panther	6/18/1981
672	TW	Lalkuan Line	S/C	132	0.01	(HTLS)	9/8/2016
673	TW	132 Sahibabad-Vaishali Line	S/C	132	2.5	HTLS	5/16/2003
674	TW	132 Loni - Teela Mode Line	S/C	132	8.68	PANTHER	11/10/2003
675	TW	132 kV Sahibabad-Mohannagar Line	S/C	132	8.58	AAAC	1976
676	TW	132 kV Sahibabad-I.A Line	S/C	132	10.78	AAAC	6/18/1981
677	TW	132 KV SAHIBABAD VASHALI LINE	S/C	132	40.1	Dear	2016
678	TW	132 kV Morti-Kanha Upwan Line	D/C	132	0.8	PANTHER	12/28/2017
679	TW	132 kV Loni-Morta D/C-Mohan Nagar S/C Line	S/C	132	28.49	PANTHER+AAAC	1965
680	TW	132 kV Muradnagar-Morta Line	S/C	132	11	AAAC	8/15/1990
681	TW	132 KV MURADNAGAR-II -MORTA LINE	S/C	132	16.4	Panther	
682	TW	132 KV MURADNAGAR-II -DPH LINE	S/C	132	18.9	Panther	
683	TW	132KV Sikarpur- Dibai	SC	132	27.98	ACSR PANTHER	1977
684	TW	132KV Khurja-Anoopshahar Road	SC	132	44.5	ACSR PANTHER	1978

(Signature)

(Signature)
अधीक्षण अनियन्ता
सम्बद्ध निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०द्वा०का०लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
685	TW	132KV Khurja Bhoor-II	SC	132	16.222	ACSR PANTHER	1978
686	TW	132KV Khurja Bhoor	SC	132	17.94	ACSR PANTHER	1977
687	TW	132KV Jahangirabad-Lakhoti	SC	132	28.81	ACSR PANTHER	2016
688	TW	132KV Jahangirabad-Anoopshahr	SC	132	21.1	ACSR PANTHER	2013
689	TW	132KV Jahangirabad- Bhoor	SC	132	26.384	ACSR PANTHER	1994
690	TW	132 KV Khurja-Shiarpur	SC	132	21.66	ACSR PANTHER	1977
691	TW	132 KV Khurja- Khurja-II	SC	132	18.4	ACSR PANTHER	2014
692	TW	132 KV Jahangirpur-Khair	SC	132	29.309	ACSR PANTHER	2014
693	TW	132 KV Debai-Dharampur	SC	132	13.786	ACSR PANTHER	2014
694	TW	132 KV Debai-Anoopshahr	SC	132	21.67	ACSR PANTHER	2019
695	TW	132 Jahangirabad-Jahangirabad	SC	132	3.415	ACSR PANTHER	1994
696	TW	132 kv Simbhaoli-Simbhaoli Sugar Mill Line	S/C	132	2	ACSR PANTHER	11/2/2007
697	TW	132 kv Simbhaoli-Hapur Line	S/C	132	23	ACSR PANTHER	3/29/1985
698	TW	132 KV Simbhaoli-Garhmukateshwar Line -IInd	S/C	132	14.96	ACSR PANTHER	2/1/2020
699	TW	132 kv Simbhaoli-Babugarh Line	S/C	132	18.54	ACSR PANTHER	7/29/2009
700	TW	132 kv Simbhaoli- Garhmukteshwar Line-1st	S/C	132	26.937	ACSR PANTHER	3/30/2017
701	TW	132 kv Muradnagar-Dasna Line	S/C	132	18.56	ACSR PANTHER	4/10/1984
702	TW	132 kv Hapur(220 kv)-Pilkhuwa Line	S/C	132	10.06	ACSR PANTHER	5/27/2018
703	TW	132 kv Hapur(220 kv)-Babugarh Line	S/C	132	12.593	ACSR PANTHER	5/16/2018
704	TW	132 KV Hapur(132)-TSS Rly Line	S/C	132	3.22	ACSR PANTHER	8/3/2018
705	TW	132 kv Faridnagar-Pilkhuwa Line	S/C	132	11.098	ACSR PANTHER	3/29/2015
706	TW	132 kv Faridnagar-Hapur Line	S/C	132	17.504	ACSR PANTHER	2/28/1966
707	TW	132 kv Dasna- 400 KV GIS Dasna line	S/C	132	17.66	ACSR PANTHER	4/1/2019
708	TW	132 KV Syana-B.B.Nagar	S/C	132	12.804	ACSR PANTHER	4/1/2009
709	TW	132 KV Simbhaoli-B.B.Nagar	S/C	132	20.123	ACSR PANTHER	
710	TW	132 KV Sikandrabad-Bhoor-II	S/C	132	26.542	ACSR PANTHER	

(Signature)

(निर्देशक)
अध्यक्ष अनियन्ता
सम्वद्ध निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० कॉ० लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Sl. No.	Zone	Line Details					
		Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
711	TW	132 KV Shree Cement	D/C	132	1	ACSR PANTHER	9/17/2015
712	TW	132 KV Rukhi-Syana line	S/C	132	20.928	ACSR PANTHER	10/26/2018
713	TW	132 KV Rukhi-B.B.Nagar Line	D/C	132	28.404	ACSR PANTHER	10/26/2018
714	TW	132 KV Lakhaoti-Rukhi line	S/C	132	15.97	ACSR PANTHER	10/26/2018
715	TW	132 KV Gulaothi-Dasna (400KV) line	S/C	132	23.534	ACSR PANTHER	1/8/2019
716	TW	132 KV Gulaothi TSS	D/C	132	34.1	ACSR PANTHER	8/15/2014
717	TW	132 KV Dankaur	D/C	132	6.05	ACSR PANTHER	4/12/2017
718	TW	132 KV Bhoor-Gulaothi	S/C	132	19.875	ACSR PANTHER	
719	TW	132KVGr.Noida(400)-Surajpur Ckt-I	DC	132	9.86	ACCC CASABLANCA	26.03.2007
720	TW	132KV Gr.Noida(400)-Surajpur Ckt-II	DC	132	10.16	HTLS	
721	TW	132 KV TCL to 132 KV S/S Babrala	D/C Tower	132	2.38	Panther	11/2/2011
722	TW	132 KV Sambhal(220)-Asmouli Line	D/C	132	15.925	PANTHER	1/3/2017
723	TW	132 KV Sambhal(220 KV)-Sambhal Line-II	S/C	132	9.87	PANTHER	8/30/2018
724	TW	132 KV Sambhal(220 KV)-Sambhal Line-I	S/C	132	10	PANTHER	1/31/2011
725	TW	132 KV Sambhal(220 KV)-Sambhal Line	S/C	132	9.996	Panther	
726	TW	132 KV Sambhal(220 KV)-Chandausi Line	S/C	132	27.405	PANTHER	11/10/2010
727	TW	132 KV Sambhal-Moradabad Line	S/C	132	34.05	PANTHER	12/24/1979
728	TW	(Co-Gen)	S/C	132	15.81	PANTHER	10/8/2007
729	TW	132 KV Chandausi(220)-Asmouli Line	DC	132	37.431	Panther	
730	TW	132 KV Chandausi(220)-Chandausi Line-II	DC	132	14.704	Panther	
731	TW	132 KV Chandausi(220)-Chandausi Line-I	D/C	132	14.704	PANTHER	
732	TW	132 KV Chandausi(220)-Bahjoi Line	D/C	132	6.35	PANTHER	12/30/2017
733	TW	132 KV Bahjoi-Babrala Line	D/C	132	26.3	PANTHER	3/17/2018
734	TW	(Co-Gen)	D/C Tower	132	11.23	Panther	2/12/2014
735	TW	(Co-Gen)	D/C Tower	132	11.23	PANTHER	12/2/2014
736	TW	132 KV Babrala-Bisauli Line	S/C	132	52.536	PANTHER	10/3/2007

(प्रमुख निदेशक)
 अध्यक्ष, निदेशक (निर्वाह एवं वणिज्य)
 उ०प्र० पा० द० का० लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
737	TW	132 KV Shahbad-Bifari Line	S/C	132	25.29	Single Panther	10/31/2018
738	TW	132 KV Rampur-Moradabad-II Line	S/C	132	7	Panther	1992
739	TW	132 KV Rampur-Bilaspur Line	S/C	132	38.5	Panther	6/4/2019
740	TW	S/S Lalpur Line	D/C	132	70	Single Panther	1/7/2017
741	TW	132 KV Rampur (220 KV S/S)-Thakurdwara Line	D/C	132	64.832	Single Panther	1/8/2018
742	TW	132 KV Rampur (220 KV S/S)-Shahbad Line	S/C	132	25.3	Single Panther	9/1/2017
743	TW	132 KV Rampur (220 KV S/S)-Rampur Line	S/C	132	12.48	Single Panther	12/29/2016
744	TW	132 KV Rampur (220 KV S/S)-Railway Shahzad Nagar Line	D/C	132	5	Single Panther	8/2/2016
745	TW	132 KV Rampur (220 KV S/S)-Bilaspur Line	S/C	132	43.481	Single Panther	12/26/2016
746	TW	132 KV Moradabad(220 KV S/S)-Rampur Line Circuit-I	S/C	132	34	Panther	10/15/1976
747	TW	132 KV Moradabad-Tanda Line	S/C-D/C	132	31	Single Panther	1976-2010
748	TW	132 KV C.B. Ganj-Gulabbadi Line	D/C	132	58	Panther/Wolf	10/24/1956
749	TW	132 KV C.B. Ganj-Bilaspur Line	S/C	132	94.5	Panther/Wolf	6/4/2019
750	TW	132 KV C.B. Ganj (220 KV S/S)-Rampur Line	D/C	132	65	Single Wolf	1976
751	TW	132 KV Moradabad-Tanda Line CB-79	S/C	132	30	Panther	1978
752	TW	132 KV Moradabad-Rampur II (upto LILO at Rampur) Line	S/C	132	41.897	Wolf	1/7/1955
753	TW	132 KV Moradabad-Rampur CB-73	S/C	132	34	Panther	1976
754	TW	132 KV Moradabad (220 KV S/S)-Tanda Line	(S/C)/(D/C)	132	29	Single Panther	
755	TW	132 KV Moradabad (220 KV S/S)-Rampur Line (C.B. - 76)	S/C	132	34	Single Panther	1976
756	TW	132 KV Moradabad - Avas Vikas	S/C	132	1.5	Wolf	1956
757	TW	132 KV Moradabad - Amroha	S/C	132	26	Panther	1982
758	TW	132 KV Gulabbadi-Moradabad Line	S/C	132	6.101	Wolf	1/7/1955
759	TW	132 KV Gulabbadi-CB Ganj Line	S/C	132	37.656	Wolf	1/7/1955
760	TW	132 KV Agwanpur-Tajpur Line CB-72	S/C	132	40.08	Wolf	7/14/2018
761	TW	132 KV Agwanpur-Amroha Line CB-71	D/C	132	41.064	Panther	9/13/2017
762	TW	132 KV Tanda-Thakurdwara Line	S/C	132	32.398	Panther	6/16/2006

(मनीष सिंह)
 अतिरिक्त अभियन्ता
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 उ०प्र० पा० द० का० लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
763	TW	132 KV Moradabad-Kanth Road Line	D/C	132	14.035	r	8/3/1997
764	TW	132 KV M/S RSL Shahabad- Bilari Line	S/C	132	21.72	Panther	7/6/2010
765	TW	132 KV M/S RPL Bilari-Kundarki Line	S/C	132	8.64	Panther	11/20/2015
766	TW	132 KV Kundarki- Moradabad Line	S/C	132	20.82	Panther	2/4/2015
767	TW	132 KV Kanth Road-Amroha Line	D/C	132	47.78	wolf+Panther	
768	TW	132 KV Bilari-Chandausi Line	S/C	132	19.15	Panther	6/10/2016
769	TW	132 KV Awas Vikas-Jailpur Line	D/C	132	82.02	wolf	1957-58
770	TW	132 KV Sherkot-Kalagarh Line	D/c	132	42.97	Panther	8/23/2018
771	TW	132 KV Nehtaur(220 KV)-Nagina Line	S/c	132	16.629	Panther	2/25/2015
772	TW	132 KV Nehtaur-Nagina Line	S/c	132	16.629	Panther	2/25/2015
773	TW	132 KV Nehtaur-Fazalpur (Rly) Line	S/c	132	34.93	Panther	2004
774	TW	132 KV Nehtaur-Dhampur Line	D/c	132	16.765	Panther	2007
775	TW	132 KV Nehtaur-Dhampur Line	D/c	132	16.765	Panther	2007
776	TW	132 KV Nehtaur-BHL Co-Gen Line	S/c	132	5.78	Panther	2007
777	TW	132 KV Nehtaur-Afzalgarh Line	D/c	132	55.107	Panther	1/20/2014
778	TW	132 KV Nehtaur (400 KV)-Najibabad Line	S/c	132	25.914	Panther	12/4/2017
779	TW	132 KV Nehtaur (400 KV)-Nagina Line	D/c	132	23.566	Panther	4/5/2019
780	TW	132 KV Nehtaur (220 KV)-Najibabad Line	S/c	132	32.99	Panther	1978
781	TW	132 KV Dhampur-Sherkot Line	D/c	132	15.07	Panther	8/13/2018
782	TW	132 KV Dhampur-Sherkot Line	D/c	132	15.07	Panther	8/13/2018
783	TW	132 KV Dhampur-DSM Co-Gen Line	S/c	132	3.52	Panther	2008
784	TW	132 KV Dhampur-DSIL Co-Gen Line	S/c	132	28.6	Panther	4/2/2008
785	TW	132 KV Afzalgarh-Kalagarh Line	D/c	132	6.09	Panther	1/20/2014
786	TW	132kv Tajpur-Railway TSS Line	S/C	132	19.48	Panther	10/1/2004
787	TW	132kv Tajpur-AS&E Ltd. Co-gen Line	S/C	132	12.51	Panther	1/3/2007
788	TW	132KV Nehtaur(400)-Morna Line	D/C	132	54.1	Panther	12/26/2017

(गनाज सिंह)
 अधीक्षक अभियन्ता
 सार्वजनिक निर्माण एवं वाणिज्य
 उ०प्र० पा० द० का० लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details							
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
789	TW	132kv Nehtaur(400)-Chandpur Line	S/C	132	44.94	Panther	6/17/2017
790	TW	132kv Nehtaur(400)-Bijnor Line	S/C	132	13.77	Panther	6/15/2017
791	TW	132kv Nehtaur(220)-Tajpur Line	D/C	132	21	Wolf	1979
792	TW	132kv Nehtaur(220)-Kiratpur Line	D/C	132	13.5	Wolf & Panther	1956
793	TW	132kv Nehtaur(220)-Chandpur Line	S/C	132	21.524	Panther	1979
794	TW	132kv Nehtaur(220)-Chandok Line	D/C	132	43.5	Wolf & Panther	1956
795	TW	132kv Nehtaur(220)-Bijnor Line	S/C	132	21.304	Panther	1979
796	TW	132kv Chandok-USM Co-gen Line	S/C	132	0.3	Panther	2012
797	TW	132 KV Kiratpur-Morna Line	D/C	132	57.46	Panther	10/25/2018
798	TW	132 KV Kiratpur-Manglore Line	D/C	132	72	Wolf & Panther	1956
799	TW	132 KV Chandok-Luxor Line	D/C	132	31.5	Wolf & Panther	1956
800	TW	132 KV Sambhal-Saidnagli	S/C	132	32	Panther	2/20/2012
801	TW	132 KV Saidnagli-Candausi(220 KV)	D/C	132	57.075	Panther	9/28/2018
802	TW	132 KV Saidnagli-Asmoli	D/C	132	21.856	Panther	9/28/2018
803	TW	132 KV Moradabad-Amroha	D/C	132	60.459	ACSR Zebra	
804	TW	132 KV Garh- Gajraula	S/C	132	18	ACSR Panther	
805	TW	132 KV Gajraula(220 KV)-TSS Kafurpur line	D/C	132	11.05	Panther	10/23/2015
806	TW	132 KV Gajraula(220 KV)-KothiKhidmatpur Line	D/C	132	39	Panther	5/21/2015
807	TW	132 KV Gajraula(220 KV)-Gajraula	D/C	132	11	ACSR Panther	
808	TW	132 KV Gajraula(220 KV)-Bachrayun Line	D/C	132	17	Panther	3/4/2014
809	TW	132 KV Gajraula(220 kv) -Amroha	D/C	132	16	ACSR Panther	
810	TW	132 KV Gajraula -Amroha	S/C	132	24	ACSR Panther	
811	TW	132 KV Amroha(220 KV)-KothiKhidmatpur Line	D/C	132	23	Panther	10/31/2017
812	TW	132 KV Amroha(220 KV)-Kanth Road Line	D/C	132	48	Panther	7/14/2018
813	TW	132 KV Amroha(220 KV)-Bachhraun line	D/C	132	26.8	Panther	7/26/2019
814	TW	132 KV Amroha(220 KV)-Agwanpur Line	D/C	132	41.6	Panther	9/13/2017

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अधीक्षक अभियन्ता
सम्यक् निदेशक (नियोजन एवं याचिका)
उ०प्र०पा०ट्रा०का०लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
815	TW	132 KV Amroha-Chaddha Sugar Mill	S/C	132	22	ACSR Panther	2/11/2008
816	TW	132KV Shatabdinagar- Medical College	S/C	132	12.15	Panther	
817	TW	132KV Shatabdinagar- Lohia Nagar	S/C	132	17.09	Panther	
818	TW	132 KV Vedvyaspuri - Kankerkhera	S/C	132	11.368	Panther	
819	TW	132 kV Partapur-Vedvyaspuri	S/C	132	2.318	Panther	
820	TW	132 KV Partapur-Newari Road	S/C	132	14.41	Panther	
821	TW	132 kV Partapur- Shatabdinagar-II	S/C	132	2.71	Panther	5/25/2005
822	TW	132 kV Partapur- Shatabdinagar-I	SC	132	3.465	Panther	5/31/2005
823	TW	132 KV Nagli Kithore-Simbhaoli	S/C	132	14.45	Panther	
824	TW	132 KV Nagli Kithore-Partapur(220 KV Jagriti Vihar)	S/C	132	24.402	Panther	9/19/2019
825	TW	132 KV Nagli Kithore-Naglamal Sugar Mill	S/C	132	8.587	Panther	
826	TW	132 KV Mundali-Partapur (220 KV Jagriti Vihar)	S/C	132	22.108	Panther	9/19/2019
827	TW	132 KV Mundali-Mohiddinpur Sugar Mill	S/C	132	9.67	Panther	09.03.20019
828	TW	132 KV Modipuram-Sardhana	S/C	132	12.264	Panther	3/20/1978
829	TW	132 KV Modipuram-Mawana	S/C	132	20.931	Panther	5/19/2017
830	TW	132 KV Modipuram-Kankerkhera-II (Karnawal)	S/C	132	23.01	Panther	
831	TW	132 KV Modipuram-Kankerkhera	S/C	132	8.54	Panther	2004
832	TW	132 KV Modipuram-Kankerkhera	S/C	132	8.54	Panther	
833	TW	132 KV Modipuram-Ganga Nagar (GIS)	S/C	132	18.87	Panther	6/3/2018
834	TW	132 KV Medical College-Shatabdinagar	S/C	132	12.15	Panther	3/30/1990
835	TW	132 KV Medical College-Partapur (220 KV Jagriti Vihar)	S/C	132	5.06	Panther	8/31/2019
836	TW	132 KV Lohiya Nagar - Shatabdi Nagar	S/C	132	14.45	Panther	
837	TW	132 KV Lohiya Nagar - Partapur (220 KV Jagriti Vihar)	S/C	132	1.01	Panther	6/30/2019
838	TW	132 KV Lohiya Nagar - Modi Steel	S/C	132	28.86	Panther	
839	TW	132 KV Ganga Nagar (GIS)-Modipuram	S/C	132	19.01	Panther	6/3/2018
840	TW	132 KV Ganga Nagar (GIS) - Partapur (220 KV Jagriti Vihar)	S/C	132	15.05	Panther	8/31/2019

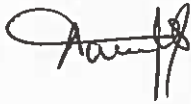
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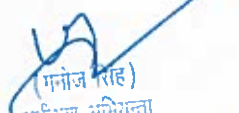
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अधीक्षक अनन्दना
सम्बन्ध-निदेशक (नियोजन एवं वाणिज्य)
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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
841	TW	132 KV Sardhana-Daurala Sugar Mill	SC	132	10.02	Panther	2/28/2008
842	TW	132 KV Ramraj Tikaula Sugar Mill	SC	132	2.54	Panther	10/26/2013
843	TW	132 KV Modipuram-Sardhana	SC	132	12.264	Panther	3/20/1978
844	TW	132 KV Modipuram-Mawana	SC	132	20.931	Panther	5/19/1976
845	TW	132 KV Modipuram-Kapsad	SC	132	22.197	Panther	7/22/2017
846	TW	132 KV Modipuram-Kankarkhera-II	SC	132	21.698	Panther	5/24/2018
847	TW	132 KV Mawana-Ramraj	SC	132	27.896	Panther	5/23/2017
848	TW	132 KV Mawana Sugar Mill	SC	132	0.95	Panther	3/3/2007
849	TW	132 KV Kapsad-Khatauli Line	SC	132	11.751	Panther	11/9/2012
850	TW	132 KV Chakra-Mawana	SC	132	14.4	Panther	5/23/2017
851	TW	132 KV Chakra-Hastinapur	SC	132	30.15	Panther	1/4/2017
852	TW	132kV Nirpura - Kanyan Line	SC	132	25	Panther	1/26/1986
853	TW	132kV Loni - Khekra Line	SC	132	7.747	Panther	5/13/2011
854	TW	132kV Baraut - Singhawali Line	SC	132	19.49	Panther	5/3/1996
855	TW	132kV Baraut - SBEC Sugar Mill Line	SC	132	14.7	Panther	12/21/1998
856	TW	132kV Baraut - Nirpura Line	SC	132	17.872	Panther	1/26/1986
857	TW	132kV Baraut - Kirthal Line	SC	132	23.029	Panther	10/12/2015
858	TW	132kV Baraut - Chhaprauli Line	SC	132	20.39	Panther	7/3/1996
859	TW	132kV Baraut - Baghpat Line	SC	132	17.067	Panther	12/15/1981
860	TW	132kV Baghpat - Khekra Line	SC	132	12.282	Panther	5/13/2011
861	TW	132kV Baghpat - Harsiya Line	SC	132	13.036	Panther	1/31/2019
862	TW	132 KV Singhawali-Kinauni Sugar Mill	SC	132	10.832	Single Panther	
863	TW	132 KV Kirthal-Ramala Sugar Mill Line	SC	132	4.106	Single Panther	2/28/2019
864	TW	132 KV Chhaprauli-Kirthal Line	SC	132	9.012	Panther	2/18/2019
865	TW	132 KV Chhaprauli-Kirthal Line	SC	132	9.012	Panther	2/18/2019
866	TW	132 KV Baraut-Malakpur Sugar Mill line	SC	132	14.7	Single Panther	

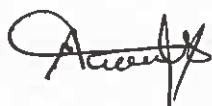


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(गनोज सिंह)
अधीक्षक अभियन्ता
समयद निदेशक (नियोजन एवं वसंधिज्य)
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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
867	TW	132kv Thanabhawan-Bajaj suger mill line	S/C	132	10.915	Panther	
868	TW	132kv shamli shyamla-superior food suger line	S/C	132	0.6	Panther	2017
869	TW	132kv shamli lalukheri	S/C	132	22	Panther	1982
870	TW	132kv lalukheri-titawi suger mill line	S/C	132	9.5	Panther	2007
871	TW	132kv Budhana-kharad line	S/C	132	8	Panther	
872	TW	132kv budhana-bajaj suger mill line	S/C	132	8.565	Panther	
873	TW	132 KV Thanabhawan-Jalalpur Line	S/C	132	20.07	Panther	1/17/2018
874	TW	132 KV Shamli-Kharad Line	S/C	132	19.3	Panther	1/30/2008
875	TW	132 KV Shamli-Jhinjhana Line	S/C	132	15.37	Panther	3/3/1987
876	TW	132 KV Shamli-Jasala Line	S/C	132	13.4	Panther	
877	TW	132 KV Shamli-Jalalpur Line	S/C	132	13.51	Panther	1/17/2018
878	TW	132 KV Shamli-Budhana Line	S/C	132	22.8	Panther	9/23/1978
879	TW	132 KV Nara-Lalukheri Line	S/C	132	32	Panther	
880	TW	132 KV Nanauta-Thanabhawan Line	S/C	132	9.05	Panther	
881	TW	132 KV Nanauta-Shamli Shyamla Line	S/C	132	25.95	Panther	6/6/2018
882	TW	132 KV Jhinjhana-Shamli-Shaymla Line	S/C	132	10.045	Panther	10/21/2016
883	TW	132 KV Jasala-Kaniyan Line	S/C	132	12.4	Panther	10/21/2016
884	TW	132 KV Purkazi-Uttam Sugar Line	S/C	132	4.48	Panther	2/17/2009
885	TW	132 KV Nara-Pura Line	S/C	132	10.172	Panther	6/6/2013
886	TW	132 KV Nara-Lalukheri line LILO at Baghra	S/C	132	1.016	Panther	12/17/2019
887	TW	132 KV Nara-Jansath Line	S/C	132	27	Panther	3/29/1979
888	TW	132 KV Nara-DCM Mansoorpur Sugar Line	S/C	132	7.225	Panther	11/17/2007
889	TW	132 KV Nara-Bhopa Road Line	S/C	132	10.66	Panther	3/25/1992
890	TW	132 KV Muzaffarnagar-Purkazi Line	S/C	132	26.18	Panther	2010
891	TW	132 KV Muzaffarnagar- Khatauli Line	S/C	132	35	Panther	3/17/2011
892	TW	132 KV Muzaffarnagar- Bhopa (Bhokerheri) Line	D/C	132	32	Panther	3/8/2017




 (मनोज सिंह)
 अधीक्षण अभियन्ता
 समग्र निर्देशक (नियोजन एवं वाणिज्य)
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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

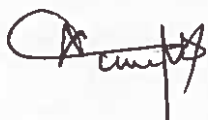
Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
893	TW	132 KV Muzaffarnagar -Jolly Road Line	S/C	132	0.8	Zebra	12/24/2010
894	TW	132 KV Muzaffarnagar -Bhopa Road Line	S/C	132	11.32	Panther	5/1/2010
895	TW	132 KV Khatauli-Pura Line	S/C	132	16.847	Panther	7/2/2019
896	TW	132 KV Jolly Road - Jaroda Nara TSS Line	D/C	132	9.86	Panther	10/22/2019
897	TW	132 KV Jansath-Bhopa(Bhokerheri) Line	D/C	132	29	Panther	7/22/2019
898	TW	220 KV Nanauta-PGCIL Line	S/C	132	23.922	Single Zebra	5/7/2016
899	TW	132 KV Nanauta- Gangoh Line	S/C	132	22.28	Single Panther	9/16/2017
900	TW	132 KV Nanauta- Deoband Line	S/C	132	34.172	Single Panther	10/13/2014
901	TW	132 KV Nanauta -Rampur Maniharan Line	S/C	132	12.307	Panther	3/13/2016
902	TW	132 KV Nakur-Gangoh Line	S/C	132	16.035	Single Panther	8/12/2005
903	TW	132 KV Nakur -Sarsawa Line	S/C	132	18.843	Single Panthe	1978
904	TW	132 KV Kota- Tapri line (TSS)	S/C	132	14	Single Panther	4/11/2016
905	TW	132 KV Kota- saharanpur Line	S/C	132	21.62	Single Panther	6/1/2014
906	TW	132 KV Gangoh-USM Line	S/C	132	6.84	Single Panther	11/13/2009
907	TW	132 KV Deoband-TEIL Line	S/C	132	4.709	Single Panther	12/15/2004
908	TW	132 KV Deoband -Kota Line	S/C	132	25.275	Single Panther	1/20/1989
909	TW	132 KV BHL Gangnoauli Line	S/C	132	25.814	Single Panther	3/20/2008
910	TW	132 KV saharanpur-Sarsawa Line	S/C	132	15.4	Panther	5/5/2018
911	TW	132 KV saharanpur- Gagaheri Line	S/C	132	11.046	Panther	1/2/2015
912	TW	132 KV saharanpur- Chhutmalpur Line	S/C	132	20.581	Panther	8/6/2005
913	TW	132 KV saharanpur- Ambala Road-I Line	S/C	132	34.89	Panther	11/27/2009
914	TW	132 KV Gagaheri-Bhagwanpur Line	DC	132	53.15	Panther	2/1/2015
915	TW	132 KV Behat- Chhutmalpur Line	S/C	132	22.619	Panther	7/27/2015
916	TW	132 KV Ambala Road-II-Bhagwanpur LILO Line	DC	132	54.23	Panther	1/31/2019
917	TW	132 KV Ambala road-I-Ambala Road-II Line	LILO	132	6.55		2/13/2018
918	TW	132 KV Ambala Road-I- Ambala Road-II Line	DC	132	6.55	Panther	2/13/2018

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अधीक्षक अभियन्ता
सम्यक् निर्देशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द० का० लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED , 132KV Line details

Line Details							
Sl. No.	Zone	Name of Transmission Line	Type of circuit (S/C, D/C)	Line Voltage Level	Line Length (Ckt. Km.)	Conductor type and characteristics	Date of commissioning
919	TW	220 kV Sec-62 Noida - 220 kV Sec-20 Noida Line	S/C	132	6.74	Zebra	11/21/1999
920	TW	132 kV Sec-66 Noida -220 kV Sec-20 Noida Line	D/C	132	10.985	Panther	1/4/2007
921	TW	132 kV Sec-66 Noida -132 kV Surajpur Noida Line	S/C	132	19.434	HTLS	4/5/2007
922	TW	132 kV Sec-62 Noida- 220 kV Sec-62 Noida /Vaishali Line	S/C	132	3.15	HTLS	3/31/2009
923	TW	132 kV Sec-20- Sec-45 Noida Line	D/C	132	18.89	Panther	1/6/2006
924	TW	132 kV Sec-20- Sec-115 Noida Line	D/C	132	10.71	Panther	7/30/2017
925	TW	132 kV Sec-129- Sec-45 Noida Line	D/C	132	8.19	Panther	1/6/2006
926	TW	132 kV Sec-129- Bhangal Line	S/C	132	5.43	HTLS	2/22/2013
927	TW	132 kV Sec-115- Bhangal Line	D/C	132	7.44	Panther	7/21/2014
928	TW	132 kV Gr. Noida- Surajpur Line	D/C	132	10.16	HTLS	3/26/2007




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 अधीक्षक अभियन्ता
 सम्वद्ध निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र०पा०ट्रा०का०लि०

(PROVISIONAL)
Annexure 13

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.



BALANCE SHEET AS AT 31st MARCH, 2020

(₹ In Actuals)

Particulars	Note No.	As at 31st March, 2020	As at 31st March, 2019
ASSETS			
1. Non-current Assets			
(a) Property, Plant & Equipment	2	1,95,69,48,34,218	1,77,46,37,17,426
(b) Capital Work-in-progress	3	78,37,74,88,673	70,41,40,38,385
(c) Other Intangible Assets	4	1,57,49,669	2,07,97,700
(d) Deferred Tax Assets	5	1,66,55,15,561	3,93,21,42,406
(e) Other Non-current Assets	6	4,56,29,761	3,59,34,484
2. Current Assets			
(a) Inventories (Stores & Spares)	7	16,27,12,52,738	14,31,11,16,495
(b) Financial Assets			
(i) Trade Receivables	8	56,00,55,86,475	42,14,21,62,855
(ii) Cash and Cash Equivalents	9	7,53,46,53,421	9,77,50,54,675
(c) Other Current Assets	10	4,09,70,97,737	4,11,26,73,191
Total Assets		3,59,70,78,08,253	3,22,20,76,37,617
EQUITY AND LIABILITIES			
Equity			
(a) Equity Share Capital	11	1,50,60,06,68,000	1,35,95,33,98,000
(b) Other Equity (Refer SOCE)		12,67,11,40,949	5,84,53,52,638
Liabilities			
1. Non-current Liabilities			
(a) Financial Liabilities			
(i) Borrowings	12	1,15,93,35,40,100	1,09,01,70,26,556
(ii) Other Financial Liabilities	13	24,70,95,096	1,39,87,88,671
(b) Provisions	14	2,84,49,03,832	2,22,70,43,124
(c) Other Non-current Liabilities	15	1,03,27,688	-
2. Current Liabilities			
(a) Financial Liabilities	16	16,36,41,80,828	11,28,33,06,589
(b) Other Current Liabilities	17	60,86,62,09,942	50,30,05,79,228
(c) Provisions	18	16,97,41,818	18,21,42,811
Significant Accounting Policies	1		
Notes on Accounts	29		
Note 1 to 29 form integral part of accounts			
Total Equity & Liabilities		3,59,70,78,08,253	3,22,20,76,37,617

(Signature)

(नीरज पिपोरिया)
लेखाधिकारी (कारपोरेट लेखा)
सं० प्र० पा० ट्रा० का० लि०

(Signature)

(प्रमोद गुप्ता)
लेखाधिकारी
सं० प्र० पा० ट्रा० का० लि०
संयोजक, लखनऊ

(Signature)

(S.K. Awasthi)
DGM (F&A)

(Signature)

(इ० के० गुप्ता)
अभिशांत निदेशक (वित्त)
सं० प्र० पा० ट्रा० का० लि०

निदेशक (वित्त)
परिपण

(Signature)

(Signature)
(मनीष सिंह)
अभिशांत निदेशक (वित्त)
सं० प्र० पा० ट्रा० का० लि०



UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

STATEMENT OF PROFIT & LOSS FOR THE YEAR ENDED 31st MARCH, 2020

(₹ in Actuals)

Particulars	Note No.	For the year ended 31st March 2020	For the year ended 31st March 2019
I Revenue from operations	19	34,98,09,40,236	23,64,36,81,640
II Other income	20	3,26,23,45,000	1,65,83,39,134
III TOTAL INCOME (I+II)		38,24,32,85,236	25,30,20,20,774
EXPENSES			
Employee benefits expense	21	3,85,00,25,296	2,72,83,59,838
Finance costs	22	10,90,05,82,505	10,29,08,15,447
Depreciation and amortization expenses	23	12,40,08,28,242	10,78,44,41,621
Other expenses			
(a) Administrative, general & other expenses	24	67,46,34,586	58,56,31,424
(b) Repair & maintenance expenses	25	4,60,18,57,785	4,20,79,74,418
(c) Bad Debts & Provisions	26	2,98,50,382	-
IV TOTAL EXPENSES		32,45,77,78,806	28,59,72,22,748
V Profit / (Loss) before tax (III-IV)		5,78,55,06,430	(3,29,52,01,974)
VI Tax expenses			
(a) Current tax		-	-
(b) Deferred tax	27	2,26,66,26,845	-
VII Profit / (Loss) for the period from continuing operations (V-VI)		3,51,88,79,585	(3,29,52,01,974)
VIII Profit / (Loss) from discontinued operations		-	-
IX Tax expense of discontinued operations		-	-
X Profit / (Loss) from discontinued operations (after tax) (VIII-IX)		-	-
XI Profit / (Loss) for the period (VII+X)		3,51,88,79,585	(3,29,52,01,974)
XII Other comprehensive income			
Items that will not be reclassified to profit or loss	28	(15,53,66,849)	(2,27,97,753)
XIII Total comprehensive income for the period (XI + XII) (Comprising profit / (loss) and other comprehensive income for the period)		3,36,35,12,736	(3,31,79,99,727)
XIV Earnings per equity share (For continuing operation) (Figures in actuals)			
(1) Basic EPS ¹		23.93	(25.92)
(2) Diluted EPS ¹		23.90	(25.92)
XV Earning per equity share (For discontinued operation) (Figures in actuals)			
(1) Basic EPS ¹		-	-
(2) Diluted EPS ¹		-	-
XVI Earning per Equity Share (For discontinued & continuing operations) (Figures in actuals)			
(1) Basic EPS ¹		23.93	(25.92)
(2) Diluted EPS ¹		23.90	(25.92)
Significant Accounting Policies	1		
Notes on Accounts	29		
Note 1 to 29 form integral part of accounts			

¹ Refer point 10 to Note No. 29


(नीरज पिपोरिया)
लेखाधिकारी (कारपोरेट लेखा)
उ०प्र०पा०ट्रा०का०लि०


(निरज गुप्ता)
लेखाधिकारी
उ०प्र०पा०ट्रा०का०लि०
शक्ति भवन, लखनऊ


(S.K. Awasthi)
DGL (PSA)


(ए०के० गुप्ता)
अध्यापक निदेशक (वित्त)
उ०प्र०पा०ट्रा०का०लि०


निदेशक (वित्त)
पारंपरण




(अनुराग गुप्ता)
अधीनस्थ अभियन्ता
समय निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०



UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

STATEMENT OF CHANGES IN EQUITY

A. Equity Share Capital

FOR THE YEAR ENDED 31st MARCH 2020

(₹ in Actuals)

Balance as at 01.04.2019	Changes in equity share capital during the year	Balance as at 31.03.2020
1,35,95,33,98,000	14,64,72,70,000	1,50,60,06,68,000

B. Other Equity

FOR THE YEAR ENDED 31st MARCH 2020

(₹ in Actuals)

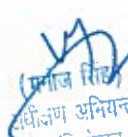
Description	Share Application Money pending allotment	Reserves & Surplus			Other Items of Other Comprehensive Income (Actuarial Gains & Losses)	Total
		Capital Reserve	Other Reserves	Retained Earnings		
Balance as at 01.04.2019	4,64,72,70,000	12,56,17,66,486	11,94,37,421	(18,09,24,14,668)	9,34,51,927	(67,04,88,834)
Changes in accounting policy or prior period errors						
Restated Balance as at 01.04.2019				6,51,58,41,472		6,51,58,41,472
	4,64,72,70,000	12,56,17,66,486	11,94,37,421	(11,57,65,73,196)	9,34,51,927	5,84,53,52,638
Total Comprehensive Income for the year					(15,53,66,849)	(15,53,66,849)
Dividends						
Transfer to retained earnings						
				3,51,88,79,585		3,51,88,79,585
Any other change	51,21,68,000	2,94,03,89,946	97,17,629			3,46,22,75,575
Balance as at 31.03.2020	5,15,94,38,000	15,50,21,56,432	12,91,55,050	(8,05,76,93,611)	(6,19,14,922)	12,67,11,40,949


(नीरज पुरी)
लेखाधिकारी (कारपोरेट लेखा)
उ०प्र०पा०ट्रा०का०लि०


(प्रभात गुप्ता)
लेखाधिकारी
उ०प्र०पा०ट्रा०का०लि०
शक्ति भवन, लखनऊ


(S.K. Awasthi)
DGM (F&A)


निदेशक (वित्त)
पारेषण
(ए०के० सु)
अधिसारी निदेशक
उ०प्र०पा०ट्रा०का०लि०


(अनिल कुमार)
समय निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०





UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 31st MARCH 2020

(₹ in Actuals)

S.No.	Particulars	For the year ended 31st March 2020	For the year ended 31st March 2019
A)	Cash Flow from Operating Activities		
	Net Profit/(Loss) before Tax	5,78,55,06,430	(3,29,52,01,974)
	Adjustment for :-		
(a)	Depreciation	12,40,08,28,241	10,78,44,41,621
(b)	Revenue recognized from Consumer Contribution	(1,02,68,50,363)	(83,03,07,259)
(c)	Proceeds from Consumers Contribution	3,98,72,40,308	3,81,46,70,596
(d)	Interest & Finance Charges	10,90,05,82,505	10,29,08,15,447
(e)	Provision for Loss on Capital Expenditure Incurred	1,13,00,000	-
(f)	Provision for Earned Leave Encashment (Terminal Benefit)	34,90,07,554	14,81,58,708
(g)	Interest Income	(32,10,17,636)	(40,87,81,399)
(h)	Provision for Gratuity - CPF Employees	10,10,85,312	8,50,42,710
(i)	Other Capital Reserves	97,17,629	(8,93,19,135)
(j)	Deferred Income	1,03,27,688	-
	Operating Profit Before Working Capital Changes	32,18,77,27,668	20,49,75,19,315
	Adjustment for :-		
(a)	Decrease/(Increase) in Inventories (Stores & Spares)	(1,96,01,36,242)	(1,34,17,74,328)
(b)	Decrease/(Increase) in Trade Receivables	(13,86,34,23,621)	(3,31,90,31,429)
(c)	Decrease/(Increase) in Other Current Assets	43,80,21,008	(1,15,24,643)
(d)	Increase/(Decrease) in Other Current Liabilities	9,64,65,04,953	9,43,45,53,643
	Cash Generated from Operations	26,44,86,93,766	25,25,97,42,558
	Less: Taxes paid	42,24,45,554	38,80,27,811
	Net cash flow from Operating Activities (A)	26,02,62,48,212	24,87,17,14,747
B)	Cash Flow from Investing Activities		
(a)	Decrease/(Increase) in Property, Plants & Equipments	(29,54,76,96,812)	(28,46,47,16,060)
(b)	Depreciation Reserve adjusted/deducted on PPE	(1,07,89,01,715)	(92,69,96,150)
(c)	Decrease/(Increase) in Intangible Assets	(2,98,475)	-
(d)	Decrease/(Increase) in Capital Work-in-Progress	(7,97,47,50,287)	(7,24,92,69,169)
(e)	Decrease/(Increase) in Other Non-current Assets	(96,95,277)	17,96,724
(f)	Interest received	32,10,17,636	40,87,81,398
	Net cash used in Investing Activities (B)	(38,29,03,24,930)	(36,23,04,03,257)

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(गन्तव्य तिथि)
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सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द्वा० का० लि०

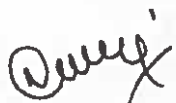
(₹ in Actuals)			
S.No.	Particulars	For the year ended 31st March 2020	For the year ended 31st March 2019
C)	Cash Flow from Financing Activities		
(a)	Proceeds from Borrowings (Net)	6,91,65,13,544	1,39,40,90,268
(b)	Proceeds from Share Capital	14,64,72,70,000	11,00,91,50,000
(c)	Proceeds from Share Application Money	51,21,68,000	4,64,72,70,000
(d)	Other Long-term Liabilities	(1,15,16,93,575)	(22,43,75,657)
(e)	Interest & Finance Charges	(10,90,05,82,505)	(10,29,08,15,448)
	Net cash flow from Financing Activities (C)	10,02,36,75,464	6,53,53,19,163
	Net (Decrease)/Increase in cash & cash equivalents (A+B+C)	(2,24,04,01,254)	(4,82,33,69,347)
	Cash & cash equivalents as at beginning of the year	9,77,50,54,675	14,59,84,24,022
	Cash & cash equivalents as at end of the year	7,53,46,53,421	9,77,50,54,675

Notes to the Cash flow Statement:

- (i) Cash & cash equivalents as at end of the year:-

Cash in hand	17,16,478	19,74,503
Cash in Transit	-	-
Balances with banks		
In Current & Other Account	7,53,21,61,571	9,77,21,73,024
In Fixed Deposit Account	7,75,372	9,07,148
Total	7,53,46,53,421	9,77,50,54,675

- (ii) This statement has been prepared using indirect method as prescribed under Para 20 to Ind AS 7.
- (iii) Cash and cash equivalents consists of cash in hand, bank balances in current & other account and fixed deposits with banks.
- (iv) Previous year figures have been regrouped/reclassified/recast wherever considered necessary.


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उ०प्र०पा०द्रा०का०लि०


(प्रकाश गुप्ता)
लेखाधिकारी
उ०प्र०पा०द्रा०का०लि०
शक्ति भवन, लखनऊ


(S.K. Awasthi)
D.G.M. (F&A)


निदेशक (वित्त)
पारेषण




(अनुराग गुप्ता)
अधिरक्षक (निदेशक)
उ०प्र०पा०द्रा०का०लि०


(अनुराग गुप्ता)
अधीक्षक अनियन्ता
सम्वद्ध निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०द्रा०का०लि०



UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED

Note - 1

SIGNIFICANT ACCOUNTING POLICIES (FINANCIAL YEAR 2019-20)

1) GENERAL / BASIS OF PREPARATION

(a) Governing Statute

The Company is governed by the Electricity Act, 2003 read with Electricity (Supply) Act, 1948 to the extent applicable.

(b) Statement of Compliance

The financial statements are prepared on accrual basis of accounting under historical cost convention in accordance with generally accepted accounting principles in India and comply with the Indian Accounting Standards (Ind AS) notified under the Companies (Indian Accounting Standards) Rules, 2015 and subsequent amendments thereto, the Companies Act, 2013 (to the extent notified and applicable), applicable provisions of the Companies Act, 1956, the provisions of the Electricity Act, 2003 and the provisions of Electricity (Supply) Annual Accounts Rules, 1985 to the extent applicable. The provisions of Electricity (Supply) Annual Accounts Rules 1985 have prevailed wherever the same are inconsistent with the provisions of the Companies Act, 2013. The accounting policies have been consistently applied by the company unless otherwise stated.

(c) Functional and presentation currency

These financial statements are presented in Indian Rupees (₹), which is the Company's functional currency. All financial information presented in INR has been rounded to the nearest lakhs (upto two decimals), except as stated otherwise.

(d) Current and non-current classification

1) The Company presents assets and liabilities in the balance sheet based on current/non-current classification.

An asset is current when it is:

- Expected to be realized or consumed in normal operating cycle;
- Expected to be realized within twelve months after the reporting period; or
- Cash or cash equivalent unless restricted from being exchanged or used to settle a liability for the last twelve months after the reporting period.

All other assets are classified as non-current.

A liability is current when:

- It is expected to be settled in normal operating cycle;
- It is due to be settled within twelve months after the reporting period; or
- There is no unconditional right to defer settlement of the liability for at least twelve month after the reporting period.

All other liabilities are classified as non-current.

2) Deferred tax assets/liabilities have been classified as Non-current.

(e) Use of Estimates

The preparation of financial statements requires estimates & assumption that affect the reported amount of assets, liabilities, revenue and expenses during the reporting period. Although such estimates & assumptions are made on a reasonable and prudent basis taking into account all available information, actual results could differ from these estimates & assumptions and such differences are recognized in the period in which the results are crystallized.

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2. SIGNIFICANT ACCOUNTING POLICIES

I) PROPERTY, PLANT & EQUIPMENT

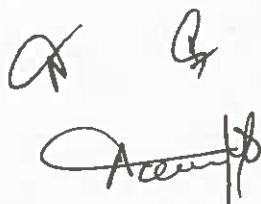
- (a) Property, Plant and Equipment (PPE) are shown at historical cost less accumulated depreciation.
- (b) Cost includes expenditure that is directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management.
- (c) In case of assets put to use, where final settlement of bills with the contractor is yet to be affected, capitalization is done on provisional basis subject to the necessary adjustments in the year of final settlement.
- (d) Transmission system Assets are considered as ready for intended use from the date of commercial operation declared in terms of UPERC Tariff Regulation and capitalized accordingly.
- (e) Revaluation of Property, Plant and Equipment is not permitted in light of the provisions contained in The Electricity (Supply) Annual Accounts Rules, 1985.

II) CAPITAL WORK IN PROGRESS (CWIP)

- (a) Cost of material, erection charges and other expenses incurred for construction of property, plant and equipment are shown as CWIP till the date of capitalization.
- (b) Due to multiplicity of functional unit as well as multiplicity of functions at particular unit, employee costs are apportioned as a percentage of total expenditure of capital works incurred during the year as per the Electricity (Supply) Annual Accounts Rules, 1985 as follows:
 - (i) In case of capital transmission works
 - (i) @9% on 132 & 220 KV Substations and Lines,
 - (ii) @7% on 400 KV Substations and Lines, and
 - (iii) @5% on 765 KV Substations and Lines.
 - (2) in case of other Capital works @ 10%.
- (c) Supervision charges on Deposit Works are apportioned @ 15% (except as stated otherwise under notes) of total expenditure of capital works.
- (d) Interest during construction allocated to construction of PPE are kept as a separate item under CWIP and apportioned to the related assets being capitalized.
- (e) Advances to Suppliers/Contractors (Capital) under CWIP are as per the Electricity (Supply) Annual Accounts Rules, 1985.

III) DEPRECIATION

- (a) Each part of the item of property, plant and equipment having significant cost in relation to the total cost of the item has been depreciated separately.
- (b) Depreciation is charged as per method prescribed in "Appendix I" to the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 Issued by Central Electricity Regulatory Commission vide notification no. L-1/236/2018/CERC Dt. 07.03.2019 under the powers conferred to it u/s 178 of the Electricity Act, 2003 (36 of 2003) read with section 61. The said regulation is effective for the period from 01.04.2019 to 31.03.2024.
- (c) In view of (b) above depreciation is charged on Property, Plant and Equipment at prescribed rates on SLM (Straight Line Method) considering 10% salvage value of the original cost (except in case of temporary erections such as wooden structures, where depreciation rate is 100% and in case of, IT equipment & Software where depreciable value is 100% with salvage value NIL).
- (d) Depreciation on additions to the Property, Plant and Equipment during the year is charged on pro-rata basis from the month of commercial operation. Similarly, depreciation on deductions from Property, Plant and Equipment during the year is charged on pro-rata basis upto the month in which the asset is disposed.




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उपप्रमुख कार्यालय

(e) In respect of leasehold assets (unlike other assets where depreciable value is 90%), the depreciation is charged to write-off 100 per cent (leaving a nominal value for Identification of lease asset) of the cost of leasehold asset, on a straight line method.

(i) as per III(b) above or

(ii) over the period of the lease, whichever is shorter.

In considering the period of the lease, the renewal clause, if any, in the lease agreement has been ignored.

IV) BORROWING COST

Borrowing costs toward the acquisition or construction of qualifying assets are capitalized as part of the cost of such assets upto the effective date of commercial operation. A qualifying asset is one that necessarily takes substantial period of time to get ready for commercial use. All other borrowing costs are recognized in the statement of Profit & Loss in the period they occur.

V) STORES & SPARES

(a) Stores & Spares are valued at cost (i.e., transaction value) as per Historical Cost Convention under the Electricity (Supply) Annual Accounts Rules, 1985, which does not permit revaluation for adjusting them to replacement cost, current cost etc.

(b) Steel scrap is valued at realizable value and scrap other than steel is accounted for in the accounts, as and when sold.

(c) Any shortage/excess of material found during the year end are shown as "Material short/excess pending investigation" till the finalization of investigation and thereafter any excess, if established is shown under the head of Income. Similarly shortages after investigation are either recovered from staff concerned or charged to Profit & Loss Account, as the case may be.

(d) Shortage/Loss due to theft or any other reason are first debited to the head "Misc. Advance to Staff" and are shown as Current Assets till the finalization of enquiry/settlement of the case.

VI) REVENUE RECOGNITION

(a) Transmission revenue is incorporated in the accounts on the basis of tariff approved by the UPERC for Intra-state transmission of energy. Any difference in transmission tariff approved by UPERC and the actual tariff presented in the true-up on the basis of audited accounts is accounted for on the decision of the UPERC on true-up petition.

(b) In consonance with the provisions of "Ind AS 115 - Revenue from contracts with customers", the consumer contribution received towards cost of Capital Assets, after being initially accounted as capital reserve, are recognized as revenue over a period which is the useful life of the underlying capital asset ascertained on the basis of general rate of depreciation as determined by the Regulator (i.e., CERC), vide CERC Regulations issued in exercise of powers conferred under section 178 of the Electricity Act, 2003, except when such period has been specifically determined by the terms of the agreement with the customer.

The revenue has been recognized as equal annual income over the abovesaid period, except in the year of initial recognition of Consumer Contribution Reserve, when only 50% of equal annual income is recognized as revenue and at the end of the abovesaid period when the whole unrecognized balance has been recognized as revenue.

(c) In view of Organizations's policy of advance collection of charges through NRLDC in case of Inter-state Short Term Open Access transactions and as per schedule of payment issued by SLDC in case of Intra-state Short Term Open Access transactions, the revenue from open access is recognized /accounted after receipt of charges on accrual basis at the tariff approved by CERC/UPERC.

Further, as per Ind AS 115 on Revenue from contracts with customers, the revenue received in advance against short term open access (STOA) proportionate to the period falling under the relevant Financial year is recognized as revenue either when the access has been provided or when the STOA period has expired and there are no remaining obligations or when the contract gets terminated. However, before being recognized as revenue, the consideration received from STOA customers has been accounted for as a liability.

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उपप्रबंधक/काउन्सिलर

(d) Government grants are accounted for in Balance Sheet by setting up the grant as Liability on receipt and it is transferred to Reserves as deferred income only when there is reasonable assurance that the conditions attached to it have been complied. Such deferred income is recognized in Statement of Profit & Loss on a systematic basis over a period which is the useful life of the underlying capital asset ascertained on the basis of general rate of depreciation as determined by the Regulator (i.e., CERC) vide CERC Regulations issued in exercise of powers conferred under section 178 of the Electricity Act, 2003.

(e) Supervision charges on Deposit Works (as per applicable rates) are recognised as revenue in proportion to related expenditure during the relevant period.

(f) Insurance and Other Claims, Refund of Custom duty, Interest on Income Tax & Trade Tax are accounted for on receipt basis. Interest on loans to staff is accounted for on receipt basis after the recovery of principal in full.

VII) MATERIAL PRIOR PERIOD ERRORS

All material prior period errors have been corrected retrospectively in the financial statements approved for issue after discovery of the error by restating the comparative amounts for the prior periods presented in which the error occurred or where the error occurred before the earliest presented period by restating the opening balances of assets, liabilities and equity for the earliest presented period, as the case may be.

In case it is impracticable to determine the period-specific effects/cumulative effect on all prior periods, the opening balances of assets, liabilities and equity/comparative information has been restated for the earliest date practicable.

VIII) EMPLOYEE BENEFITS

(a) Liability for Pension and Gratuity in respect of employees has been determined on the basis of actuarial valuation and has been accounted for on accrual basis.

(b) Provision for Earned Leave encashment (Post employment defined benefit plan) is accounted for as per the actuarial valuation report.

(c) Medical benefits and LTC are accounted for on the basis of claims received and approved during the year.

IX) PROVISIONS, CONTINGENT LIABILITIES AND CONTINGENT ASSETS

(a) Accounting of the provisions has been made on the basis of estimated expenditure to the extent possible as may be required to settle the present obligation and are reviewed at the end of each financial year and adjusted to reflect the estimated expenditure, to the extent possible.

(b) Contingent liabilities have been disclosed in the Notes to Accounts, unless the possibility of an outflow of resources embodying economic benefits is remote. Whereas, contingent assets have not been disclosed in the Notes to Accounts, unless an inflow of economic benefits has become probable.

(c) Where it is not practicable to disclose any contingent liability or contingent asset, the fact to that effect has been disclosed.

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Accountant

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उपप्रमुख कार्यालय

X) DEFERRED TAX

Ind AS 12 - 'Income Tax' requires entities to account for deferred taxes using the balance sheet approach, which focuses on temporary differences between the carrying amount of an asset or liability in the balance sheet and its tax base.

Deferred Tax Assets of Income tax recoverable in future periods in respect of deductible temporary differences & Deferred Tax Liabilities of Income tax payable in future periods in respect of taxable temporary differences are recognised using the Balance Sheet approach.

XI) CASH FLOW STATEMENT

Cash Flow Statement is prepared in accordance with the Indirect method prescribed in Ind AS – 7 'Statement of Cash Flows'.

XII) FINANCIAL ASSETS

Initial recognition and measurement:

All the Financial Assets are recognized initially at fair value plus transaction cost that are attributable to the acquisition or issue of the financial assets as the company purchase/acquire the same on arm length price and the arm length price is the price on which the assets can be exchanged.

Subsequent Measurement:

A- Debt Instrument:- A debt instrument is measured at the amortized cost in accordance with Ind AS-109.

B- Equity Instrument:- All equity instruments in entities are measured at fair value through profit & loss (FVTPL) as the same is not held for trading.

XIII) FINANCIAL LIABILITIES

Initial recognition and measurement:

Financial liabilities are recognised when the Company becomes a party to the contractual provisions of the Instruments. All the financial liabilities are recognised initially at fair value. The Company's financial liabilities include trade payables, borrowings and other payables.

Subsequent Measurement:

Borrowings have been measured at fair value using effective interest rate (EIR) method. Effective interest rate method is a method of calculating the amortised cost of a financial instrument and of allocating interest and other expenses over the relevant period. Since each borrowings has its own separate rate of interest and risk, therefore the rate of interest at which they have been acquired is treated as EIR.

Trade and other payables are shown at contractual value.

A financial liability is derecognised when the obligation specified in the contract is discharged, cancelled or expired.

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(प्रकाश गुप्ता)
लेखाधिकारी
उ०प्र०पा०वर ट्रा०समिशन का०मो लि०
राजिस्ट्रार नयन, लखनऊ

(S.K. Arora)
DGM (Admin)

अधिसूची निदेशक (मि० एवं दे०) निदेशक (वित्त)
पारिषद

सम्यक् निदेशक (नियोजन एवं वाणिज्य)
उ०प्र०पा०ट्रा०का०लि०

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED

14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

Particulars	GROSS BLOCK				DEPRECIATION AND AMORTISATION				NET CARRYING VALUE	
	As at 31.03.2019	Addition	Deduction/Adjustment	As at 31.03.2020	As at 01.04.2019	Addition	Deduction/Adjustment	As at 31.03.2020	Balance as at 31.03.2020	Balance as at 31.03.2019
Land & Land Rights										
(i) Land Owned under full title	1,41,97,16,150	1,31,28,725	43,83,83,940	99,44,79,241					99,44,79,241	1,41,97,16,150
(ii) Land Owned under Lease	1,25,98,750	9,32,809	1,29,38,400	5,54,356					5,54,356	1,25,98,750
Total (i+ii)	1,43,22,73,905	1,40,59,534	45,13,22,340	99,50,33,596					99,50,33,596	1,43,22,73,905
Buildings	10,85,13,80,632	1,45,79,33,457	84,64,740	12,30,05,49,349	2,35,57,60,222	38,65,91,465	76,18,298	2,73,47,33,441	9,56,58,18,988	8,49,56,20,410
Other Civil Works	91,83,22,721	11,90,83,382		1,03,54,06,103	32,81,80,091	3,71,57,909		36,53,38,170	67,00,67,433	58,81,41,560
Plant & Machinery	1,26,22,18,91,911	14,35,38,36,270	2,86,82,34,896	1,38,69,65,93,126	37,08,44,27,506	6,44,57,28,856	90,33,89,854	42,82,47,54,508	97,04,18,28,558	91,13,74,84,245
Wires, Cables Network etc	1,13,14,73,08,039	17,07,37,08,813	29,81,08,708	1,30,51,49,69,946	37,73,69,93,710	5,38,94,78,130	16,90,48,219	42,96,16,23,621	67,05,33,46,325	75,41,03,74,329
Vehicles	3,37,14,348			3,37,14,348	3,06,93,303	1,19,881		3,16,12,864	37,81,362	78,20,943
Furniture & Fixtures	8,74,36,568	1,23,18,279		9,97,54,847	2,46,09,064	53,23,210		2,99,31,283	6,98,28,584	6,28,31,504
Office Equipments	9,56,03,580	2,86,21,158		12,11,24,739	4,90,08,282	1,02,62,708		5,92,71,099	6,18,63,841	4,84,95,188
Other assets	1,05,44,18,911	4,74,39,331	9,83,872	1,19,68,64,370	78,87,25,570	12,06,24,248	6,48,378	66,66,61,443	21,43,62,927	28,78,93,341
Total	2,55,84,03,14,914	33,19,37,88,225	3,55,80,82,413	2,84,36,89,11,726	78,37,66,87,488	12,39,54,81,735	1,87,89,81,718	89,89,31,77,508	1,96,88,48,34,218	1,77,46,37,17,428

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(₹ in Actuals)

Particulars	As at 31.03.2020		As at 31.03.2019	
Note - '3' : Capital Work in Progress				
Capital Work in Progress ¹	36,36,43,11,331		33,77,12,66,847	
Less: Provision on account of CWIP loss (Due to abandonment or otherwise)	1,92,25,728	36,34,50,85,603	78,25,728	33,76,33,41,119
Borrowing Cost pending for capitalization upto Previous Year	5,29,90,87,614		5,18,46,80,245	
Add: Addition during the year	1,68,19,70,229		1,41,92,05,609	
Less: capitalization during the year	91,98,07,773	6,06,12,50,070	1,30,47,98,241	5,29,90,87,613
Material with Contractors for construction work	31,46,32,65,648		27,15,07,94,972	
Less: Provision for Bad & Doubtful Advances to Suppliers & Contractors (Capital)	1,85,50,382	31,44,47,15,266	-	27,15,07,94,972
Advances to Suppliers/Contractors (Capital) (Other than material)		4,52,64,37,734		4,20,08,14,681
Total		78,37,74,88,673		70,41,40,38,385

¹ Excluding borrowing cost & material and other advances with contractors.

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED

14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

NOTE - '4' : OTHER INTANGIBLE ASSETS

Particulars	GROSS BLOCK				DEPRECIATION AND AMORTISATION				(₹ in Actuals)	
									NET CARRYING VALUE	
	As at 01.04.2019	Addition	Deduction/ Adjustment	As at 31.03.2020	As at 01.04.2019	Addition	Deduction/ Adjustment	As at 31.03.2020	Balance as at 31.03.2020	Balance as at 31.03.2019
Intangible Assets										
Software	4,26,58,556	2,98,475	-	4,29,57,131	2,18,60,956	53,46,506	-	2,72,07,462	1,57,49,669	2,07,97,700
Total	4,26,58,556	2,98,475	-	4,29,57,131	2,18,60,956	53,46,506	-	2,72,07,462	1,57,49,669	2,07,97,700

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उपप्रमुख कार्यालय



UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(₹ in Actuals)

Particulars	As at 31.03.2020	As at 31.03.2019
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NOTE - '5' : DEFERRED TAX ASSETS

Net Deferred Tax Assets	1,66,55,15,561	3,93,21,42,406
Total	1,66,55,15,561	3,93,21,42,406

Details of DTA & DTL:

Deferred Tax Assets

Provisions/expenses allowable on payment basis	53,94,74,506	89,17,52,302
Unused tax losses	14,16,36,88,497	18,09,14,39,476
Unused tax credits	-	-
Others	-	-
	14,70,31,63,003	18,98,31,91,778

Deferred Tax Liability

Difference in book depreciation and tax depreciation	(13,03,76,47,442)	(15,05,10,49,372)
Others	-	-
	(13,03,76,47,442)	(15,05,10,49,372)
Total	1,66,55,15,561	3,93,21,42,406

NOTE - '6' : OTHER NON-CURRENT ASSETS

Deferred Revenue Costs (Land Lease Premium)	4,56,29,761	3,59,34,484
Total	4,56,29,761	3,59,34,484

NOTE - '7' : INVENTORIES

Stores & Spares

(a) Stock of Materials-Capital Works	12,83,59,56,332	12,01,08,72,371
(b) Stock of Materials-O&M	2,80,05,85,253	2,11,64,21,556
(c) Other Materials ¹	63,47,11,153	18,38,22,566
Total	16,27,12,52,738	14,31,11,16,495

¹ Other Materials include material issued to fabricators, obsolete material, scrap, transformers sent for repair, stores, excess/ shortage pending for investigation and material in transit.

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(₹ in Actuals)

Particulars	As at 31.03.2020	As at 31.03.2019
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NOTE - '8' : FINANCIAL ASSETS - TRADE RECEIVABLES

Trade receivables secured, considered good

Trade receivable unsecured, considered good

Trade receivable - Doubtful

56,00,55,86,475

42,14,21,62,855

Total

56,00,55,86,475

42,14,21,62,855

Details of Trade Receivables :-

Madhyanchal V.V.N.L., Lucknow

10,71,18,81,492

7,97,89,24,832

Purvanchal V.V.N.L., Varanasi

13,12,35,59,387

9,73,67,37,075

Pashchimanchal V.V.N.L., Meerut

18,00,03,08,718

13,79,77,14,297

Dakshinanchal V.V.N.L., Agra

13,20,55,54,190

10,13,97,76,817

KESCO, Kanpur

56,01,07,910

11,17,29,758

Others

40,41,64,778

56,00,55,86,475

37,92,80,076

42,14,21,62,855

NOTE - '9' : FINANCIAL ASSETS - CASH AND CASH EQUIVALENTS

(a) Cash in Hand (including Stamps in Hand)

17,16,478

19,74,503

(b) Balance with Banks

in Current & Other Account (including flexi balances)

7,53,21,61,571

9,77,21,73,024

in Fixed Deposit Account

7,75,372

9,07,148

Total

7,53,46,53,421

9,77,50,54,675

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(₹ in Actuals)

Particulars	As at 31.03.2020	As at 31.03.2019
NOTE - '10' : OTHER CURRENT ASSETS		
Unsecured, Considered Good		
Advances to Employees	6,82,179	9,59,607
(Adjustable/recoverable from salary)		
Tax Deducted at Source	42,24,45,554	39,14,66,188
Advances to Suppliers/Contractors (O&M)	15,55,83,416	14,18,18,414
Receivables :		
Employees	8,59,16,154	4,34,87,609
Others	92,00,81,614	1,04,29,37,918
	1,00,59,97,768	1,08,64,25,527
Less: Provision for Doubtful Receivables	1,86,60,300	1,86,60,300
	98,73,37,468	1,06,77,65,227
Interest accrued but not due on F.D.	1,92,609	3,64,244
Prepaid Expenses	99,077	1,26,676
Deferred Revenue Costs (Land Lease Premium)	17,96,724	17,96,724
Inter-Unit Transfers ¹	2,52,89,60,710	2,50,83,76,111
Total	4,09,70,97,737	4,11,26,73,191

¹ Refer point (18) of Note 29

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

Particulars	(₹ in Actuals)	
	As at 31.03.2020	As at 31.03.2019
NOTE - '11': Equity Share Capital		
(A) Authorized Capital		
200000000 Equity Shares of par value Rupees 1000 each	2,00,00,00,00,000	2,00,00,00,00,000
(Previous year 200000000 Equity share of par value Rupees 1000 each)		
(B) Issued, Subscribed and Paid-up Capital		
150600868 Fully paid Equity Shares of par value Rupees 1000 each	1,50,60,06,68,000	1,35,95,33,98,000
(Previous year 135953398 Fully paid Equity Shares of par value Rupees 1000 each)		
Total	1,50,60,06,68,000	1,35,95,33,98,000

(A) Reconciliation of the number of shares and amount outstanding at the beginning and at the end of the reporting period:

	As at 31.03.2020	As at 31.03.2020	As at 31.03.2019	As at 31.03.2019
	No. of Shares	(₹ in Actuals)	No. of Shares	(₹ in Actuals)
Shares outstanding at the beginning of the year	13,59,53,398	1,35,95,33,98,000	12,49,44,248	1,24,94,42,48,000
Shares Issued during the year- Fresh Issue	1,46,47,270	14,64,72,70,000	1,10,09,150	11,00,91,50,000
Shares outstanding at the end of the year	15,06,00,668	1,50,60,06,68,000	13,59,53,398	1,35,95,33,98,000

(B) Terms / Rights attached to Equity Shares

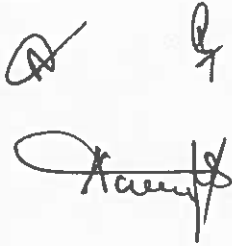
- (i) The Company has only one class of Equity Shares having a par value of ₹ 1000/- per share.
(ii) During the year ended 31.03.2020, the company has issued 14647270 shares.
(iii) During the year ended 31.03.2020, no dividend has been declared by the Board of Directors due to heavy accumulated losses.

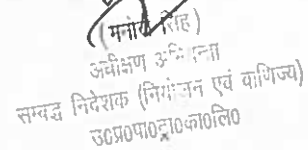
(C) Details of shares held by each shareholder holding more than 5% shares:

	As at 31.03.2020	As at 31.03.2020	As at 31.03.2019	As at 31.03.2019
Name of Shareholder	No. of Shares	% Holding	No. of Shares	% Holding
Hon'ble Governor of Government of U.P.	12,84,67,318	86.30%	11,38,20,046	83.72%
Uttar Pradesh Power Corporation Ltd.	2,21,32,752	14.70%	2,21,32,752	16.28%

Reconciliation of Share Application Money

Description	Share Application Money as on 31.03.2019	Received during the year 2019-20	Allotted during the year 2019-20	Share Application Money as on 31.03.2020
Share Application Money	4,64,72,70,000	16,16,94,38,000	14,64,72,70,000	6,16,94,38,000




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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(₹ in Actuals)

Particulars	As at 31.03.2020	As at 31.03.2019
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NOTE - '12' : Non- Current Financial Liabilities: Borrowings

Secured Loans

Term loans

From Others	1,29,64,03,45,642	1,18,30,74,31,774
(Secured by exclusive charge on asset created under the PFC & REC Scheme)		

Unsecured Loans

Term loans

From Others	23,00,21,207	55,65,17,636
(All the above loans are guaranteed by Govt of U.P.)		

Sub-Total of Secured & Unsecured Loans	1,29,87,03,66,849	1,18,86,39,49,410
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Less: Current Maturity of Long Term Borrowings (Refer Annexure A)	13,93,68,26,749	9,84,69,22,854
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Total	1,15,93,35,40,100	1,09,01,70,26,556
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- 1) Detail of terms etc. of borrowings have been annexed to Annexure-A.
2) Details of default in debt servicing have been annexed to Annexure-B.

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14, ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.
DISCLOSURES OF TERMS ETC. OF BORROWINGS AS REQUIRED IN SCHEDULE III TO THE COMPANIES ACT, 2013

Annexure A to Note 11
(Amount in ₹)

Loans	Security & Guarantee Details	Interest Rate	Repayment Terms	Balance as on 31.03.2019 (A)	Current Maturity for Long term debt as on 31.03.2019 (B)	Long term borrowing as on 31.03.2019 (C)=(A-B)	Loan received during the year (F.Y. 19-20) (D)	Loan repaid during the year (F.Y. 19-20) (E)	Balance as on 31.03.2020 (F)=(A+D-E)	Current Maturity for Long term debt as on 31.03.2020 (G)	Long term borrowing as on 31.03.2020 (H)=(F-G)
(A) Secured											
1. Power Finance Corporation Ltd (PFC)	Secured by hypothecation of Lines & Substations under the PFC scheme	9.30% to 13.75%	Forty to sixty equal quarterly installments	50,77,29,01,573	3,07,08,52,415	47,70,21,49,158	9,16,28,00,641	1,34,23,10,119	56,86,29,92,386	6,12,37,58,344	50,74,92,35,962
2. Rural Electrification Corporation Ltd (Transmission)	Secured by hypothecation of Lines & Substations under the REC scheme	11% to 12%	Forty equal yearly installments or one hundred twenty equal monthly installments	57,53,40,30,201	6,44,97,74,013	51,08,42,56,191	12,48,30,96,149	6,97,81,78,014	73,04,73,53,236	7,73,36,88,877	65,31,37,64,858
			Total (A)-(1+2)	1,18,30,74,51,774	9,52,06,26,428	1,08,78,78,04,346	21,64,58,06,890	18,31,20,83,130	1,29,84,83,45,642	13,86,73,45,821	1,16,78,38,09,821
(B) Unsecured											
3. Power Finance Corporation Ltd (Govt Guarantee)	Guaranteed by Govt. of U.P.	9.00% to 13.25%	Forty to sixty equal quarterly installments	9,13,89,281	9,13,89,281	-	-	9,13,89,281	-	-	-
4. Rural Electrification Corporation Ltd (Reschedule)	Guaranteed by Govt. of U.P.	10.11%	One hundred eighty equal monthly installments (EMI)	30,21,94,801	7,21,73,194	23,00,21,607	-	7,21,73,194	23,00,21,607	7,34,81,728	15,65,39,479
5. Rural Electrification Corporation Ltd (Transmission)	Guaranteed by Govt. of U.P. ¹	11% to 13%	One hundred twenty equal monthly installments	9,07,82,971	9,07,82,971	-	-	9,07,82,971	-	-	-
6. Rural Electrification Corporation Ltd (RPPCL)	Guaranteed by Govt. of U.P.	11% to 12.50%	One hundred twenty equal monthly installments	7,21,90,503	7,21,90,503	-	-	7,21,90,503	-	-	-
			Total (B)-(3+4+5+6)	66,66,17,856	33,64,36,429	33,01,81,427	-	33,64,36,429	33,64,36,429	7,34,81,728	18,08,29,479
			Grand Total (A+B)	1,24,96,92,37,630	12,86,42,69,857	1,12,10,49,67,773	21,64,58,06,890	51,96,04,559	1,63,51,41,881	21,21,58,586	1,42,30,83,315

¹ Total amount repaid during the year against loan given by Rural Electrification Corporation Ltd (Transmission) is Rs 9,07,82,97,000. Balance Rs 2004 has not been cleared by REC hence considered as waived off and considered under repayment column.



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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.
DISCLOSURES OF DEFAULT IN DEBT SERVICING AS REQUIRED IN SCHEDULE-III TO THE COMPANIES ACT, 2013

Annexure-B to Note 12
(Amount in ₹)

Loans	Repayment Terms				Default as on 31.03.2019				Default as on 31.03.2020			
	Date of Restructuring	Installments	Repayment Due from	Rate of Interest(%)	Principal	Interest	Principal Default w.e.f	Interest Default w.e.f	Principal	Interest	Principal Default w.e.f	Interest Default w.e.f
Secured												
(i) Power Finance Corporation Ltd												
(ii) Rural Electrification Corporation Ltd												
Total(A)												
Unsecured												
(i) Power Finance Corporation Ltd												
(ii) Rural Electrification Corporation Ltd (Reschedule)												
(iii) Rural Electrification Corporation Ltd (Transmission)												
(iv) Rural Electrification Corporation Ltd (PCL)												
Total(B)												
Grand Total(A+B)												

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

Particulars	(₹ In Actuals)	
	As at 31.03.2020	As at 31.03.2019
NOTE '13' - OTHER FINANCIAL LIABILITIES		
Interest accrued but not due on borrowings	24,70,95,096	1,39,87,88,671
Total	24,70,95,096	1,39,87,88,671
NOTE '14' - NON-CURRENT PROVISIONS		
Provision for Earned Leave Encashment	2,07,14,66,006	1,70,64,09,947
Provision for Gratuity (CPF Employees)	77,34,38,826	52,06,33,177
Total	2,84,49,03,832	2,22,70,43,124
NOTE '15' - OTHER NON- CURRENT LIABILITIES		
Deferred Income	1,03,27,688	
Total	1,03,27,688	
NOTE '16' - CURRENT FINANCIAL LIABILITIES		
Current Maturities of Long-term Debt ¹	13,93,68,26,749	9,84,69,22,854
Interest accrued but not due on borrowings	2,42,73,64,079	1,43,63,83,735
Total	16,36,41,80,828	11,28,33,06,589

¹ Details of Current Maturity of Long Term Borrowings (Refer Annexure A) is annexed with Note No. 12

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED

14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(₹ In Actuals)

Particulars	As at 31.03.2020	As at 31.03.2019
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NOTE '17' - OTHER CURRENT LIABILITIES

Liability for Capital Supplies/Works	15,09,57,73,299	14,63,79,67,664
Liability for O & M Supplies/Works	1,86,55,85,547	1,11,36,81,890
Staff Related Liabilities	1,62,67,21,073	1,56,37,29,819
Deposit & Retentions from Suppliers & Others	13,20,04,12,367	11,82,97,26,329
Deposit Works for DISCOMS	1,04,38,37,680	96,10,77,858
Deposit for Electrification Works	21,68,91,74,103	19,95,65,80,506
Deposit for PSDF (Cent. Govt. Contribution)	1,21,63,21,084	1,27,11,92,846
Inter-Company Balances	1,89,88,01,844	1,74,14,64,057
Sundry Liabilities	80,11,32,522	1,03,99,22,227
Liabilities for Expenses	45,99,81,951	36,29,98,509
Deferred Income	6,04,782	

Liabilities towards UP Power Sector Employee Trust

Provident Fund Liabilities (Principal)	38,29,02,323	37,76,89,587
Add Cumulative Interest provision on unremitted balance	80,70,46,342	71,95,55,192
	1,18,99,48,665	1,09,72,44,779
Add Pension & Gratuity Liability	57,51,39,759	1,76,50,88,424
		56,19,44,542
		1,65,91,89,321

Liabilities towards UPPCL CPF Trust

CPF Liability - (Principal)	10,68,94,894	8,03,84,542
Add Cumulative Interest provision on unremitted balance	9,59,00,372	20,27,95,266
		8,26,83,681
		16,30,48,203

Total	60,86,62,09,942	56,30,05,79,228
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NOTE '18' - CURRENT PROVISIONS

Provision for Earned Leave Encashment	15,80,60,740	17,41,08,245
Provision for Gratuity (CPF Employees)	1,16,81,078	80,34,566
Total	16,97,41,818	18,21,42,811

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

Particulars	(₹ in Actuals)	
	For the year ended 31.03.2020	For the year ended 31.03.2019

NOTE '19' - REVENUE FROM OPERATIONS

Sale of Services

Transmission Charges	34,53,33,67,347	23,00,73,04,287
Open Access Charges	39,40,22,014	59,14,59,984
Sub Total¹	34,92,73,89,361	23,59,87,64,271
SLDC Charges ²	5,35,50,875	4,49,17,369
Revenue from Operation (Net)	34,98,09,40,236	23,64,36,81,640

¹ The transmission charges related to DISCOMs, KESCO, NPCL and intra-state transmission of energy has been accounted for on the basis of tariff approved by the UPERC i.e. ₹ 0.1905/kwh (01.04.2019 to 10.09.2019/30.09.2019) & ₹ 0.1848/kwh (11.09.2019/01.10.2019 to 31.03.2020). Energy transmitted/wheeled during the year was 116731.808341 MU. (Previous year-111745.034647 MU).

Period	Units (kwh)	Rate	Amount
DISCOMS: 01.04.2019 to 30.09.2019	68,50,24,01,000	0.1905	12,66,87,07,591
DISCOMS: 01.10.2019 to 31.03.2020	45,72,25,23,000	0.1848	8,44,95,22,250
Other than DISCOMS: 01.04.2019 to 10.09.2019	1,42,79,56,217	0.1905	27,20,25,659
Other than DISCOMS: 11.09.2019 to 31.03.2020	1,67,38,85,659	0.1848	30,93,34,070
Supplementary Invoice & Other Agencies	1,40,50,42,465		39,27,11,110
True Up Gap for Financial Year 2017-18			4,62,04,30,000
True Up Gap for Financial Year 2018-19			8,13,60,20,000
Total	1,16,73,19,08,341		34,84,87,00,480
Add: Transmission charges under POC mechanism of PGCIL			7,86,88,381
Net Transmission Charges			34,92,73,89,361

² As a part of separate function of SLDC, the company is maintaining separate account for SLDC. The break-up of charges relating to SLDC is given below

Annual Charges	1,27,00,000	1,92,20,000
Application fee/Concurrence fee/SLDC Charges	4,08,50,875	3,46,97,369
Total	5,35,50,875	4,49,17,369

NOTE '20' - OTHER INCOME

Interest Income on

Fixed Deposits	36,889	27,22,54,668
Loans to Staff	1,185	574
Others	32,09,79,562	32,10,17,636
		13,65,26,158
		40,87,81,390

Maintenance & Shutdown Charges

	18,89,60,464	26,95,91,984
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Other Non-Operating Income

Income from Contractors/Suppliers	43,02,37,595	13,09,77,382
Income from Consumer Contribution Reserve	1,02,92,24,938	83,03,07,259
Supervision Charges	44,40,07,680	13,56,423
Rental From Staff	13,45,471	15,93,197
Miscellaneous Receipts	3,72,61,246	1,57,31,491
Income from Subsidies & Grants (Repayment of Loan Principal)	81,03,00,000	
Total	3,26,23,45,000	1,65,83,39,134

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अधीक्षक अभियन्ता
सामान्य निदेशक (नियोजन एवं कर्माज्य)
उत्तर प्रदेश विद्युत निगम लि.



UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

Particulars	(₹ in Actuals)	
	For the year ended 31.03.2020	For the year ended 31.03.2019

NOTE '21' - EMPLOYEE BENEFIT EXPENSES

Salaries & Allowances	4,12,30,26,834	3,73,21,54,727
Dearness Allowance	83,51,47,805	35,69,29,020
Bonus/ Ex-gratia	2,78,01,738	95,859
Other Allowances	21,46,78,886	18,23,53,779
Pension & Gratuity ^{1,2}	43,87,15,972	41,63,13,255
Medical Expenses(Re-imbursment) ³	1,84,14,256	2,51,42,682
Leave Travel Assistance ³	-	29,749
Earned Leave Encashment ⁴	52,99,70,242	41,58,71,932
Compensation	16,05,880	5,00,000
Contribution to Provident & Other Funds	25,33,26,876	20,26,84,436
Expenditure on Trust	4,99,00,708	30,00,758
Staff Welfare Expenses	82,48,726	12,89,161
Common Expenditure(Charged by UPPCL)	10,12,68,619	21,01,52,854
Sub Total	6,40,21,02,442	5,54,65,18,251
Less Expenses Capitalised	2,55,20,77,146	2,81,81,58,413
Total	3,85,00,25,296	2,72,83,59,838

¹ Since the Government has not yet finalised the absorption of Officers and Employees of the UP Power Transmission Corporation Limited by way of notification, hence, in line with the methodology for provision of pension & gratuity has been made in the Annual Accounts of UP Power Corporation Limited based on actuarial valuation report dated 09.11.2000 (adopted by Board of Directors of UPPCL) provisions for accrued liability on account of pension and gratuity in respect of employees covered under GPF Scheme has been made @16.70% and 2.38% respectively on the amount of basic pay and grade pay plus DA and in case of UP Power Corporation Limited obtaining actuarial valuation afresh during the pendency of finalisation of absorption of Officers and Employees of the UP Power Transmission Corporation Limited, suitable action will be taken for booking of the provision accordingly as required.

² As required by Ind AS 19, the company has measured and accounted for its liability arising from Gratuity of employees covered under CPF Scheme on the basis of Actuarial Valuation Reports.

³ Medical benefits and LTC are accounted for on the basis of claims received and approved during the year.

⁴ Inclusive of provision for Earned Leave Encashment (Terminal Benefits) made as per Actuarial Valuation Report for the current financial year.

NOTE '22' - FINANCE COSTS

(A) Interest expenses

Long term loans

PFC

Less: Interest Subsidy

REC

5,67,78,00,949	4,82,45,43,727
93,77,36,697	98,36,73,880
4,74,00,66,352	3,86,08,69,847
7,84,16,37,256	7,84,47,92,169
12,58,17,02,608	11,70,56,62,018

(B) Other Borrowing Cost

Guarantee Charges

Bank Charges

2,44,180	15,15,846
6,05,946	28,43,795

Sub Total	12,58,25,62,734	11,71,00,21,057
Less: Interest Capitalised/Transferred to Capital WIP	1,65,19,70,229	1,41,92,05,010
Total	10,90,05,82,505	10,29,08,15,447

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उज्जयिनी-०५०१०१०१०



UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(₹ in Actuals)

Particulars	For the year ended 31.03.2020	For the year ended 31.03.2019
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NOTE '23' - DEPRECIATION & AMORTIZATION EXPENSES

Depreciation & Amortization on Fixed Assets :

Buildings	38,65,91,485	34,06,20,726
Other Civil Works	3,71,57,510	3,48,10,558
Plant & Machinery	6,44,53,58,028	5,74,92,00,277
Lines, Cable Network etc.	5,39,00,44,960	4,58,80,59,181
vehicles	1,19,681	1,03,394
Furniture & Fixtures	53,23,219	45,82,645
Softwares	53,46,508	44,94,954
Office Equipments	1,02,82,708	65,42,527
Other Assets	12,05,24,249	5,80,27,361
Total	12,40,08,28,242	10,78,44,41,621

NOTE '24' - ADMINISTRATIVE, GENERAL & OTHER EXPENSES

Payment to Auditor:

(a) Statutory Auditors

Audit Fee	12,98,000	12,98,000
Travelling & other expenses	2,37,655	15,35,655
(B) Other Auditors		3,89,138

(Internal Audit, Cost Audit, Tax Audit & Secretarial Audit)

Audit Fee	57,73,746	85,54,930
Travelling & other expenses	4,67,222	62,40,968
		9,57,781

Advertisement Expenses	4,75,77,945	3,56,11,775
Communication Charges	2,43,10,974	2,65,17,146
Consultancy Charges	5,02,37,688	1,00,20,789
Tariff Assessment & License Fee	6,53,57,000	7,35,14,671
Electricity Expenses	2,49,42,260	2,34,41,562
Entertainment	-	2,500
Expenditure on Trust	14,03,180	3,06,267
Insurance	3,73,096	6,54,875
Interest on GPF & CPF Balance	10,08,41,405	9,98,17,948
Legal Charges	3,27,09,319	2,51,86,566
Outsourced Manpower for Administrative	16,48,34,896	11,51,46,790
Miscellaneous Expenses	4,03,85,010	4,82,07,028
Printing & Stationery	1,54,87,755	1,73,72,016
Rates & Taxes	1,69,59,815	2,67,19,570
Rent	1,27,980	3,97,553
Technical Fees & Professional Charges	1,44,99,987	88,49,327
Travelling & Conveyance	6,45,17,266	6,30,40,056
Water Charges	36,794	25,885
Common Expenditure (Charged by UPPCL)	9,56,250	-
Compensation (Other than staff)	-	3,67,001
Other Expenses & losses	15,20,363	10,30,151
Total	87,48,34,598	58,56,31,424

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उपप्रमोदराकाडिलो

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(₹ in Actuals)

Particulars	For the year ended 31.03.2020	For the year ended 31.03.2019
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NOTE '25' - REPAIRS & MAINTENANCE EXPENSES

Plant & Machinery	3,72,83,35,174	3,25,03,17,696
Buildings	17,81,17,317	17,17,76,398
Other Civil Works	22,87,000	43,14,939
Lines Cables Networks etc.	68,78,11,282	77,39,14,279
Vehicles-Expenditure	16,05,09,251	14,18,46,931
Less Transferred to Different Capital & O&M Works/Administrative Exp.	16,05,09,251	14,18,46,931
Expenditure on Contractual Manpower	47,79,89,470	41,73,60,606
Less Transferred to Different Capital & O&M Works/Administrative Exp.	47,79,89,470	41,73,60,606
Furniture & Fixtures	11,328	24,400
Softwares	39,82,500	53,10,000
Office Equipments	33,13,184	23,16,708
Total	4,60,18,57,785	4,20,79,74,418

NOTE '26' - BAD DEBTS & PROVISIONS

Provision for Loss on Capital Expenditure Incurred	1,13,00,000	
Provision for Loss - Advances to Suppliers/Contractors	1,85,50,382	
Total	2,98,50,382	

NOTE '27' - DEFERRED TAX

Deferred Tax Expense/ (Income)	2,26,66,26,845	
Total	2,26,66,26,845	

NOTE '28' - OTHER COMPREHENSIVE INCOME

Items that will not be reclassified to Profit & Loss		
Actuarial (Gains) /Losses - CPF Employees Gratuity Provision ¹	15,53,86,849	2,27,97,753
Total	15,53,86,849	2,27,97,753

¹ Recognized in the books on the basis of actuarial valuation report for Gratuity for the current financial year.

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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED

NOTE NO. 29

NOTES ON ACCOUNTS ANNEXED TO AND FORMING PART OF BALANCE SHEET AS AT 31.03.2020 AND PROFIT & LOSS STATEMENT FOR THE YEAR ENDED ON THAT DATE

- 1) (a) Uttar Pradesh Power Transmission Corporation Limited (UPPTCL or 'The Company') is a company domiciled and incorporated in India under the provisions of Companies Act and is limited by shares. The registered office of the Company is situated at Shakti Bhawan, 14-Ashok Marg, Lucknow, Uttar Pradesh, India. Under the Electricity Act 2003, the Company is notified as the State Transmission Utility by the GoUP, vide its notification No.: 2974(1)/24-P-2-2010 dated - 23rd December, 2010.
- (b) The Company came into existence when in compliance to GoUP letter No. 293 dated 16.05.2006, the Name and Object Clause of the Memorandum of Association of the erstwhile Uttar Pradesh Vidyut Vyapar Nigam Limited (Incorporated on 31.05.2004) was changed on 13.07.2006. The Company started its business independently with effect from 01.04.2007.
- (c) With an objective of separation of the activities of bulk purchase/sale of energy and transmission of energy under separate corporate entities respectively by Uttar Pradesh Power Corporation Ltd. (UPPCL) and UPPTCL with effect from 01.04.2007 under the provisions of the notification No.:2974(1)/24-P-2-2010 dated: 23rd December, 2010, i.e., Uttar Pradesh Electricity Reforms (Transfer of Transmission and Related Activities Including the Assets & Liabilities and Related Proceedings) Scheme, 2010, issued by Urja Anubhag-2, the Government of Uttar Pradesh vide powers conferred under sub-section (4) of section 131 of The Electricity Act, 2003 (Act No.36 of 2003) and in partial modification of scheme formulated under section 23 of The Uttar Pradesh Electricity Reforms Act, 1999 (Uttar Pradesh Act No.24 of 1999) the Government of Uttar Pradesh issued Provisional Transfer Scheme for Transfer of Transmission and Related Activities including the Assets & Liabilities and Related Proceedings from UPPCL to UPPTCL alongwith determination of terms and conditions of incorporation, according to which in the context of transmission undertaking (UPPTCL), unless stated otherwise by the State Government and/or UPPCL, the entire Assets, Liabilities and Proceedings related to transmission shall provisionally vest in the transmission undertaking. The UPPTCL has started functioning/operating independently with effect from 01.04.2007. UPPTCL is a State Transmission Utility in terms of section 39 of The Electricity Act, 2003.
- (d) In exercise of the powers conferred under sub-section (4) of section 131 of the Electricity Act, 2003 (Act No. 36 of 2003) and sub-section (4) of section 23 of the Uttar Pradesh Electricity Reforms Act, 1999 (U.P. Act no. 24 of 1999) read with clause 7 of the Uttar Pradesh Electricity Reforms (Transfer of Transmission and Related Activities Including the Assets & Liabilities and Related Proceedings) Scheme, 2010 (notification no. 2974 (1)/XXIV-P-2-2010, dated December 23, 2010), the Governor, by way of modification, variation and otherwise change in the terms and conditions of the said Uttar Pradesh Electricity Reforms (Transfer of Transmission and Related Activities Including the Assets & Liabilities and Related Proceeding) Scheme, 2010 in regard to the transfer of properties, interest, rights, liabilities, personnel and proceedings by substituting the schedule to the notification No.: 1529/XXIV-P-2-2015-Sa.(218)-2014 Dated: November 3, 2015 Issued by Urja Anubhag-2, GoUP in place of the Schedule to the notification No.: 2974 (1)/XXIV-P-2-2010, dated: December 23, 2010, the transfer scheme has been finalised which shall be effective for all intent and purposes with modifications thereto.
- (e) In partial modification of the Scheme formulated under section 23 of the Uttar Pradesh Electricity Reforms Act, 1999 (UP Act No.24 of 1999) by application of the powers conferred under section 133 of The Electricity Act, 2003 the State Government with the purpose of effectuating such Transfer Scheme, issued the terms and conditions for transfer of personnel of UPPCL working in the transmission undertaking and proceedings related thereto, by way of notification No.: 2974/24P-2-2010 Dated: December 23, 2010 issued by Urja Anubhag-2 of GoUP i.e. the Provisional Transfer Scheme comprising of methodology relating to provisional classification and transfers, the final transfer of personnel is yet to be notified by the Govt. of Uttar Pradesh.
- 2) Where historical cost of a discarded/retired/obsolete fixed asset is not available, the estimated value of such asset and depreciation, thereon, has been adjusted and accounted for.
- 3) On the overall basis the assets other than fixed assets have a value on realization in the ordinary course of business at least equal to the amounts at which they are stated in the balance sheet.
- 4) Earning/Expenditure in foreign currency during FY 2019-20 is NIL.

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उपप्रमोदकालि

- 5) Since the Company is principally engaged in the business of transmission of electricity and there is no other reportable segment as per Ind AS-108, hence the disclosure as per Ind AS 108 on segment reporting is not required. However, the transactions of activities relating to separate function of SLDC have already been specified in disclosure to Note 19.

6) **Capital Commitments, Contingent Liabilities & Contingent Assets:-**
(to the extent ascertainable and not provided for)

(₹ in Lakhs)

Particulars	As at 31.03.2020	As at 31.03.2019
Contingent Liabilities & Capital Commitments		
(i) Estimated amount of contracts remaining to be executed on capital accounts and not provided	1,89,887	1,84,839
(ii) Other claims against company not acknowledged as debts	1,923	3,715
Total	1,91,810	1,88,554
Contingent Assets		
(i) Claims by company not acknowledged as receivables	71,734	
(ii) Others	-	
Total	71,734	

A review petition has been filed against the disallowance of revenue gap of Rs. 717.34 crores in True-up Order for financial years 2017-18 & 2018-19.

Other than as stated above, liabilities, if any, arising out of cases/claims filed by employees as well as parties against company are unascertainable as such the same shall be met on arising thereof.

- 7) Nothing adverse regarding compliance of the provisions in respect of units covered under the MSMED Act, 2006, regarding the amount of unpaid liabilities and interest thereon as required u/s 22 of the said Act has been reported either by the Zonal units of UPPCL or the concerned parties covered under the Act.

8) **RELATED PARTY INFORMATION :-**

As per Ind AS 24 issued by the Institute of Chartered Accountants of India, the Company's related parties are as under:

a) **List of Related Parties (Key Management Personnel):**

i. **Key management personnel & their relatives:**

Name	Designation	Working Period (for F.Y. 2019-20)	
		Appointment	Retirement / Cessation as on 31.03.2020
Shri Alok Kumar	Prin. Secy.(Energy) & Chairman	25.01.2018	09.11.2019
Shri Arvind Kumar	Prin. Secy.(Energy) & Chairman	09.11.2019	working
Dr. Senthil Pandian C	MD	10.09.2018	working
Smt. Aparna U	MD, UPPCL & Director	26.10.2017	05.11.2019
Shri M. Devraj	MD, UPPCL & Director	05.11.2019	working
Shri Suman Guchh	Director (Commercial & Planning)	14.08.2017	28.10.2019
Shri Ravi Prakash Dubey	Director (Works & Project)	16.01.2018	working
Shri Ram Swarath	Director (SLDC)	13.02.2015	working
Shri Sudhanshu Dwivedi	Director (Finance)	28.02.2019	30.06.2019
Shri Bibhu Prasad Mahapatra	Director (Finance)	16.12.2019	working
Shri Brajesh Kumar Khare	Director (P&A)	30.06.2016	30.06.2019
Dr Vinod Kumar Khare	Director (P&A)	16.09.2019	working
Shri Chandra Mohan	Director (Operation)	30.06.2016	29.06.2019
Shri Rakesh Kumar Singh	Director (Operation)	15.07.2019	working
Shri Neel Ratan Kumar	Director	06.10.2010	working
Smt. Debjani Chakraborty	Nominee Director (REC)	30.08.2018	working
Shri Rakesh Kumar Singh	Nominee Director (Power Grid)	16.07.2018	30.06.2019
Shri Sanjay Gupta	Director (Power Grid)	10.02.2020	working
Smt Manju Shankar	Director (Bureau of Public Enterprises)	10.12.2015	31.12.2019

b) Transactions:

(Amount in ₹)

Particulars	2019-20	2018-19
	Referred in (a) (i) above	Referred in (a) (i) above
Salary & Allowances	1,11,68,934	1,29,16,323
Contribution to Gratuity/Pension/PF	7,63,917	15,53,289
Debts due from Directors	-	-

(c) The Chairman, Managing Director and other Directors who have been appointed/posted by the Govt. of U.P. for the UPPCL and have the additional charge of the company also, have drawn their remuneration from the UPPCL as per their entitlement.

(d) The company has no related party enterprises other than state controlled enterprises, details/transactions of which have not been disclosed in view of Para '25' of Ind AS 24 "Related Party Disclosures" which exempts State Controlled Enterprises from making any disclosure pertaining for their transactions with other related parties which are also State Controlled. The nature of transactions with such state controlled enterprises (usually DISCOMS) include wheeling charges and other receivables in ordinary course of business.

- 9) Deferred Tax Assets against unused tax losses arising from unabsorbed depreciation of Rs. 5627.66 crores have been recognized. In view of the accounting profit for the current year and increased tariff rate for future, it is probable that taxable profit will be available in future against which such unused tax losses can be utilised.
- 10) Basic and diluted earnings per share have been shown in the Profit & Loss Account in accordance with Ind AS 33 (EPS). Basic earnings per share have been computed by dividing net profit/loss after tax by the weighted average number of equity shares outstanding during the year. Numbers used for calculating diluted earnings per equity share includes the amount of equity share money (pending for allotment).

Particulars	For the year ended 31.03.2020 (Amount in Lakh ₹)	For the year ended 31.03.2019 (Amount in Lakh ₹)
(i) Basic EPS		
Profit after Tax as per Profit & Loss A/c (A)	35,189	(32,952)
Weighted Average Number of Equity Shares (B)	14,70,59,001	12,71,26,103
Basic Earning Per Share (A/B)	23.93	(25.92)
Face Value per share	1,000	1,000
(ii) Diluted EPS		
Profit after Tax as per Profit & Loss A/c (A)	35,189	(32,952)
Weighted Average Number of Equity Shares (B)	14,72,16,685	12,84,93,435
Diluted Earning Per Share (A/B)	23.90	(25.92)
Face Value per share	1,000	1,000

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(मनोज सिंह)
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राज्य निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० ट्रा० का० लि०

11) **Gratuity disclosure statement as per Ind AS 19 for the period 01/04/2019- 31/03/2020 based on actuarial valuation report**

(Amount in ₹)

a) Expenses Recognized in the Statement of Profit or Loss for Current Period

Particulars	For the year ended 31.03.2020	For the year ended 31.03.2019
Current Service Cost	6,42,35,302	5,53,42,008
Net Interest Cost	4,11,30,350	3,30,34,941
Past Service Cost	-	-
(Expected Contributions by the Employees)	-	-
(Gains)/Losses on Curtailments And Settlements	-	-
Net Effect of Changes in Foreign Exchange Rates	-	-
Expenses Recognized	10,53,65,652	8,83,76,949

b) Expenses Recognized in the Other Comprehensive Income (OCI) for Current Period

Particulars	For the year ended 31.03.2020	For the year ended 31.03.2019
Actuarial (Gains)/Losses on Obligation For the Period	15,53,66,849	2,27,97,753
Return on Plan Assets, Excluding Interest Income	-	-
Change in Asset Ceiling	-	-
Net (Income)/Expense For the Period Recognized in OCI	15,53,66,849	2,27,97,753

c) Amount Recognized in the Balance Sheet

Particulars	For the year ended 31.03.2020	For the year ended 31.03.2019
(Present Value of Benefit Obligation at the end of the Period)	(78,51,19,904)	(52,86,67,743)
Fair Value of Plan Assets at the end of the Period	-	-
Funded Status (Surplus/ (Deficit))	(78,51,19,904)	(52,86,67,743)
Net (Liability)/Asset Recognized in the Balance Sheet	(78,51,19,904)	(52,86,67,743)

12) **Disclosure of movement in provisions:-**

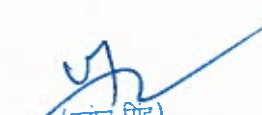
(Amount in Lakh ₹)

Particulars	Movement of Provisions			
	Balance as on 01.04.2019	Provision made during the year	Provision adjusted during the year	Balance as on 31.03.2020
Provision for doubtful receivables	187	0	0	187
Provision on account of CWIP loss (Due to abandonment or otherwise)	79	113	0	192
Provision for Bad & Doubtful Advances to Suppliers & Contractors (Capital)	0	186	0	186
Total	266	299	0	565

13) There have been consecutive losses in three immediately preceding financial years. In view of the same, average net profit of the company made during the three immediately preceding financial years was negative. No amount was spent on CSR activities in FY 2019-20.

14) Equity share against share application money of Rs. 5,15,94,38,000 received in Financial Year 2019-20 have been allotted during FY 2020-21.





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उ०प्र०पा०द्वारा

- 15) I) The company handed over following lands to departments/companies under State Government control:
- a. Land measuring 5.9 acres located at Taj Mahal East Gate Road, Agra to Tourism Department for construction of the Mughal Museum,
 - b. Land measuring 993 square meter located at 132/33 KV GIS Sub-station Neembu Park, Lucknow to Madhyanchal Vidyut Vitran Nigam Limited
 - c. Physical possession of 2.2250 hectares of land to Department of Tourism, Etawah.
- II) The company has made available the Land measuring 2380 square meter located at 132 KV SGPGI Sub-station to MVVNL on right to use basis.
- 16) Change in Accounting Policies:
- a) The accounting policy for depreciation on IT equipment & softwares has been changed in view of CERC Regulations, 2019. In view of the same, there is an increase of Rs. 5.93 crores in overall depreciation for the year.
 - b) Accounting policy for recognition of income from supervision charges against deposit works has also been changed which has resulted in an increase of Rs.44.4 crores in income from supervision charges and an equal amount of decrease in capitalization of employee cost.
 - c) The accounting policy for recognition of deferred tax asset/liability has been changed in view of the accounting profit for the current year and increased tariff rate for future. This has resulted in opening deferred tax assets of Rs. 393.21 crores and deferred tax expense of Rs. 226.66 crores during the year.
- 17) Inter-company balances includes an amount of Rs.300 crores payable to & Rs.110 crores receivable from power sector companies owned by State Government of Uttar Pradesh and are subject to reconciliation of differences, which is a continuous process and accounting for the same is done as and when found in the books of either of the companies as the case may be.
- 18) An effective new system for control of IUT transactions of the entire company has been introduced w.e.f. FY 2017-18. As a result, there are no unreconciled transactions from FY 2017-18 onwards. Inter Unit Balances prior to FY 2017-18 are subject to reconciliation of differences, which is a continuous process and accounting for the same is done as and when found in the books of either of the concerned units as the case may be.
- 19) The company has opted for new section 115BAA of the Income Tax Act, 1961 from the assessment year 2020-21 where the income tax payable in respect of the total income of the company shall be computed at the rate of twenty two percent plus surcharge and cess as applicable whereas before the adoption of such option the tax rate for the assessment year 2019-20 was thirty percent plus surcharge and cess as applicable.
- 20) Previous year figures have been regrouped/ reclassified/recasted wherever considered necessary.
- 21) The figures as shown in the Balance Sheet, Profit & Loss Statement, Cash Flow Statement, Statement of Equity and Notes to accounts have been rounded up/down to the nearest lakh rupees unless specified otherwise.
- 22) The significant Accounting Policies specific to first time adoption have been suitably amended wherever considered necessary.
- 23) The Financial Statements for the current year were approved for issue by Board of Directors on February 16, 2021.
- 24) Due to the outbreak of COVID 19 globally and in India the company management has made an initial assessment of likely adverse impact on business and financial risk and believes that the impact is likely to be short-term in nature. The management does not see any medium to long term risks in the Company's ability to continue as a going concern and meeting its liabilities as and when they fall due.


(नीरज पिपौरिया)
लेखाधिकारी (कारपोरेट लेखा)
उ०प्र० पा० द्रा० का० लि०


(प्रकाश गुप्ता)
लेखाधिकारी
उ०प्र० पा० द्रा० का० लि०
राजिनाथ भवन, लखनऊ


(S K Anandhi)
DGM (F&A)


(ए०के० गुप्ता)
अभिजीत निदेशक (वित्त)
उ०प्र० पा० द्रा० का० लि०

निदेशक (वित्त)
पारेषण




(गोविंद सिंह)
अधीक्षक अनियन्ता
सामयिक निदेशक (नियोजन एवं वाणिज्य)
उ०प्र० पा० द्रा० का० लि०

(3 in Actual)

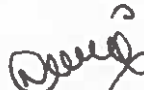
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UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED
25) SCHEDULE OF RESTATEMENT FOR BALANCE SHEET FIGURES AS ON 31.03.2020

(₹ in Actuals)				
Head Name (Assets/Liabilities)	Balance as on 31.03.2019	Nature of Item	Details	Restated Balance
EQUITY AND LIABILITIES				
Equity				
Equity Share Capital	1,35,95,33,98,000			1,35,95,33,98,000
Other Equity (Refer SOE)	(67,04,88,834)			
		Impact of restatement as on 01.04.2019		
			6,24,83,50,521	
		Net restatement of Profit/Loss	26,74,90,951	5,84,53,52,638
Liabilities				
1 Non-current Liabilities				
Financial Liabilities				
Borrowings	1,09,01,70,26,556			1,09,01,70,26,556
Other Financial Liabilities	1,39,87,88,671			1,39,87,88,671
Provisions	2,22,70,43,124			2,22,70,43,124
Other Non-current Liabilities	-			
2. Current Liabilities				
Financial Liabilities	11,28,33,06,589			11,28,33,06,589
Other Current Liabilities	56,74,05,54,262			
		Other Income	(53,84,827)	
		Repairs & Maintenance	(9,51,29,297)	
		Employee Costs	(33,16,84,136)	
		Administration and General Expenses	(77,76,774)	
Provisions	18,21,42,811			56,30,05,79,228
			(43,99,75,034)	18,21,42,811
NET IMPACT OF RESTATEMENT				


 (नीरज पिपौरिया)
 लेखाधिकारी (कारपोरेट लेखा)
 उ०प्र०पा०ट्रा०का०लि०


 (रमेश गुप्ता)
 लेखाधिकारी
 उ०प्र०पा०ट्रा०का०लि०
 राशि भवन, लखनऊ


 (S.K. Anandhi)
 DGM (PSA)


 (ए०के० गुप्त)
 अधीक्षक निदेशक
 उ०प्र०पा०ट्रा०का०लि०


 निदेशक (वित्त)
 पारिषद


 (मनोज सिन्हा)
 अध्यक्ष अनियन्ता
 सम्यक् निदेशक (नियोजन एवं वाणिज्य)
 उ०प्र०पा०ट्रा०का०लि०

