

Truing up for FY 2020-21,

Review for FY 2021-22

AND

ARR for Multi Year Tariff Determination for the
Control period FY 2022-23 to FY 2024-25

And

Tariff Proposal for FY 2022-23

Main Text & Formats (Volume I)

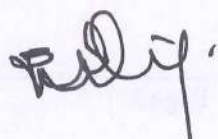
Submitted to:

Joint Electricity Regulatory Commission
Gurgaon

By

Electricity Department, Transmission Division,
UT of Dadra and Nagar Haveli and Daman and Diu

December 2021



BEFORE THE JOINT ELECTRICITY REGULATORY COMMISSION
FOR THE STATE OF GOA & UNION TERRITORIES

Filing No.....

Case No.....

IN THE MATTER OF: Filing of Aggregate Revenue Requirement (ARR) for Multi Year Tariff Determination for the Control Period FY 2022-23 to FY 2024-25 for Electricity Department, Transmission Division, Union Territory of Dadra and Nagar Haveli under Section 61, 62 and 64 of the Electricity Act, 2003

AND

IN THE MATTER OF Electricity Department, Transmission Division, UT of Dadra and Nagar Haveli and Daman and Diu (hereinafter referred to as "ED-DNH" or "The Petitioner" or "The Department")
..... Petitioner

The Applicant respectfully submits as under: -

1. Electricity Department, Transmission Division is a statutory body engaged in the transmission of electricity in Dadra & Nagar Haveli. Consequent to the enactment of the Electricity Act, 2003 (hereinafter referred to as the "Act"), the process of approval of proposed tariffs is vested with the State Commission. Based on the provisions of Section 61, 62 and 64 of the Act, Electricity Department, Transmission Division is filing the current Petition, in order to meet its financial requirements.
2. This is a Petition indicating the True up for the FY 2020-21, Review for FY 2021-22, Aggregate Revenue Requirement (ARR) for Multi Year Tariff Determination for the Control Period FY 2022-23 to FY 2024-25 and Tariff Proposal of Electricity Department, Transmission Division for the FY 22-23 (Financial Year 2022-23).

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ACRONYM	DEFINITION
A&G Expenses	Administrative & General Expenses
CEA	Central Electricity Authority
CERC	Central Electricity Regulatory Commission
CPP	Captive Power Plant
Ckt. Km / ckm	Circuit Kilometres
Discom	Distribution Company
EA 2003	Electricity Act 2003
G,T and D	Generation, Transmission and Distribution
IPPs	Independent Power Producers
IDC	Interest During Construction
MU	Million Units
MYT	Multi-Year Tariff
ND	Normal Development
PE	Power Evacuation
O&M	Operations and Maintenance
R&M Expenses	Repair & Maintenance Expenses
RoE	Return on equity
T&D	Transmission and Distribution
GFA	Gross Fixed Assets
R&M	Renovation & Modernisation
S/S	Sub Station
O&M	Operation & Maintenance
PGCIL	Power Grid Corporation of India Limited

Notes:

In this Petition:

All currency figures used in this Petition, unless specifically stated otherwise, are in Rs Crore and Million Units.

This petition contains the Main Text of the Petition, Formats and Annexure (Volume II)

July

Chapter 1: Introduction

1.1 Electricity Department, Transmission Division Profile

The power sector has grown significantly since 1950s, in terms of capacity of its generation and transmission & distribution (T&D) assets. Presently the sector and its business arrangements are in transition from a monopolistic government control system to market driven competition. Electricity Act 2003 (EA 2003) provides for consolidation of laws relating to generation, transmission, distribution, trading & use of electricity and for taking measures to restructuring the power sector, promoting competition, protecting customer interests and ensuring viability of the sector. Amongst other steps like open access etc, EA 2003 mandated unbundling of State Electricity Boards (SEB) into generation, transmission and distribution businesses.

The share of power generated by Central Sector Stations is transmitted to load centers in the Dadra and Nagar Haveli through an extensive network of 400KV and 220KV transmission lines and substations. The major functions of ED-DNH are:

1. Ensure reliable supply energy to DNHPDCL which in turn supplies power to the end consumers across the state.
2. Development of transmission network to meet the growing needs of the DNHPDCL.
3. Provide short term open access depending upon the margins in the existing facilities.
4. Functioning of SLDC

1.2 Tariff Regulations

Electricity Department, Transmission Division's tariff determination is now governed by "Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2021, hereinafter referred to as "MYT Regulations". The MYT Regulations, 2021 provide a framework for calculating tariffs on a cost-plus basis initially for a period of three years and allow the licensee to recover

operational expenses including depreciation, interest on working capital and debt, and return on equity amongst others. The MYT Regulations, 2021 segregate the items impacting tariffs into controllable and uncontrollable factors. Items that are uncontrollable are passed through to the consumers. Further, the MYT Regulations, 2021 identifies the uncontrollable and controllable parameters as follows:

1.2.1 Uncontrollable Parameters include

- 1 Force Majeure events;
- 2 Change in Law, judicial pronouncements and Orders of the Central Government, State Government or Commission;
- 3 Variation in the number or mix of Consumers or quantities of electricity supplied to Consumers;
- 4 Transmission loss;
- 5 Variation in the cost of power purchase due to variation in the rate of power purchase from approved sources, subject to clauses in the power purchase agreement or arrangement approved by the Commission;
- 6 Variation in fuel cost;
- 7 Change in power purchase mix;
- 8 Inflation;
- 9 Transmission Charges for a Distribution Licensee;
- 10 Variation in market interest rates for long-term loans;
- 11 Employee expenses limited to one time payment owing requirements of a pay commission and terminal liability of employees;
- 12 Taxes and Statutory levies;
- 13 Taxes on income;
- 14 Income from the realisation of bad debts written off;

1.2.2 Controllable Parameters include

- 1 Variations in capitalisation on account of time and/or cost overruns/ efficiencies in the implementation of a capital expenditure project not

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attributable to an approved change in scope of such project, change in statutory levies or force majeure events;

- 2 Variation in Interest and Finance Charges, Return on Equity, and Depreciation on account of variation in capitalisation, as specified in clause (a) above;
- 3 Variations in technical and commercial losses of Distribution Licensee;
- 4 Availability of transmission system;
- 5 Variations in performance parameters;
- 6 Failure to meet the standards specified in the Joint Electricity Regulatory Commission for the State of Goa & UTs (Standard of Performance for Distribution Licensees) Regulation, 2015, as amended from time to time;
- 7 Variations in labour productivity;
- 8 Variation in O&M Expenses, except to the extent of inflation;
- 9 Bad debts written off;

1.3 Contents of this Petition

The present Tariff Petition is being submitted in compliance with the provisions of Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2021. This Petition covers the True up of FY 2020-21, Review for FY 2021-22 and basis, assumptions and projections of individual elements constituting the determination of Aggregate Revenue Requirement for the Multi Year Tariff Determination for Control period FY 2022-23 to FY 2024-25 and Tariff Proposal for the FY 2022-23.

Chapter 2: About the Electricity Department, Transmission Division

2.1 Existing Transmission System of Electricity Department, Transmission Division

Key assets of Electricity Department, Transmission Division include the transmission lines and sub-stations. The total length of the transmission assets as on March 31, 2021 was 38.18 DC Kilo meters (DC Kms). The EHV lines in DC km existing at end of FY 2020-21 and their growth are shown in the table below:

Table 1: Status of Transmission Assets - DC kms

ASSETS	UNITS	FY 2020-21
EHT		
220 KV lines	DC kms	38.18

The details of existing substations of the Electricity Department, Transmission Division are as given below:

Table 2: Details of existing Substations

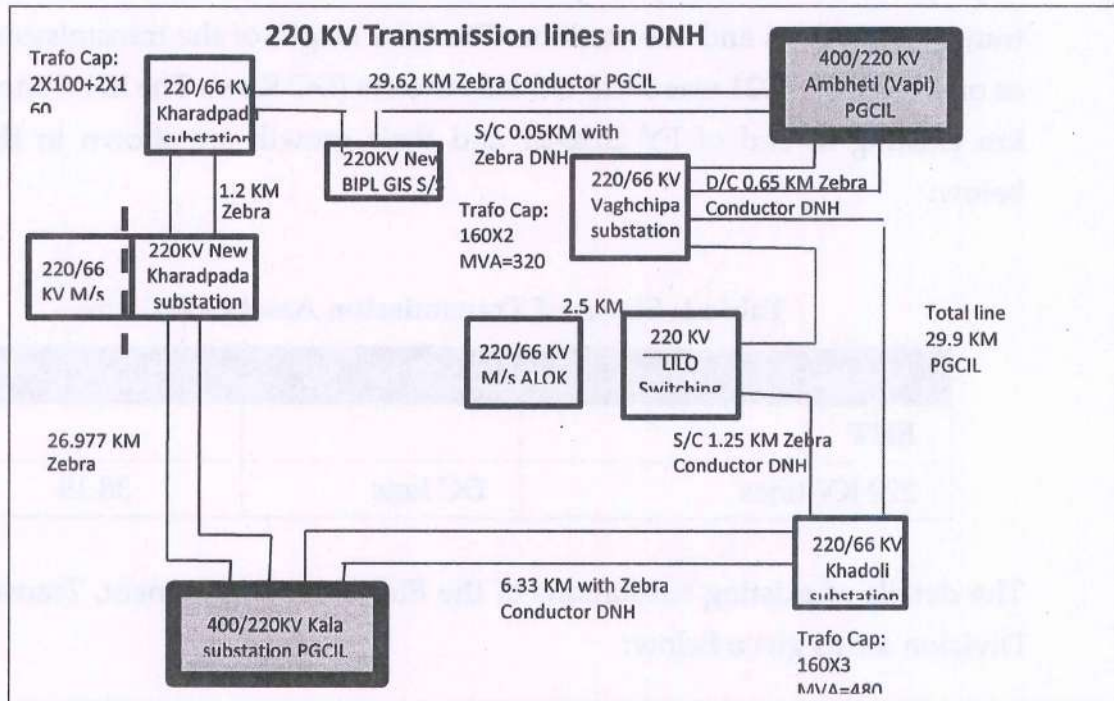
SR. NO.	SUB-STATION	CAPACITY	TOTAL
1	400 KV Ambheti-Vapi Sub-Station (CTU-Power Grid)	3 x 315 MVA	945 MVA
2	400 KV Kala Sub-Station (CTU-Power Grid)	2 x 315 + 1X500 MVA	1130 MVA
3	220 KV Kharadpada Sub-Station	2 x 100 + 2 x 160 MVA	520 MVA
4	220 KV Khadoli Sub-Station	3 x 160 MVA	480 MVA
5	220 / 66 KV Vaghchipa Sub-Station	2X160 MVA	320 MVA
6	220KV Switching Stations at Sayli, New Kharadpada and Bhilosa.	03 Nos	
	<u>TOTAL Capacity (220KV Level)</u>		1320 MVA

Further, the capacity of 220/66 KV Vaghchipa Substation was added to the network during the FY 2019-20 i.e. 2X160 MVA.

The present the transmission system of Electricity Department, Transmission Division consists of 38.18 DC km of 220 kV double circuit (D/C) lines.

At present, the UT of Dadra & Nagar Haveli gets power from 400/220 kV PGCIL Vapi and 400/220 kV Kala substation of PGCIL.

Figure 1: 220kV Transmission Lines in DNH



2.2 Loading Projections Electricity Department, Transmission Division during the FY 2022-23

The objective of this section is to project the availability of power to transmit through Electricity Department, Transmission Division transmission system. Based on the energy availability and transmission through the Electricity Department, Transmission Division system to DNHPDCL, transmission charges are to be arrived at.

2.3 Power & Energy availability from Central Sector Generation

Present and future power availability from Central sector against allocated quota during the FY 2022-23 is given below-

Table 3: CGS - Central Generation Capacity during FY 2022-23

Name of the plant	Weighted average Infirm allocation	Weighted Average Firm allocation	Weighted average total allocation
KSTPP	54.32	0.00	54.32
KSTPS -3	20.48	2.20	22.68
VSTPP-I	38.41	5.00	43.41
VSTPP-II	29.52	4.00	33.52
VSTPP- III	29.52	6.00	35.52
VSTPP- IV	40.97	5.55	46.52
KAWAS	56.23	25.00	81.23
GGPP	56.74	2.00	58.74
Sipat - I	81.12	9.00	90.12
Sipat - II	28.11	4.00	32.11
KHSTPP - II	3.50	0.00	3.50
Mauda I (MSTPS)	0.00	0.00	0.00
VSTPP-V	20.48	5.55	26.03
Mauda II	54.08	8.60	62.68
Solapur	54.08	21.57	75.65
Gadarwara	65.55	20.83	86.38
LARA	64.97	10.46	75.43
Kharagaon	54.08	16.83	70.91
NPCIL - KAPS	14.37	2.00	16.37
NPCIL - TAPP 3&4	35.22	7.00	42.22
Total	801.77	155.59	957.36
NSPCL Bhilai		100	100.00

On the basis of above power availability, projection of energy availability from central sector plants during the MYT Control Period has been worked out and given below:-

Table 4: CGS - Projected Capacity and Energy Availability

S. No.	Particulars	FY 2022-23	FY 2023-24	FY 2024-25
1	Total Capacity in MW	1294.00	1294.00	1294.00
2	Energy Availability in MU	7335.94	7570.94	7815.94

Chapter 3: True up for FY 2020-21

3.1 Principles for True up for FY 2020-21

As per JERC MYT Regulations, 2018, the Hon'ble Commission shall undertake the True Up of licensee for FY 2020-21 based on the comparison of the actual performance of the past year with the approved estimates for such year.

In line with the provisions of JERC Regulations, Electricity Department, Transmission Division is filing for True Up for the year FY 2020-21. Information provided in the True Up for FY 2020-21 is based on the Annual Accounts and principles adopted by the Hon'ble Commission in its previous orders on Interest on Term Loan, Return on Equity, Interest on Working Capital and Depreciation. This actual performance has been compared with the approved parameters as per the order dated 18th May, 2020 and the revised parameters in the Tariff Order dated 23rd March, 2021 for the FY 20-21.

Accordingly, revised Aggregate Revenue Requirement, revenue and gap for FY 2020-21 are given in the following sections of this chapter.

3.2 Operations and Maintenance Expenses

Operations and Maintenance (O&M) Expenses of the company consists of the following elements:

- Employee Expenses
- Repairs and Maintenance Costs
- Administrative and General Expenses

Employee expenses comprise of salaries, dearness allowance, bonus, terminal benefits in the form of pension & gratuity, leave encashment and staff welfare expenses.

Repairs and Maintenance Expenses go towards the day to day maintenance of the distribution network of the Electricity Department, Transmission Division and form an integral part of the company's efforts towards reliable and quality power supply as also in the reduction of losses in the system.

Administration expenses mainly comprise of rents, telephone and other communication expenses, professional charges, conveyance and travelling allowances, other debits.

The Hon'ble Commission had approved the O&M cost at Rs. 8.44 Crore and Rs. 10.40 Crore respectively vide Tariff Order dated 18th May, 2020 and 23rd March, 2021 respectively.

During FY 2020-21, Electricity Department, Transmission Division incurred actual O&M expense of Rs. 5.72 Crore which included Employee cost of Rs. 2.73 Crore, Repair & Maintenance charges of Rs. 1.41 Crore and Administration & General Expenses of Rs. 1.59 Crore as given in the Table below:

Table 5: Operation & Maintenance Expenses for FY 2020-21

Particulars	(Rs. Crore)		
	FY 2020-21 Approved (18th May, 2020)	FY 2020-21 Approved (23rd March, 2021)	FY 2020-21 Actual
Employee Cost	4.92	4.07	2.73
R&M	2.26	3.29	1.41
A&G	1.26	3.04	1.59
O&M Expenses	8.44	10.40	5.72

It can be seen in the table given above that the Department has incurred a less amount on O&M Expenses than the amount approved by the Hon'ble Commission vide its Tariff Order dated 23rd March, 2021.

Therefore, the Electricity Department, Transmission Division requests the Hon'ble Commission to approve the O&M expenses as per above submission.

3.3 Depreciation

The depreciation has been worked out after applying the Depreciation rates as per the CERC (Terms and Conditions for Tariff), 2019.

For computation of depreciation, Electricity Department, Transmission Division has considered the opening balance of the GFA for FY 20-21 and subsequently added the assets capitalized in FY 20-21.

Accordingly, the depreciation so arrived and approved depreciation for FY 20-21 are as shown below:

Table 6: Depreciation

Particulars	(Rs. Crore)		
	FY 2020-21 Approved (18th May, 2020)	FY 2020-21 Approved (23rd March, 2021)	FY 2020-21 Actual
Opening GFA	229.80	296.19	296.18
Addition during the year	67.70	4.37	0.00
Closing GFA	297.50	300.56	296.18
Average GFA	263.65	298.37	296.18
Depreciation during the year	13.60	15.43	15.32

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the actual depreciation for FY 20-21 without any deduction.

3.4 Interest and Finance Charges

For assessing interest on Loans in FY 20-21, Electricity Department, Transmission Division has considered the Opening Balance of Loans for FY 20-21 equal to the closing balance of loan for the 2019-20. The normative loan addition in FY 20-21 has been computed as 70% of the capitalization for FY 20-21 which works out to Rs. 0.00 Crore. No assets were capitalized during the FY 2020-21.

The repayment of loans has been considered equal to the depreciation during the FY 2020-21. Further the rate of interest has been considered as equal to the SBI PLR of 8.75%.

The total Interest & Financial charges for FY 2020-21 computed by Electricity Department, Transmission Division is as shown below:

Table 7: Interest and Finance Charges

Particulars	(Rs. Crore)		
	FY 2020-21 Approved (18th May, 2020)	FY 2020-21 Approved (23rd March, 2021)	FY 2020-21 Actual
Opening Loan	12.47	57.18	57.18
Loan for additional Capex (70:30 debt-equity)	47.39	3.06	0.00
Loan Repayment	13.60	15.43	15.32
Closing Loan	46.26	44.81	41.86
Interest Cost on Avg. Loans	2.60	4.46	4.33

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the interest on loan computed for FY 20-21.

3.5 Interest on Working Capital

The interest on working capital has been calculated based on the normative principles outlined by the Hon'ble Commission in the JERC MYT regulations, 2018. Further, Regulation 34 (C) of the CERC (Terms and Conditions of Tariff) Regulations, 2019 specifies:

"34. Interest on Working Capital: (1) The working capital shall cover:

.....

(c) For Hydro Generating Station (including Pumped Storage Hydro Generating Station) and Transmission System:

- (i) Receivables equivalent to 45 days of annual fixed cost;
- (ii) Maintenance spares @ 15% of operation and maintenance expenses including security expenses; and
- (iii) Operation and maintenance expenses, including security expenses for one month."

Electricity Department, Transmission Division has computed interest on working capital at 9.75% (SBI base rate plus 200 basis points). The interest on working capital for FY 20-21 incurred by Electricity Department, Transmission Division is as shown below:

Table 8: Interest on Working Capital

(Rs. Crore)

Particulars	FY 2020-21 Approved (18th May, 2020)	FY 2020-21 Approved (23rd March, 2021)	FY 2020-21 Actual
Receivables equivalent to two months of fixed cost	3.93	4.82	4.18
Maintenance spares @15% of operation and maintenance expenses	1.27	1.56	0.84
Operation and maintenance expenses for one month	0.70	0.87	0.48
Total Working Capital requirement	5.90	7.25	5.53
Interest on Working Capital	0.62	0.71	0.54

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the interest on working capital computed for FY 20-21.

3.6 Return on Equity

As per the JERC MYT Regulations, 2018, the Petitioner is entitled for a Return on Equity (RoE). However, the Rate of return has not been specified in the Regulations issued by the JERC.

The Regulation 27.1 of the MYT Regulations, 2018 stipulates the following:

"27.1 Return on equity shall be computed on the paid up equity capital determined in accordance with Regulation 26 for the assets put to use for the Transmission Licensee and shall be allowed in accordance with the prevalent CERC Tariff Regulations for transmission system."

Further, the Regulation 30 (2) of the CERC (Terms and Conditions of Tariff) Regulations, 2019, states that:

"(2) Return on equity shall be computed at the base rate of 15.50% for thermal generating station, transmission system including communication system and run-of river hydro generating station, and at the base rate of 16.50% for the storage type hydro generating stations including pumped storage hydro generating stations and run-of river generating station with pondage:

....."

A normative debt-equity ratio of 70:30 is considered on the assets capitalized during the FY 2020-21 as per the JERC Tariff Regulations, 2018. As per the Regulations, "For the purpose of determination of tariff, debt-equity ratio in case of existing, ongoing as well as new projects commencing after the date of notification of these Regulations shall be 70:30."

Hence, a normative equity on the assets created after FY 2013-14 is considered and claimed the RoE of 15.50% for FY 2020-21 in this Petition.

The Return on Equity as submitted is shown in the Table below:

Table 9: Return on Equity

(Rs. Crore)

Particulars	FY 2020-21 Approved (18th May, 2020)	FY 2020-21 Approved (23rd March, 2021)	FY 2020-21 Actual
Opening Equity	33.04	52.95	52.95
Addition in Equity on account of new capitalization (70:30 debt-equity)	20.31	1.31	0.00
Closing equity	53.35	54.26	52.95
Average Equity	43.20	53.61	52.95
Return on Equity	6.70	8.31	8.21

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the return on Equity computed for FY 20-21.

3.7 Aggregate Revenue Requirement for FY 2020-21

Based on above expenses, the Table below summarizes Aggregate Revenue Requirement for FY 20-21 for Electricity Department, Transmission Division:

Table 10: Aggregate Revenue Requirement for FY 2020-21

(Rs. Crore)

Particulars	FY 2020-21 Approved (18th May, 2020)	FY 2020-21 Approved (23rd March, 2021)	FY 2020-21 Actual
O&M Expense	8.44	10.40	5.72
Depreciation	13.60	15.43	15.32

Particulars	FY 2020-21	FY 2020-21	FY 2020-21
	Approved (18th May, 2020)	Approved (23rd March, 2021)	Actual
Interest Cost on Long-term Capital Loans	2.60	4.46	4.33
Interest on Working Capital Loans	0.62	0.71	0.54
Return on Equity	6.70	8.31	8.21
Total	31.96	39.31	34.12
Less:			
Non-Tariff Income	0.11	0.14	0.13
Annual Revenue Requirement	31.85	39.17	33.99
Add: True up of previous years including carrying cost	9.6	0.00	0.00
Net Revenue Requirement	41.45	39.17	33.99

Electricity Department, Transmission Division requests the Hon'ble Commission to kindly approve the ARR submitted hereinabove.

3.8 Revenue for FY 2020-21

During the FY 20-21, Electricity Department, Transmission Division's actual revenue from approved tariff amounted to Rs. 41.25 Crore.

Table 11: Revenue for FY 2020-21

Tariff Determination	(Rs. Crore)		
	FY 2020-21 Approved (18th May, 2020)	FY 2020-21 Approved (23rd March, 2021)	FY 2020-21 Actual
Revenue @ Existing Tariff	41.45	41.45	41.25
Total revenue	41.45	41.45	41.25

3.9 Revenue (Gap)/Surplus for FY 2020-21

Electricity Department, Transmission Division has arrived at the trued-up Aggregate Revenue Requirement for FY 20-21 of Rs. 33.99 Crore.

This revised Aggregate Revenue Requirement is compared against the revised income with existing tariff. Accordingly, total revenue surplus of Electricity

Department, Transmission Division for FY 20-21 is computed at Rs. 7.26 Crore as depicted in the Table below:

Table 12: Revenue (Gap)/Surplus for FY 2020-21

Tariff Determination	(Rs. Crore)		
	FY 2020-21 Approved (18th May, 2020)	FY 2020-21 Approved (23rd March, 2021)	FY 2020-21 Actual
Aggregate revenue requirement (Rs. Crore.)	41.45	39.17	33.99
Total Revenue	41.45	41.45	41.25
Revenue (Gap)/Surplus	-	2.28	7.26
Previous Years' (Gap)/Surplus Carried Over	-	-	(23.85)
Total Revenue (Gap)/Surplus	-	-	(16.59)

Electricity Department, Transmission Division requests the Hon'ble Commission to consider the revenue surplus of Rs. 7.26 Crore for FY 20-21 arrived as part of truing up process.

Chapter 4: Review for FY 2021-22

The review of aggregate revenue requirement for FY 21-22 is based on various cost elements like O&M expenses, interest cost and depreciation etc. This has been done based on actual data for six months and revised estimates for the remaining six months of FY 21-22. Electricity Department, Transmission Division analysis in respect of items given below is discussed in the following paras:

- a. Determination of Aggregate Revenue Requirement (ARR) by forecasting the following costs, other income & returns:
 - i. Employee Cost
 - ii. Repairs & Maintenance Cost
 - iii. Admin & General Cost
 - iv. Capital Investment Plan
 - v. Interest Cost
 - vi. Interest on Working Capital
 - vii. Depreciation
 - viii. Return on Equity
 - ix. Non-Tariff Income

4.1 Operations and Maintenance Expenses

The approved and revised estimated O&M cost for FY 21-22 is shown in the following Table:

Table 13: Operation & Maintenance Expenses for FY 2021-22

Particulars	(Rs. Crore)		
	FY 2021-22 Approved (20th May, 2019)	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 RE
Employee Cost	3.93	4.28	2.89
R&M	3.23	3.34	2.12
A&G	0.49	3.20	1.68
O&M Expenses	7.65	10.82	6.69

Therefore, the Electricity Department, Transmission Division requests the Hon'ble Commission to approve the O&M expenses as per above submission.

4.2 Depreciation

The depreciation has been worked out after applying the Depreciation rates as per the CERC (Terms and Conditions of Tariff), 2019.

For computation of depreciation, Electricity Department, Transmission Division has considered the opening balance of the GFA for FY 21-22 and subsequently added the assets capitalized in FY 21-22.

Accordingly, the depreciation so arrived and approved depreciation for FY 21-22 are as shown below:

Table 14: Depreciation

Particulars	(Rs. Crore)		
	FY 2021-22 Approved (20th May, 2019)	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 RE
Opening GFA	296.60	300.56	296.18
Addition during the year	15.75	3.00	0.00
Closing GFA	312.35	303.56	296.18
Average GFA	304.48	302.06	296.18
Depreciation during the year	15.65	15.63	15.32

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the depreciation for FY 21-22 without any deduction.

4.3 Interest and Finance Charges

For assessing interest on Loans in FY 21-22, Electricity Department, Transmission Division has considered the Opening Balance of Loans for FY 21-22 equal to the closing balance of loan for the FY 2020-21. The normative loan addition in FY 21-22 has been computed as 70% of the capitalization for FY 21-22 which works out to Rs. 0.00 Crore. No capitalization has been estimated for the FY 2021-22.

The repayment of loans has been considered equal to the depreciation during the FY 2021-22. Further the rate of interest has been considered as equal to the SBI PLR plus 100 basis points of 8.00%.

The total Interest & Financial charges for FY 2021-22 computed by Electricity Department, Transmission Division is as shown below:

Table 15: Interest and Finance Charges

Particulars	(Rs. Crore)		
	FY 2021-22 Approved (20th May, 2019)	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 RE
Opening Loan	42.48	44.80	41.86
Loan for additional Capex (70:30 debt-equity)	11.03	2.10	0.00
Loan Repayment	15.65	15.63	15.32
Closing Loan	37.86	31.27	26.54
Interest Cost on Avg. Loans	3.82	3.04	2.74

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the interest on loan computed for FY 21-22.

4.4 Interest on Working Capital

The interest on working capital has been calculated based on the normative principles outlined by the Hon'ble Commission in the JERC MYT Regulations, 2018. Further, Regulation 34 (C) of the CERC (Terms and Conditions of Tariff) Regulations, 2019 specifies:

"34. Interest on Working Capital: (1) The working capital shall cover:

.....

(c) For Hydro Generating Station (including Pumped Storage Hydro Generating Station) and Transmission System:

- (i) Receivables equivalent to 45 days of annual fixed cost;
- (ii) Maintenance spares @ 15% of operation and maintenance expenses including security expenses; and
- (iii) Operation and maintenance expenses, including security expenses for one month."

Electricity Department, Transmission Division has computed interest on working capital at 9.00% (1 year State Bank of India (SBI) MCLR plus 200 basis points). The interest on working capital for FY 21-22 incurred by Electricity Department, Transmission Division against that approved by the Hon'ble Commission is as shown below:

Table 16: Interest on Working Capital for FY 2021-22

Particulars	(Rs. Crore)		
	FY 2021-22 Approved (20th May, 2019)	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 RE
Receivables equivalent to 45 days of fixed cost	6.07	4.75	4.12
Maintenance spares @15% of operation and maintenance expenses	1.15	1.62	1.00
Operation and maintenance expenses for one month	0.64	0.90	0.56
Total Working Capital requirement	7.86	7.27	5.67
Interest on Working Capital	0.80	0.71	0.51

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the interest on working capital computed for FY 21-22.

4.5 Return on Equity

The Regulation 27.1 of the MYT Regulations, 2018 stipulates the following:

"27.1 Return on equity shall be computed on the paid up equity capital determined in accordance with Regulation 26 for the assets put to use for the Transmission Licensee and shall be allowed in accordance with the prevalent CERC Tariff Regulations for transmission system."

Further, the Regulation 30 (2) of the CERC (Terms and Conditions of Tariff) Regulations, 2019, states that:

"(2) Return on equity shall be computed at the base rate of 15.50% for thermal generating station, transmission system including communication system and run-of river hydro generating station, and at the base rate of 16.50% for the storage type hydro generating stations including pumped storage hydro generating stations and run-of river generating station with pondage:

.....”

A normative debt-equity ratio of 70:30 is considered on the assets capitalized during the FY 2020-21 as per the MYT regulations, 2018. As per the Regulations, “For New Projects, the debt-equity ratio as on the Date of Commercial Operation shall be 70:30 of the amount of capital cost approved by the Commission under Regulation 23, after prudence check for determination of tariff:”

Hence, a normative equity on the assets created after FY 2013-14 is considered and claimed the RoE of 15.50% for FY 2021-22 in this Petition.

The Return on Equity as submitted is shown in the Table below:

Table 17: Return on Equity

(Rs. Crore)

Particulars	FY 2021-22 Approved (20th May, 2019)	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 RE
Opening Equity	53.08	54.26	52.95
Addition in Equity on account of new capitalization (70:30 debt-equity)	4.73	0.90	0.00
Closing equity	57.81	55.16	52.95
Average Equity	55.45	54.71	52.95
Return on Equity	8.59	8.48	8.21

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the return on Equity computed for FY 21-22.

4.6 Aggregate Revenue Requirement for FY 2021-22

Based on above expenses, the Table below summarizes Aggregate Revenue Requirement for FY 21-22 for Electricity Department, Transmission Division in comparison with values approved by the Hon'ble Commission in the Tariff Order dated 20th May, 2019 and 23rd March, 2021:

Table 18: Aggregate Revenue Requirement for FY 2021-22

Particulars	(Rs. Crore)		
	FY 2021-22 Approved (20th May, 2019)	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 RE
O&M Expense	7.65	10.82	6.69
Depreciation	15.65	15.63	15.32
Interest Cost on Long-term Capital Loans	3.82	3.04	2.74
Interest on Working Capital Loans	0.80	0.71	0.51
Return on Equity	8.59	8.48	8.21
Total	36.51	38.68	33.47
Less:			
Non-Tariff Income	0.06	0.15	0.13
Annual Revenue Requirement	36.45	38.53	33.33
Add: True up of previous years including carrying cost	9.49	13.19	0.00
Net Revenue Requirement	45.94	51.72	33.33

Electricity Department, Transmission Division requests the Hon'ble Commission to kindly approve the ARR submitted hereinabove.

4.7 Revenue for FY 2021-22

During the FY 21-22, it is estimated that Electricity Department, Transmission Division's revenue from approved tariff will be Rs. 51.73 Crore.

Table 19: Revenue for FY 2021-22

Tariff Determination	(Rs. Crore)		
	FY 2021-22 Approved (20th May, 2019)	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 RE
Revenue @ Existing Tariff	-	51.73	51.73
Total revenue	-	51.73	51.73

4.8 Revenue (Gap)/Surplus for FY 2021-22

As part of the review of FY 2021-22 Electricity Department, Transmission Division has arrived at the Aggregate Revenue Requirement of Rs. 33.33 Crore.

This revised Aggregate Revenue Requirement is compared against the income with existing tariff. Accordingly, total revenue surplus of Electricity Department, Transmission Division for FY 21-22 is computed at Rs. 18.40 Crore as depicted in the Table below:

Table 20: Revenue (Gap)/Surplus for FY 2021-22

Tariff Determination	(Rs. Crore)		
	FY 2021-22 Approved (20th May, 2019)	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 RE
Aggregate revenue requirement (Rs. Crore.)	45.94	51.72	33.33
Total Revenue	0.00	51.73	51.73
Revenue (Gap)/Surplus	(45.94)	0.01	18.40

Electricity Department, Transmission Division requests the Hon'ble Commission to consider the revenue surplus of Rs. 18.40 Crore for FY 21-22 arrived as part of the review process.

Chapter 5: ARR for the MYT Control Period FY 2022-23 to FY 2024-25

Electricity Department, Transmission Division is submitting its ARR for the MYT Control Period FY 2022-23 to FY 2024-25 broadly on the basis of the principles outlined in MYT Tariff Regulations notified by JERC. Electricity Department, Transmission Division has considered the past trends and taken cognizance of other internal and external developments to estimate the likely performance for MYT Control Period FY 2022-23 to FY 2024-25.

The following sections explain in detail the basis and forecasts of the following elements for MYT Control Period:

- a. Determination of Aggregate Revenue Requirement (ARR) by forecasting the following costs, other income & returns:
 - i. Employee Cost
 - ii. Repairs & Maintenance Cost
 - iii. Admin & General Cost
 - iv. Capital Investment Plan
 - v. Interest Cost
 - vi. Interest on Working Capital
 - vii. Depreciation
 - viii. Return on Equity
 - ix. Non-Tariff Income
- b. Tariff proposal for FY 22-23 to meet the Aggregate Revenue Requirement.

5.1 Operation & Maintenance Costs

Operation and Maintenance expenses comprise of the following heads:

- **Employees Expenses** which includes the salaries, dearness allowances, dearness pay, other allowances and retirement benefits paid to the staff;

- **Repair and Maintenance (R&M) Expenses**, which include all expenditure incurred on the maintenance and upkeep of transmission and distribution assets; and
- **Administrative and General Expenses**, which include all expenditure incurred in operating a business such as telephone charges, regulatory and consultancy fees such as energy auditing and chartered accountant fees, conveyance and travel expenses, water charges etc.

The total O&M expense for FY 20-21 was Rs. 5.50 Crores. The methodology adopted by Electricity Department, Transmission Division for projecting the values of each component of the O&M expense for the MYT Control Period FY 2022-23 to FY 2024-25 has been explained in following section.

5.1.1 Employee Expense

The Employee expense estimated by the Petitioner comprise of all costs related to employees like basic salary, dearness allowances, medical cost, leave travel allowances, honorarium, etc. But the Petitioner does not maintain cost related to leave salary contribution and pension of the employee in the employee cost. Therefore, the Petitioner will claim these expenses relating to the employee cost at an appropriate time when the respective cost items become payable.

Electricity Department, Transmission Division has considered the actual six monthly employee expenses for FY 21-22 for forecasting the employee expenses for FY 21-22.

Based on the various expense head related to employee booked during six months of FY 21-22, Electricity Department, Transmission Division has estimated the total employee cost for full year of FY 21-22 as Rs. 2.89 Crores. Salary expenses for the MYT Control Period is estimated based on the average increase in the Consumer Price Index (CPI) for immediately preceding three years. The average CPI for the last three years is 6.00%.

As per the MYT Regulations, 2021, the employees' expenses have been calculated as per the following formulae:

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

where:

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

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

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

The average growth in the CPI for the last three years is 6.00%. Total employee cost of Electricity Department, Transmission Division for the MYT Control Period is as given in the table below:

Table 21: Projected Employee Expense for the MYT Control Period

Particulars	(Rs. Crore)		
	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected
Employee Cost	3.06	3.25	3.44

Electricity Department, Transmission Division would like to pray to the Hon'ble Commission that salaries/employee cost increase should be considered as uncontrollable factor specially factors like DA/Basic hike through Government. Therefore, Electricity Department, Transmission Division requests the Hon'ble Commission to approve the employee costs as projected in the foregoing table by the Petitioner.

5.1.2 Repairs & Maintenance Expense

Repairs and maintenance expense comprise of expenses incurred by the Petitioner with regard to maintenance and upkeep of the transmission and distribution system. Adequate R&M activities help in reduction of transmission and distribution losses and breakdowns in the system.

The actual R&M expense for FY 20-21 for Electricity Department, Transmission Division was Rs. 1.41 Crore. The revised estimate of R&M expense for FY 21-22 has been estimated at Rs. 2.12 Crore.

As per the JERC Tariff Regulations the R&M expenses shall be calculated as percentage (as per the norm defined) of Opening Gross Fixed Assets for the year governed by following formula:

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

where:

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

GFAn-1 - Gross Fixed Asset of the transmission Licensee for the n-1th Year;

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

GFA : Gross Fixed Assets at the beginning of the Financial Year

Inflation Index is CPI : WPI :: 60 : 40

WPI_{inflation} - is the average increase in the Wholesale Price Index (CPI) for immediately preceding three (3) Years before the base Year;

For projecting the R&M expense for the MYT Control Period, the Electricity Department, Transmission Division has considered the WPI inflation as 2.42%. Total repair & maintenance cost of Electricity Department, Transmission Division for the MYT Control period is summarized in the table below:

Table 22: Projected Repairs & Maintenance Expense for the MYT Control Period

Particulars	(Rs. Crore)		
	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected
R&M Cost	2.12	2.16	2.25

Electricity Department, Transmission Division requests the Commission to approve the R&M expense without any disallowances as the same is necessary for proper maintenance and strengthening of the system and quality of supply in the region in order to ensure consumer satisfaction.

5.1.3 Administration & General Expense

Administrative and General (A&G) expense comprise of various sub-heads including the following:

- Telephone, postage & telegrams charges;
- Travel and conveyance expenses;
- Consultancy and regulatory fees; and
- Consumer indexing fee

The actual A&G expense for FY 20-21 was Rs. 1.59 Crore. Further, Electricity Department, Transmission Division has estimated the A&G expense of Rs. 1.68 Crore for FY 21-22.

For projecting the A&G expenses for the MYT Control Period the following formula has been used as given in the MYT Regulations:

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

where:

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

CPI_{inflation} - is the average increase in Consumer Price Index (CPI) for immediately preceding three (3) Years before the base Year;

The A&G cost for the MYT Control Period is summarized in the Table below:

Table 23: Projected A&G Expenses for the MYT Control Period

Particulars	(Rs. Crore)		
	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected
A&G Expenditure	1.78	1.89	2.00

Electricity Department, Transmission Division, therefore, requests the Hon'ble Commission to approve the A&G expenses projected for the MYT Control Period.

5.1.4 Total Operation and Maintenance Expense

Based on the employee, R&M and A&G expenses projected above, the total O&M expenditure for the MYT Control Period is summarized in table below. The Hon'ble Commission is requested to approve the total O&M expense as projected by Electricity Department, Transmission Division.

Table 24: Total O&M Expense for the MYT Control Period

Particulars	(Rs. Crore)		
	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected
Employee Cost	3.06	3.25	3.44
R&M Cost	2.12	2.16	2.25
A&G Expenditure	1.78	1.89	2.00
Total O&M Exp	6.97	7.30	7.70

5.2 Capital Expenditure Plan

ED-DNH has undertaken the capital expenditure for the following purpose:

- I. Laying of new transmission lines
- II. Strengthening of the existing transmission network to cope up with the growing demand and connectivity to the new areas under development.

Further, considering the increasing demand from EHV, HT & LT consumers, Electricity Department, Transmission Division would be required to undertake significant capital expenditure for system augmentation and strengthening. System augmentation would not only help Electricity Department, Transmission Division in handling increased load but would also ensure better quality of supply and network reliability to the consumers.

Electricity Department, Transmission Division each year drafts an Annual Plan for the capital investment for new schemes and continuing schemes which it plans to incur in the ensuing year. The scheme wise capital expenditure plan for the MYT Control Period given in the table below:

Table 25: Capital Expenditure for the MYT Control Period

(Rs. Crore)

Sr.No.	Name of Scheme	Total Estimated amount	Proposed Expenditure		
			2022-23	2023-24	2024-25
1	Augmentation of 220/66KV Vaghchipa sub-station from 2x160MV A to 3x160MVA associate with 220KV bay and 66KV Bus.	12.00	6.00	6.00	0.00
2	Up gradation and Modernization of existing 220 kV Switching Sub-Station New Kharadpada and 220/66 KV Kharadpada Sub-station by providing SCADA system	6.00	6.00	0.00	0.00
3	Providing OPGW on Double Circuit 220KV line emanation from 400KV PGCIL- Kala s / s to 220KV Khadoli s/s and 400KV Kala- S/s to 220KV Kharadpada S/s to receive online data at SLDC, Silvassa.	10.00	2.50	2.50	5.00
Total		28.00	14.50	8.50	5.00

The Electricity Department, Transmission Division requests the Hon'ble Commission to approve the capital expenditure against the scheme as submitted herewith.

A summary of the capital expenditure and capitalization for the MYT Control Period is summarized in Table below:

Table 26: Capital Expenditure & Capitalization for the MYT Control Period

(Rs. Crore)

Sr. No.	Particulars	Proposed Capital Expenditure and Capitalization		
		2022-23	2023-24	2024-25
1	Capital Expenditure	14.50	8.50	5.00
2	Capitalization	6.00	12.00	10.00

The Electricity Department, Transmission Division requests the Hon'ble Commission to approve the capital expenditure and capitalization as projected above.

5.3 Gross Fixed Assets

The Opening Gross Fixed Assets (GFA) for FY 20-21 was Rs. 296.18 Crore and the asset addition during the FY 2020-21 was Rs. 0.00 Crore. Thus, the closing GFA of FY 2020-21 was Rs. 296.18 Crore.

Assets amounting to Rs. 0.00 Crore have been estimated to be added in the GFA during FY 21-22.

Similarly, based on the capital expenditure plan as detailed above, Rs. 6.00 Crore, Rs. 12.00 Crore and Rs. 10.00 Crore is proposed to be capitalized during the FY 2022-23, FY 2023-24 and FY 2024-25 respectively.

A summary of the Opening and Closing GFA and capitalization has been summarized in table below:

Table 27: Opening and Closing GFA proposed during the MYT Control Period

Particulars	(Rs. Crore)		
	Opening GFA	Additions during the Year	Closing GFA
FY 2021-22 (RE)	296.18	0.00	296.18
FY 2022-23 (Projected)	296.18	6.00	302.18
FY 2023-24 (Projected)	302.18	12.00	314.18
FY 2024-25 (Projected)	314.18	10.00	324.18

5.4 Depreciation

Depreciation is charged on the basis of straight-line method, on the Gross Fixed Assets in use at the beginning of the year and addition in assets during the financial year. The depreciation is based on the original cost of the Gross Fixed Assets.

Depreciation for the for the MYT Control Period is determined by applying category-wise assets depreciation rates notified in the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 on the opening balance of Gross Fixed assets and average of the addition during each year of the MYT Control Period. The Table below summarizes the asset-

wise depreciation considered computed by Electricity Department, Transmission Division:

Table 28: Depreciation

Particulars	(Rs. Crore)		
	FY 2022-23 Projected	FY 2023-24 Projected	FY 2024-25 Projected
Opening GFA	296.18	302.18	314.18
Addition during the year	6.00	12.00	10.00
Closing GFA	302.18	314.18	324.18
Average GFA	299.18	308.18	319.18
Depreciation during the year	15.48	15.95	16.53

Therefore, Electricity Department, Transmission Division requests the Hon'ble Commission to approve the depreciation as projected above.

5.5 Interest & Financial Costs

5.5.1 Interest on Long-term / Capital Loans

Assets capitalized during the MYT Control Period have been considered based on normative debt-equity ratio of 70:30 as per the MYT regulations, 2021.

Interest rate of 8.00% has been considered for computation of interest cost for long-term loans which is similar to the prevailing 1 year SBI MCLR plus 100 basis points. Details of the loan amounts and interest cost computed for the MYT Control Period is summarized in Table below:

Table 29: Total Interest on Long-term Loans

Particulars	(Rs. Crore)		
	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected
Opening Loan	26.54	15.26	7.71
Loan for additional Capex (70:30 debt-equity)	4.20	8.40	7.00
Loan Repayment (10% of Opening Balance)	15.48	15.95	16.53
Closing Loan	15.26	7.71	-1.82
Interest Cost on Avg. Loans	1.67	0.92	0.24

Therefore, Electricity Department, Transmission Division requests the Hon'ble Commission to approve the interest cost on long-term loans as projected above.

5.5.2 Interest on Working Capital Borrowings

Electricity Department, Transmission Division has computed the Interest on Working Capital for the MYT Control Period based on normative basis as per the MYT Regulations, 2021. Clause no. 43.1 of the MYT regulations states the following:

“The Transmission Licensee shall be allowed interest on the estimated level of working capital for the Financial Year computed in accordance with prevalent CERC Tariff Regulations.”

Further, Regulation 34 (C) of the CERC (Terms and Conditions of Tariff) Regulations, 2019 specifies:

(c) For Hydro Generating Station (including Pumped Storage Hydro Generating Station) and Transmission System:

- i. Receivables equivalent to 45 days of annual fixed cost;
- ii. Maintenance spares @ 15% of operation and maintenance expenses including security expenses
- iii. Operation and maintenance expenses, including security expenses for one month

A rate of interest of 9.00% has been considered for the MYT Control Period on the working capital requirement, being the 1 year State Bank of India (SBI) MCLR plus 200 basis points.

The normative interest on working capital for the MYT Control Period considering the above methodology is summarized in the Table below:

Table 30: Interest on Working Capital for the MYT Control Period

Particulars	(Rs. Crore)		
	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected
Receivables equivalent to 45 days of fixed cost	4.05	4.11	4.21
Maintenance spares @15% of operation and maintenance expenses	1.05	1.10	1.15
Operation and maintenance expenses for one month	0.58	0.61	0.64
Total Working Capital requirement	5.67	5.81	6.01

Particulars	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected
Interest on Working Capital	0.51	0.52	0.54

Therefore, Electricity Department, Transmission Division requests the Hon'ble Commission to approve the interest cost on working capital as projected above.

5.6 Return on Equity

The Regulation 28.1 of the MYT Regulations, 2021 stipulates the following:

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

Further, the Regulation 30 (2) of the CERC (Terms and Conditions of Tariff) Regulations, 2019, states that:

"(2) Return on equity shall be computed at the base rate of 15.50% for thermal generating station, transmission system including communication system and run-of river hydro generating station, and at the base rate of 16.50% for the storage type hydro generating stations including pumped storage hydro generating stations and run-of river generating station with pondage:

....." (Emphasis supplied)

Assets capitalized during the FY 2021-22 have been considered based on normative debt-equity ratio of 70:30 as per the MYT Regulations, 2021.

Hence, the Electricity Department, Transmission Division has considered normative equity on the assets created after FY 2013-14. Electricity Department, Transmission Division has claimed RoE of 15.50% for the MYT Control Period in this Petition.

The details of the same have been given in the Table below:

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Table 31: Return on Equity for the MYT Control Period

Particulars	(Rs. Crore)		
	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected
Opening Equity	52.95	54.75	58.35
Addition in Equity on account of new capitalization (70:30 debt-equity)	1.80	3.60	3.00
Closing Equity	54.75	58.35	61.35
Return on Equity	8.35	8.77	9.28

Therefore, Electricity Department, Transmission Division requests the Hon'ble Commission to approve the Return on Equity as projected above.

5.7 Non-Tariff & Other Income

The Electricity Department, Transmission Division is doing the O&M work of the 220 kV bays of PGCIL. The revenue earned by the Electricity Department, Transmission Division for doing the O&M work has been included in the non-tariff income.

For estimating the non-tariff income for FY 21-22, the actual non-tariff income during the first six months has been considered and the non-tariff income for the remaining six months has been estimated based on the actual non-tariff income for the first six months. An increase of 5% p.a. has been considered over the estimated non-tariff income of FY 21-22 (revised estimate) to project the non-tariff income for the MYT Control Period.

Details of the year wise non-tariff income is provided in the Table below:

Table 32: Non-tariff Income for the MYT Control Period

Particulars	(Rs. Crore)		
	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected
Non-Tariff Income	0.13	0.13	0.13

Therefore, Electricity Department, Transmission Division requests the Hon'ble Commission to approve the Non Tariff Income as projected above.

5.8 Aggregate Revenue Requirement

The following Table summarizes Electricity Department, Transmission Division's Aggregate Revenue Requirement for the MYT Control Period.

Table 33: Aggregate Revenue Requirement for the MYT Control Period

Particulars	(Rs. Crore)		
	FY 22-23 Projected	FY 23-24 Projected	FY 24-25 Projected
O&M Expense	6.97	7.30	7.70
Depreciation	15.48	15.95	16.53
Interest Cost on Long-term Capital Loans	1.67	0.92	0.24
Interest on Working Capital Loans	0.51	0.52	0.54
Return on Equity	8.35	8.77	9.28
Less:			
Non-Tariff Income	0.13	0.13	0.13
Annual Revenue Requirement	32.84	33.33	34.15

5.9 Coverage of Revenue Gap

Table 35 summarizes the ARR for Transmission Division, Electricity Department for FY 2021-22 and FY 2022-23 along with the revenue and the resulting revenue (gap)/surplus. The cumulative gap for the three years is Rs. 33.57 Crore as given in the table below.

Table 34: Revenue Gap for the MYT Control Period

Sr. No.	Particulars	(Rs. Crore)		
		2020-21 Actual	2021-22 Revised Estimates	2022-23 Projected
1	Total ARR	33.99	33.33	32.84
2	Revenue @ Existing Tariff	41.25	51.73	0.00
3	Total Revenue	41.25	51.73	0.00
4	Revenue (Gap)/Surplus(3-1)	7.26	18.40	(32.84)
	Covered By			

Sr. No.	Particulars	2020-21 Actual	2021-22 Revised Estimates	2022-23 Projected
5	Previous Years' (Gap)/Surplus Carried Over	(23.85)	(18.36)	(0.73)
6	Total (Gap)/Surplus (4+5)	(16.59)	0.04	(33.57)
7	Carrying Cost	(1.77)	(0.76)	0.00
8	Total (Gap)/Surplus (4+5)	(18.36)	(0.73)	(33.57)

Aggregate Revenue Requirement (ARR) is the amount required by Electricity Department, Transmission Division to discharge its functions efficiently. It also allows the utility to earn a reasonable amount of return. It consists of a number of cost elements as elaborated in the table below. The justification for each of these expenses has duly been elaborated in the relevant chapters of this report.

Electricity Department, Transmission Division proposes to meet with the revenue requirements through the following modes of recoveries;

- Appropriate transmission cost to be recovered through Transmission Charges from Long Term Open Access consumers in terms of charges per unit or monthly fixed charges.
- Usage based charges for short term open access consumers.

Chapter 6: Tariff Determination

Electricity Department, Transmission Division considers power tariff as a sensitive subject having substantial impact on social, economic and financial well-being of the State as well as the viability and growth of power sector. The transmission tariff has been determined based upon the energy transmitted through the system, aggregate revenue requirement.

6.1 Determination of the transmission capacity of the system

The transmission system capacity is the contracted capacity made available to the beneficiary during the given period. The present capacity of Kharadpada substation is 509.60 MW and the present capacity of Khadoli substation is 470.40 MW. Further, the capacity of 220/66 KV Vagchhipa Substation has been added to the network during the FY 2019-20 i.e. 2X160 MVA. The contracted transmission capacity of the system is as under:

Table 35: Transmission Capacity of the Transmission system

Tariff Determination	FY 21-22	FY 22-23
Transmission Capacity (MW)	1294	1294

6.2 Tariff Determination

Based upon the projected capacity of the transmission capacity, the tariff is determined as follows:

Table 36: Determination of Transmission Tariff

Tariff Determination	FY 22-23
Aggregate revenue requirement (Rs. Crore)	33.57
Transmission Capacity (MW)	1294
Energy Required at periphery	7335.94
Long/Medium Term Transmission charges (Rs./MW/Month)	21624.48

Tariff Determination	FY 22-23
Short Term Open Access Transmission charges (Rs./MW/Day)	720.82

The tariff in terms of Rs. per unit has been computed by considering the energy estimated to be received by the DNHPDCL during the FY 2022-23 from various generating stations. The computation of the same has been given in the table below:

Table 37: Determination of Transmission Tariff (Rs./unit)

Tariff Determination	FY 22-23
Aggregate revenue requirement (Rs. Crore.)	33.57
Energy required at periphery (MUs)	7335.94
Transmission charges (Rs./unit)	0.05

Chapter 7: Directives

The Hon'ble Commission vide Tariff Order dated 23rd March, 2021 had issued a set of directives to be followed by Electricity Department, Transmission Division to comply with the Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2018.

In line with the directives, Electricity Department, Transmission Division has been taken several steps to comply with the directives. The purpose of this section is to appraise the Hon'ble Commission on progress made by Electricity Department, Transmission Division on this matter since the issuance of the aforesaid Tariff Order.

Directive 1: Functioning of SLDC.

The Commission has noted that Petitioner has transferred functioning of SLDC to Electricity Department, Transmission Division vide order no. DNHPDCL/11/2012/565. dated 05.03.2019. However, the Petitioner has not yet complied to two specific directives which are as follows:

- To segregate the accounts of SLDC business and transmission business.
- To file separate ARR Petitions for SLDC and transmission business compulsorily from FY 2019-20 onwards.

Hence, the Commission reiterates its directions with the following points:

- To segregate the accounts of SLDC business and transmission business.
- To file separate ARR Petitions for SLDC and transmission business compulsorily from FY 2021-22 onwards.

Petitioner's Submission:

The ED-DNH submits that the Department is in the process of segregating the accounts of SLDC.

Commission's direction:

Relip.

The Commission has noted that Petitioner is still in the process of segregating the accounts of SLDC. Hence, the Commission reiterates its directions to segregate the accounts of SLDC business and transmission business.

Petitioner's Submission:

The ED-DNH would like to submit that presently the UT of Dadra and Nagar Haveli and UT of Daman and Diu have merged into a single UT. The Competent Authority is yet to decide the location of the SLDC and other related matters in the merged UT. Hence, the process of segregation of accounts and other matters shall be initiated once decision regarding the SLDC is taken by the Competent Authority.

Prayer

1. ED-DNH requests the Honorable Commission to:

- Admit and approve the Aggregate Revenue Requirement for the MYT Control Period FY 2022-23 to FY 2024-25 and revised estimates for the FY 2021-22 as submitted herewith.
- Admit and approve the True up for the FY 2020-21 as submitted herewith.
- Approve the tariff proposal for the FY 2022-23 and make the proposed Transmission Tariffs applicable from April 1, 2022.
- Condone any inadvertent omissions/ errors/ shortcomings and permit the Petitioner to add/ change/ modify/ alter this filing and make further submissions as may be required at a future date.
- Submit necessary additional information required by the Commission during the processing of this petition.
- And pass such other and further orders as are deemed fit and proper in the facts and circumstances of the case.

BY THE APPLICANT THROUGH

Relip 30th 2021.
PETITIONER
 Electricity Department, Transmission Division
 Dadra and Nagar Haveli
 UT of Dadra and Nagar Haveli and Daman and Diu

Silvassa

Dated: *30. Nov. 2021.*

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FORMATS

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Capital Base and Return

(all figures in Crore)

Sr.No.	Category of Consumer	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	Gross block at beginning of the year	296.18	296.18	296.18	302.18	314.18
2	Less accumulated depreciation	126.67	141.98	157.46	173.41	189.94
3	Net block at beginning of the year	169.51	154.19	138.72	128.76	124.23
4	Less accumulated consumer contribution	0.00	0.00	0.00	0.00	0.00
5	Net fixed assets at beginning of the year	169.51	154.19	138.72	128.76	124.23
6	Reasonable return @3% of NFA	5.09	4.63	4.16	3.86	3.73

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Original Cost of Fixed Assets

Format-7

Sr.No.	Particulars Name of the Assets	Value of assets at the beginning of previous year	Addition during the FY2020-21	Closing balance at the end of FY 2020-21	Addition during the FY2021-22	Closing balance at the end of FY 2021-22	Addition during FY 2022-23	Closing balance at the end of FY 2022-23	Addition during FY 2023-24	Closing balance at the end of FY 2023-24	Addition during FY 2024-25	(Rs. Crores)	
												Closing balance at the end of FY 2024-25	Closing balance at the end of FY 2024-25
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Plant & Machinery	288.39	0.00	288.39	0.00	288.39	6.00	294.39	12.00	306.39	10.00	316.39	
2	Buildings	2.42	0.00	2.42	0.00	2.42	0.00	2.42	0.00	2.42	0.00	2.42	
3	Vehicles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Furniture & Fixtures	0.16	0.00	0.16	0.00	0.16	0.00	0.16	0.00	0.16	0.00	0.16	
5	Computers & Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	Land	5.21	0.00	5.21	0.00	5.21	0.00	5.21	0.00	5.21	0.00	5.21	
7	Total	296.18	0.00	296.18	0.00	296.18	6.00	302.18	12.00	314.18	10.00	324.18	

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Works-in-Progress

Format-8

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	Opening balance	0.00	0.00	0.00	0.00	0.00
2	Add: New investments	0.00	0.00	6.00	12.00	10.00
3	Total	0.00	0.00	6.00	12.00	10.00
4	Less investment capitalized	0.00	0.00	6.00	12.00	10.00
5	Closing balance	0.00	0.00	0.00	0.00	0.00

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Interest Capitalized

Format-9

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	WIP*					
2	GFA* at the end of the year					
3	WIP+GFA at the end of the year					
4	Interest(excluding interest on WCL*)					
5	Interest Capitalized					

NA

July

Format -10

Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Details of loans for the year

(Rs. Crore)

Sr.No.	Particulars (Source)	Opening Balance	Rate of Interest	Addition during the year	Repayment during the year	Closing Balance	Amount of interest paid	
							Current year	Ensuing year
1	SLR Bonds							
2	Non SLR Bonds							
3	LIC							
4	REC							
5	Commercial Banks							
6	Bills discounting							
7	Lease rental							
8	PFC							
9	GPF							
10	CSS							
11	Working capital loan							
12	Others							
13	Total							
	Add Govt. loan							
	-State Govt.							
	-Central Govt.							
14	Total							
15	Total (13+14)							
16	Less capitalization							
17	Net interest							
18	Add prior period							
19	Total interest							
20	Finance charges							
21	Total interest and finance charges							

N/A

Page-53

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Value of Assets and Depreciation Charges

(Rs. Crore)

Sr.No.	Particulars Name of the Assets	Rate of depreciation ^a	Previous Year		Current Year		Ensuing Year		Ensuing Year		Ensuing Year	
			Assets value at the beginning of FY2020-21	Depreciation charges	Assets value at the beginning of FY2021-22	Depreciation charges	Assets value at the beginning of FY2022-23	Depreciation charges	Assets value at the beginning of FY2023-24	Depreciation charges	Assets value at the beginning of FY2024-25	Depreciation charges
1	Plant & Machinery	5.26%	288.39	15.23	288.39	15.23	288.39	15.39	294.39	15.66	306.39	16.44
2	Buildings	3.34%	2.42	0.08	2.42	0.08	2.42	0.08	2.42	0.08	2.42	0.08
3	Vehicles	9.50%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Furniture & Fixtures	6.33%	0.16	0.01	0.16	0.01	0.16	0.01	0.16	0.01	0.16	0.01
5	Computers & Others	6.33%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Land	0.00%	5.21	0.00	5.21	0.00	5.21	0.00	5.21	0.00	5.21	0.00
7	Total		296.18	15.32	296.18	15.32	296.18	15.48	302.18	15.95	314.18	16.53

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Calculation of Advance Against Depreciation

Format-13

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	1/10th of the Loan(s)					
2	Repayment of the Loan(s) as considered for working out Interest on Loan		NA			
3	Minimum of the Above					
4	Less: Depreciation during the year					
	A					
5	Cumulative Repayment of the Loan(s) as considered for working out Interest on Loan					
6	Less: Cumulative Depreciation					
	B					
7	Advance Against Depreciation (minimum of A or B)					

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Electricity Department of Dadra & Nagar Havell
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Repair and Maintenance Expenses

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	Plant & machinery					
	- Plant & Apparatus					
	- EHV substations					
	- 33kV substation					
	- 11kV substation					
	- Switchgear and cable connections					
	- Others					
	Total					
2	Building					
3	Hydraulic works & civil works					
4	Line cable & network					
	- EHV Lines					
	- 33kV lines					
	- 11kV lines					
	- LT Lines					
	- Meters and metering equipment					
	- Others					
	Total					
5	Vehicles					
6	Furniture & fixtures					
7	Office equipments					
8	Operating expenses					
9	Total					
10	Add/Deduct share of others (To be specified)					
11	Total expenses					
12	Less capitalized					
13	Net expenses					
14	Add prior period *					
15	Total expenses charged to revenue as R&M expenses	1.41	2.12	2.12	2.16	2.25

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Total Number of Employees

Format -15

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	Number of employees as on 1st April	29	29	29	29	29
2	Employees on deputation/ foreign service as on 1st April	0	0	0	0	0
3	Total number of employees (1+2)	29	29	29	29	29
4	Number of employees retired/retiring during the year	0	0	0	0	0
5	Number of employees added	0	0	0	0	0
6	Number of employees at the end of the year (4-5)	29	29	29	29	29

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5911/2021/Diary Section

Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Employee Cost

Format -16

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	Basic Pay	1.41	1.49	1.58	1.68	1.78
2	Bonus	0.02	0.02	0.02	0.02	0.02
3	Children Education Allowances	0.02	0.02	0.02	0.02	0.03
4	Dearness Allowances	0.86	0.91	0.96	1.02	1.08
5	Grade Pay	0.24	0.26	0.27	0.29	0.31
6	HELPER ALLOWANCE	0.00	0.00	0.00	0.00	0.00
7	House Rent Allowances	0.05	0.05	0.06	0.06	0.07
8	Leave Encashment	0.03	0.03	0.03	0.03	0.03
9	Medical Expenses	0.00	0.00	0.00	0.00	0.00
10	Retirement Benefits	0.01	0.02	0.02	0.02	0.02
11	Transport Allowance	0.08	0.08	0.09	0.09	0.10
12	Travelling Exp (Employees)	0.01	0.01	0.01	0.01	0.01
13	Tuition Fees	0.00	0.00	0.00	0.00	0.00
14	Washing Allowances	0.00	0.00	0.00	0.00	0.00
15	Total	2.73	2.89	3.06	3.25	3.44

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Administration and General Expenses

Format -17

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	Digital Signature Expenses	0.00	0.00	0.00	0.00	0.00
2	License Fees	0.00	0.00	0.00	0.00	0.00
3	Repairs & Maintenance	1.41	0.79	0.84	0.89	0.94
4	Advertisement Exp	0.01	0.01	0.01	0.01	0.01
5	Office Exp	0.00	0.00	0.00	0.00	0.00
6	Stationery & Printing Exp	0.00	0.00	0.00	0.00	0.00
7	Lawyer Charges	0.00	0.00	0.00	0.00	0.00
8	Consultancy Fees	0.00	0.00	0.00	0.00	0.00
9	Hire Charges	0.00	0.00	0.00	0.00	0.00
10	ARR Petition Charges	0.06	0.03	0.04	0.04	0.04
11	AMC SLDC	0.20	0.11	0.12	0.13	0.13
12	Internet charges	0.52	0.29	0.31	0.33	0.35
13	SLDC charges	0.00	0.00	0.00	0.00	0.00
14	Grand Total	3.00	1.66	1.78	1.89	2.00

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Information regarding Bad and Doubtful Debts

Sr.No.	Particulars	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
	2	3	4	5	6	7
1	Provision made for debts in ARR	0.00	0.00	0.00	0.00	0.00

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Information regarding Working Capital for the current and ensuing year

Format -19

Sr.No.	Particulars	Amount (in Crores Rs.)				
		Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	Receivables equivalent to two months of fixed cost	4.19	4.11	4.05	4.11	4.21
2	Maintenance spares @15% of operation and maintenance expenses	0.86	1.00	1.05	1.10	1.15
3	Operation and maintenance expenses for one month	0.48	0.56	0.58	0.61	0.64
4	Total working Capital requirement	5.53	5.67	5.67	5.81	6.01

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Information regarding Foreign Exchange Rate Variation (FERV)

Format -20

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	Amount of liability provided					
2	Amount recovered			N/A		
3	Amount adjusted					

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Non Tariff Income

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	House Rent Recovery	0.00	0.00	0.00	0.00	0.00
2	Interest Income	0.00	0.00	0.00	0.00	0.00
3	Discount received	0.00	0.00	0.00	0.00	0.00
4	Tender Fees	0.00	0.00	0.00	0.00	0.00
5	O&M of PGCIL assets	0.13	0.13	0.13	0.13	0.13
6	Total non tariff income	0.13	0.13	0.13	0.13	0.13

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Information regarding Revenue from Other Business

Format -22

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2020-21 (Actual)	Current Year FY 2021-22 (RE)	Ensuing Year FY 2022-23 (Projections)	Ensuing Year FY 2023-24 (Projections)	Ensuing Year FY 2024-25 (Projections)
1	2	3	4	5	6	7
1	Total revenue from other business					
2	Income from other business to be considered for licensed business as per regulations			Not Applicable		

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Format -23

Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Lease Details

Sr.No.	Name of Lesser	Gross Assets (Rs.in crores)	Lease entered on	Lease Rentals	Primary period ended/ ending by	Secondary period ending by
1	2	3	4	5	6	7
Not Applicable						

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Format -25

Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Information regarding amount of equity and loan

(Rs. in crores)

Sr.No.	Period	Amount of equity (Rs. In crore)	Amount of loan (Rs. in crore)	Ratio of equity & loan
1	2	3	4	5
1	As on March 31 of FY 2021 (Actual)	52.95	41.86	1.26
2	As on March 31 of FY 2022 (RE)	52.95	26.54	2.00
3	As on March 31 of FY 2023 (Projected)	54.75	15.26	3.59
4	As on March 31 of FY 2024 (Projected)	58.35	7.71	7.57
5	As on March 31 of FY 2025 (Projected)	61.35	-1.82	0.00

July

Format -26

Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25
Cash flow statement for the ensuing year (projections)

(Rs. in crores)

Sr.No.	Month	Sources of receipt	Amount	Particulars of payment	Amount
1	2	3	4	5	6
1	Apr				
2	May				
3	Jun				
4	Jul				
5	Aug				
6	Sep				
7	Oct				
8	Nov				
9	Dec				
10	Jan				
11	Feb				
12	Mar				
13	Total				

NA

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Format 27

Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25

(Rs. in crores)
FY 2020-21

Sr.No.	Particular	Proposed by the Licensee	Revised by the Licensee	Approved by the Commission	Actuals as per Accounts
1	2	3	4	5	6
1	Cost of fuel	0.00	0.00	0.00	0.00
2	Cost of power purchase	0.00	0.00	0.00	0.00
3	Employee costs	4.92	4.07	4.07	2.73
4	R&M expenses	2.05	2.59	3.29	1.41
5	Administration and General expenses	1.94	2.18	3.04	1.59
6	Depreciation	13.84	15.43	15.43	15.32
7	Interest charges	3.10	4.31	4.46	4.33
8	Interest on Working Capital Loans	0.81	0.81	0.71	0.54
9	Return on NFA / Equity	6.91	8.31	8.31	8.21
10	Total revenue requirement	33.57	37.70	39.31	34.12
11	Less: non tariff income	0.03	0.07	0.14	0.13
12	Net revenue requirement (10-11)	33.54	37.63	39.17	33.99

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Format 27

Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25

(Rs. in crores)
 FY 2021-22

Sr.No.	Particular	Proposed by the Licensee	Approved by the Commission	Revised by the Licensee
1	2	3	4	5
1	Cost of fuel	0.00	0.00	0.00
2	Cost of power purchase	0.00	0.00	0.00
3	Employee costs	4.28	4.28	2.89
4	R&M expenses	2.62	3.34	2.12
5	Administration and General expenses	2.30	3.20	1.68
6	Depreciation	15.63	15.63	15.32
7	Interest charges	3.17	3.04	2.74
8	Interest on Working Capital Loans	0.81	0.71	0.51
9	Return on NFA / Equity	8.48	8.48	8.21
10	Total revenue requirement	37.29	38.68	33.47
11	Less: non tariff income	0.07	0.15	0.13
12	Net revenue requirement (10-11)	37.22	38.53	33.33

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Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25

(Rs. in crores)
FY 2021-22

Sr.No.	Particular	Proposed by the Licensee
1	2	3
1	Cost of fuel	0.00
2	Cost of power purchase	0.00
3	Employee costs	3.06
4	R&M expenses	2.12
5	Administration and General expenses	1.78
6	Depreciation	15.48
7	Interest charges	1.67
8	Interest on Working Capital Loans	0.51
9	Return on NFA / Equity	8.35
10	Total revenue requirement	32.97
11	Less: non tariff income	0.13
12	Net revenue requirement (10-11)	32.84

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Format 27

Electricity Department of Dadra & Nagar Haveli
ANNUAL REVENUE REQUIREMENT FOR THE MYT CONTROL PERIOD FY 2022-23 TO FY 2024-25

(Rs. in crores)
FY 2021-22

Sr.No.	Particular	Proposed by the Licensee
1	2	3
1	Cost of fuel	0.00
2	Cost of power purchase	0.00
3	Employee costs	3.06
4	R&M expenses	2.12
5	Administration and General expenses	1.78
6	Depreciation	15.48
7	Interest charges	1.67
8	Interest on Working Capital Loans	0.51
9	Return on NFA / Equity	8.35
10	Total revenue requirement	32.97
11	Less: non tariff income	0.13
12	Net revenue requirement (10-11)	32.84

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**JMPG &
ASSOCIATES**

Chartered Accountants



**BALANCE SHEET
OF
DNH ELECTRICITY – TRANSMISSION DEPT.
DADRA NAGAR & HAVELI
FOR THE PERIOD
2020-2021**

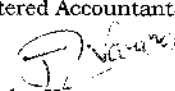
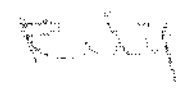
CA POONAM P. GHORELA

M.Com, FCA

+91 9638943223

cavarma.poonam@gmail.com

Office No 21, Anand Apartment, Near Hotel Papillon, Vapi – 396195.


Electricity Department (Transmission Division)				
4th Floor, VIDYUT BHAWAN,				
Near SECRETERIAT,				
SILVASSA - Dadra & Nagar Haveli				
Balance Sheet as at 31-Mar-2021				
	Particulars	Note No.	As at 31-Mar-2021	As at 31-Mar-2020
I.	EQUITY AND LIABILITIES		Amount in Rs.	Amount in Rs.
1	Shareholders' Funds			
	(a) Share Capital		-	-
	(b) Reserves and Surplus	1	4,185,839,533	4,344,435,283
	(c) Money Received Against Share Warrants		-	-
	Total		4,185,839,533	4,344,435,283
2	Share Application money pending allotment			
3	Non-Current Liabilities			
	(a) Long-Term Borrowings		-	-
	(b) Deferred Tax Liabilities (Net)		-	-
	(c) Other Long-Term Liabilities		-	-
	(d) Long-Term Provisions		-	-
	Total		-	-
4	Current Liabilities			
	(a) Short-Term Borrowings		-	-
	(b) Trade Payables	2	6,261,361	796,900
	(c) Other Current Liabilities	3	1,019,823	1,036,950
	(d) Short-Term Provisions	4	60,191	18,763
	Total		7,341,375	1,852,613
	Grand Total		4,193,180,907	4,346,287,896
II.	ASSETS			
1	Non-Current Assets			
	(a) Fixed Assets	5	1,695,175,450	1,848,396,896
	(b) Non-Current Investments		-	-
	(c) Deferred Tax Assets (Net)		-	-
	(d) Long-Term Loans and Advances		-	-
	(e) Other Non-Current Assets		-	-
	Total		1,695,175,450	1,848,396,896
2	Current Assets			
	(a) Current Investments		-	-
	(b) Inventories		-	-
	(c) Trade receivables	6	34,607,471	35,493,014
	(d) Cash and Cash Equivalents		-	-
	(e) Short-Term Loans and Advances	7	128,379,527	127,379,527
	(f) Other Current Assets	8	16,854,415	16,854,415
	Total		179,841,413	179,726,956
3	Misc Expense (Assets)	9	2,318,164,044	2,318,164,044
	Grand Total		4,193,180,907	4,346,287,896
	Significant Accounting policies & Notes to Financial statements	1-12		
			0	(0)
	As per our report of even date For, J V P G & ASSOCIATES Chartered Accountants			For, Electricity Department, D&NH.
	 Jitendra Varma (Partner) Firm Registration Number - 156472W M.N. 172888 UDIN : 21172888AAAAACO9403			
	Place: Vapi Date: 23.11.2021			

Electricity Department (Transmission Division)
4th Floor, VIDYUT BHAWAN,
Near SECRETERIAT,
SILVASSA - Dadra & Nagar Haveli

Statement of Profit and Loss for the year ending on 31-Mar-2021 In (Rupees) In (Rupees)

	Particulars	Note No.	For year ending on 31-Mar-2021	For year ending on 31-Mar-2020
I	Revenue from Operations	10	4138,34,870	4273,51,148
II	Other Income		-	-
III	TOTAL REVENUE (I + II)		4138,34,870	4273,51,148
IV	EXPENSES			
	Rebate		-	-
	Changes in Inventories		-	-
	Employee Benefit Expenses	11	272,69,048	385,94,363
	Finance Costs		-	-
	Depreciation and Amortization Expenses		1532,21,447	1532,21,447
	Other Expenses	12	299,67,206	548,57,468
	TOTAL EXPENSES		2104,57,701	2466,73,278
V	Profit before Exceptional and Extraordinary Items		2033,77,169	1806,77,870
VI	Exceptional Items		-	-
VII	Profit before Extraordinary Items and Tax		2033,77,169	1806,77,870
VIII	Extraordinary Items		-	-
	Government Grant		-	-
IX	Profit Before Tax		2033,77,169	1806,77,870
X	Tax Expense			
	Current Tax		-	-
	Deferred Tax		-	-
	Income Tax of last years(short provision)		-	-
XI	Profit/(Loss) for the period from Continuing Operations		2033,77,169	1806,77,870
XII	Profit/(Loss) from Discontinuing Operations		-	-
XIII	Tax Expense of Discontinuing Operations		-	-
XIV	Profit/(Loss) from Discontinuing Operations (Net)		-	-
XV	Profit(Loss) for the Period(XI+XIV)		2033,77,169	1806,77,870
XVI	Earnings per Equity Share			
	-Basic		-	-
	-Diluted		-	-
	Significant Accounting policies & Notes to Financial statements	1-12		

As per our report of even date
For, **J V P G & ASSOCIATES**
Chartered Accountants


Jitendra Varma
(Partner)
Firm Registration Number - 156472W
M.N. 172888
UDIN : 21172888AAAAACO9403

Place: Vapi
Date: 23.11.2021

For, Electricity Department, D&NH.



Electricity Department (Transmission Division)		
1 . Reserves and Surplus		
	In (Rupees)	
Particulars	as at 31-Mar-2021	as at 31-Mar-2020
Corpus Fund (Contribution from Government)		
Opening balance	3,963,035,807	4,308,899,372
(+) Addition during the year	-	-
(-) Transfer during the year	361,972,919	345,863,565
Closing balance	3,601,062,888	3,963,035,807
Reserve for Doubtful Debts		
Opening balance	-	-
(+) Addition during the year	-	-
(-) Transfer during the year	-	-
Closing balance	-	-
Grants & Subsidies		
Opening balance	-	-
(+) Addition during the year	-	-
(-) Transfer during the year	-	-
Closing balance	-	-
Surplus		
Opening balance	381,399,476	200,721,606
(+) Net profit/(Net loss) for the Current Year	203,377,169	180,677,870
Closing balance	584,776,645	381,399,476
Total	4,185,839,533	4,344,435,283
2 . Trade Payables		
	In (Rupees)	
Particulars	as at 31-Mar-2021	as at 31-Mar-2020
GET&D INDIA LTD	3,434,492	796,900
JBS Enterprises Pvt Ltd	2,826,869	-
Total	6,261,361	796,900
3. Other Current Liabilities		
	In (Rupees)	
Particulars	as at 31-Mar-2021	as at 31-Mar-2020
Salary Expense Payable	1,019,823	1,036,950
Total	1,019,823	1,036,950
4. Short Term Provisions		
	In (Rupees)	
Particulars	as at 31-Mar-2021	as at 31-Mar-2020
TDS Payable	60,191	18,763
Total	60,191	18,763

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5911/2021/Diary Section

FIXED ASSETS REGISTER												
PARTICULARS		GROSS BLOCK				DEPRECIATION				NET BLOCK		
DESCRIPTION OF ASSETS		OPENING BALANCE	ADDITION	DEDUCTION	TOTAL	OPENING BALANCE	CURRENT YEAR DEPRECIATION	ADJUSTMENTS	TOTAL	WDV AS ON 31.03.2021	PREVIOUS YEAR WDV	RESIDUAL VALUE
KHADOLI												
	LAND	20100000			20100000	0	0	0	0	20100000	20100000	0
	BUILDINGS	12551786			12551786	4192297	419230	0	4611527	7940259	8359489	1255179
	OTHER EQUIPMENTS	859079735	0.00		859079735	362664507	45359410	0	408023917	451055818	496415228	85907973
	TOTAL	891731521	0		891731521	366856804	45778640	0	412635444	479096077	524874717	87163152
KHARADPADA												
	LAND	32000000			32000000	0	0		0	32000000	32000000	0
	BUILDINGS	11600000			11600000	4189659	387440		4577099	7022901	7410341	1160000
	LINES & NETWORKS	1173041306	0.00		1173041306	590858787	61936581		652795368	520245938	582182519	117304131
	OTHER EQUIPMENTS	56242000			56242000	44822950	2969578		47792528	8449472	11419050	5624200
	TRANSFORMERS CENTERS	131800000			131800000	71050284	6959040		78009324	53790676	60749716	13180000
	OFFICE EQUIPMENT	1601966	0		1601966	536322	144676		680997	920969	1065644	160197
	TOTAL	1406285272	0		1406285272	711458003	72397314	0	783855317	622429955	694827269	137428527
VAGCHIPPA												
	LINES & NETWORKS	663740404	0.00		663740404	35045493	35045493		70090987	593649417	628694911	66374040
	TOTAL	663740404	0.00		663740404	35045493	35045493	0	70090987	593649417	628694911	66374040
GRAND TOTAL		2961757197	0.00		2961757197	1113360300	153221447		1266581747	1695175450	1848396897	290965719

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Electricity Department (Transmission Division)**6 . Trade Receivables**

In (Rupees)

Particulars	as at 31-Mar-2021	as at 31-Mar-2020
DNHPDCL Silvassa Power Grid Corporation of India Ltd	34,607,471	35,493,014
Total	34,607,471	35,493,014

7 . Short Term Loan and Advances

Particulars	as at 31-Mar-2021	as at 31-Mar-2020
Government Fund	127,367,317	127,367,317
PDCL Security Deposit	12,210	12,210
Loan to DNHPDCL	1,000,000	
Total	128,379,527	127,379,527

8 . Other Current Assets

Particulars	as at 31-Mar-2021	as at 31-Mar-2020
TDS Receivable	16,854,415	16,854,415
Total	16,854,415	16,854,415

9 . Misc Expenses (Assets)

Particulars	as at 31-Mar-2021	as at 31-Mar-2020
Capital Work in progress	-	-
Grant In Aid (District Panchayat)	508,370,000	508,370,000
Grant In Aid (DNI Power Distribution)	1,665,794,044	1,665,794,044
Grant In Aid (Municipal Corporation)	144,000,000	144,000,000
Total	2,318,164,044	2,318,164,044

Electricity Department (Transmission Division)		
Notes to and forming part of Statement of Profit and Loss		
10. Revenue from Operations		
Particulars	In (Rupees)	
	For y. e. on 31.03.2021	For y. e. on 31.03.2020
TRANSMISSION CHARGES (OLD)	-	-
O&M OF PGCIL	605,848	680,303
PP POC INCOME	412,499,022	425,922,395
STOA INCOME	730,000	732,000
TENDER FEES	-	16,450
Total	413,834,870	427,351,148

10/1/21

Electricity Department (Transmission Division)		
Notes to and forming part of Statement of Profit and Loss		
11 . Employee benefit expense	In (Rupees)	In (Rupees)
Particulars	For y. e. on 31.03.2021	For y. e. on 31.03.2020
Salaries & Wages	26,538,833	37,054,766
Leave Salary	571,331	1,350,779
Bonus	158,884	188,818
Total	27,269,048	38,594,363
Notes to and forming part of Statement of Profit and Loss		
12 . Other Operating Expenses	In (Rupees)	In (Rupees)
Particulars	For y. e. on 31.03.2021	For y. e. on 31.03.2020
Digital Signature Expenses	-	10,550
License Fees	-	1,294,000
Repairs & Maintenance	14,100,997	19,339,376
Advertisement Exp	134,279	238,475
Office Exp	41,244	748,270
Stationery & Printing Exp	-	68,583
Lawyer Charges	-	142,470
Consultancy Fees	35,000	702,180
Hire Charges	593,357	389,081
ARR Petition Charges	2,000,000	2,000,000
AMC SLDC	5,208,170	6,668,227
Internet charges	-	5,310
SLDC charges	7,854,159	23,250,946
Total	29,967,206	54,857,468

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FROM,

DNH ELECTRICITY - TRANSMISSION DEPT

VIDYUT BHAVAN,

NEAR SECRETARIAT, AMILI,

SILVASSA,,

DADRA & NAGAR HAVELI - 396230

DATE:- 30.10.21

To,
JVPG & ASSOCIATES,
CHARTERED ACCOUNTANTS,
SHOP NO 21, ANAND APARTMENT,
NEAR HOTEL PAPILLON,
VAPI - 396 195

Dear Sir,

Sub. : Representation letter for accounting for F.Y 2020-2021 & 01.04.2020 to 30.09.2021

This representation letter is provided in connection with your accounting for the financial year 2020-2021 & 01.04.2021 to 30.09.2021

1. We confirm, to the best of my knowledge and belief, the following representation :
 - i) As the transmission and distribution department have separated from financial year 2013 -14, the opening balances of fixed assets of transmission department were only taken into account. There were no other opening balances.
 - ii) In case of expenses, we receive the funds from the government for the expenses to be incurred. Other than that we have the revenue of transmission charges only.

iii) All the expenses were taken into the account from the cash book maintained by us and has been accounted on cash basis.

We confirm that all the information that has been provided to you in connection with you are true and correct.

For, M/S. DNH ELECTRICITY DEPARTMENT-TRANSMISSION DEPT


MR. H. M. PATEL

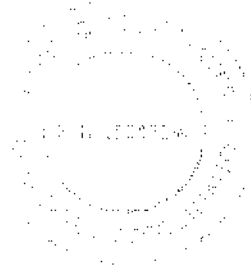
DEPRECIATION SHEET
OF
DNH ELECTRICITY – TRANSMISSION
DEPT.
DADRA NAGAR & HAVELI

FOR THE PERIOD
2020-2021

FIXED ASSETS REGISTER
F.Y 2020-21

PARTICULARS	DEP RATE	GROSS BLOCK				DEPRECIATION				NET BLOCK		
		DESCRIPTION OF ASSETS	OPENING BALANCE	ADDITION	DEDUCTION	TOTAL	OPENING BALANCE	CURRENT YEAR DEPRECIATION	ADJUSTMENTS	TOTAL	WDV AS ON 31.03.2021	PREVIOUS YEAR WDV
KHADOLI												
LAND		20100000			20100000	0	0	0	0	20100000	20100000	0
BUILDINGS		12551786			12551786	4192297	419230	0	4611527	7940259	8359489	1255179
OTHER EQUIPMENTS		859079735	0.00		859079735	362664507	45359410	0	408023917	451055818	496415228	85907973
TOTAL		891731521	0		891731521	366856804	45778640		412635444	479096077	524874717	87163152
KHARADPADA												
LAND		32000000			32000000	0	0		0	32000000	32000000	0
BUILDINGS		11600000			11600000	4189659	387440		4577099	7022901	7410341	1160000
LINES & NETWORKS		1173041306	0.00		1173041306	590858787	61936581		652795368	520245938	582182519	117304131
OTHER EQUIPMENTS		56242000			56242000	44822950	2969578		47792528	8449472	11419050	5624200
TRANSFORMERS CENTERS		131800000			131800000	71050284	6959040		78009324	53790676	60749716	13180000
OFFICE EQUIPMENT		1601966	0		1601966	536322	144676		680997	920969	1065644	160197
TOTAL		1406285272	0		1406285272	711458003	72397314	0	783855317	622429955	694827269	137428527
VAGCHIPPA												
LINES & NETWORKS		663740404	0.00		663740404	35045493	35045493		70090987	593649417	628694911	66374040
TOTAL		663740404	0.00		663740404	35045493	35045493	0	70090987	593649417	628694911	66374040
GRAND TOTAL		2961757197	0.00		2961757197	1113360300	153221447		1266581747	1695175450	1848396897	290965719

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5911/2021/Diary Section

KHADOLI
GROSS FIXED ASSETS - TRANSMISSION

PARTICULARS				GROSS BLOCK					DEPRECIATION				NET BLOCK		
DESCRIPTION OF ASSETS	QTY	UNITS	DATE WHOM PURCHASE	RATE OF DEPRECIATION	OPENING BALANCE	ADDITION	DEDUCTION	TOTAL	OPENING BALANCE	CURRENT YEAR	ADJUSTMENT	TOTAL	CURRENT YEAR WDV	PREVIOUS WDV	RESIDUAL VALUE
LAND															
LAND - KHADOLI SUBSTATION		7 ACRE	4/1/1988	0.00%	10100000			10100000				0	10100000	10100000	
LAND AT 220KV KHADOLI			4/1/2010	0.00%	10000000			10000000				0	10000000	10000000	
TOTAL					20100000			20100000				0	20100000	20100000	
BUILDINGS															
BOUNDARY WALL WORK OF 220/66 KV KHADOLI SUB-STATION			4/1/2010	3.34%	5318042.00			5318042.00	1776226.43	177622.60		1953849.03	3364192.97	3541815.57	531804.20
SITE LEVELLING WORK OF 220/66 KV KHADOLI SUB-STATION			4/1/2010	3.34%	5854980			5854980.00	1955562.99	195556.33		2151119.32	3703860.68	3899417.01	585498.00
STONE PITCHING WORK ON SLOPES OF 220/66 KV KHADOLI SUB- STATION			4/1/2010	3.34%	806729			806729.00	269447.75	26944.75		296392.49	510336.51	537281.25	80672.90
HORTICULTURE DEVELOPMENT WORK AT 220/66 KV KHADOLI SUB-STATION			4/1/2010	3.34%	572035			572035.00	191059.73	19105.97		210165.70	361869.30	380975.27	57203.50
TOTAL					12551786.00			12551786.00	4192296.89	419229.65		4611526.54	7940259.46	8359489.11	1255178.60
LINES & NETWORKS															
OTHER EQUIPMENTS KHADOLI															
220/66 KV 2x160 MVA SUB STATION AT VILLAGE KHADOLI WITH ERECTION OF 220KV AND 66 KV BAYS (AS PER OTHERS SHEET)			4/1/2010	5.28%	406539233.8			406539233.82	214652715.92	21465271.55		236117987.46	170421246.36	191886517.90	40653923.38
TYPE TEST			4/4/2010	5.28%	1140696			1140696.00	602287.75	60228.75		662516.50	478179.50	538408.25	114069.6
PROVISIONAL PRICE VARIATION/ QUANTITY VARIATION (INCLUDING PV OF 66KV LINE)			4/1/2010	5.28%	13598950.97			13598950.97	7180246.49	718024.61		7898271.10	5700679.87	6418704.48	1359895.1
DEPRARTMENT SCOPE TOTAL AMOUNT (DETAIL GIVEN BELOW)			4/1/2010	5.28%	15859779			15859779.00	8373962.97	837396.33		9211359.30	6648419.70	7485816.03	1585977.9
CONSULTANCY FEE/SUPERVISION CHARGES@15 %			4/1/2010	5.28%	53420000			53420000.00	28205760	2820576.00		31026336	22393664	25214240	5342000
SUPPLY AND ERECTION OF FURNISHING ITEMS OF GODREJ MAKE AT 220/66 KV KHADOLI SUB-STATION			4/1/2010	5.28%	2893175			2893175.00	1527596.76	152759.64		1680356.4	1212818.6	1365578.24	289317.5
LINE & NETWORK KHADOLI															
ESTABLISHMENT OF 220/66KV, 2X160MVA KHADOLI SUBSTATION			10/31/2013	5.28%	5000000			5000000.00	1848000.00	264000.00		2112000.00	2888000	3152000	500000
220KV LINE FROM KALA SUBSTATION TO KHADOLI			1/21/2014	5.28%	10000000			10000000.00	3696000.00	528000.00		4224000.00	5776000	6304000	1000000
220KV LINE FROM KALA SUBSTATION TO KHADOLI			3/24/2014	5.28%	10000000			10000000.00	3696000.00	528000.00		4224000.00	5776000.00	6304000.00	1000000

2021

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AUGMENTATION - KHADOLI														
220KV LINE FROM KALA SUBSTATION TO KHADOLI		5/27/2014	5.28%	50000000			50000000.00	15840000	2640000.00		18480000	31520000.00	34160000.00	5000000
220KV LINE FROM KALA SUBSTATION TO KHADOLI		6/13/2014	5.28%	40000000			40000000.00	12672000	2112000.00		14784000	25216000.00	27328000.00	4000000
220KV LINE FROM KALA SUBSTATION TO KHADOLI		11/26/2014	5.28%	10000000			10000000.00	3168000	528000.00		3696000	6304000.00	6832000.00	1000000
220KV LINE FROM KALA SUBSTATION TO KHADOLI		1/30/2015	5.28%	15000000			15000000.00	4752000	792000.00		5544000	9456000.00	10248000.00	1500000
220KV LINE FROM KALA SUBSTATION TO KHADOLI		3/31/2015	5.28%	43721950			43721950.00	11542594.8	2308518.96		13851113.76	29870836.24	32179355.20	4372195
220KV LINE FROM 400/220 KV KALA SUBSTATION TO KHADOLI WITH ZEBRA CONDUCTOR		5/11/2015	5.28%	80000000			80000000.00	21120000	4224000.00		25344000	54656000.00	58880000.00	8000000
AUGMENTATION OF 220/66KV KHADOLI - 2X160 MVA TO 3X160 MVA		10/8/2015	5.28%	10000000			10000000.00	2640000	528000.00		3168000	6832000.00	7360000.00	1000000
AUGMENTATION OF 220/66KV KHADOLI - 2X160 MVA TO 3X160 MVA		1/11/2017	5.28%	4800000	0		4800000.00	1013760	253440.00		1267200	3532800.00	3786240.00	480000
220KV LINES FROM 400/220KV KALA SUBSTATION TO KHADOLI SUBSTATION		3/31/2017	5.28%	11548950	0		11548950.00	1829353.68	609784.56		2439138.24	9109811.76	9719596.32	1154895
220/66KV KHADOLI FROM 2X160 CAPACITY		3/31/2017	5.28%	35557000	0		35557000.00	5632228.80	1877409.60		7509638.40	28047361.60	29924771.20	3555700
220/66KV KHADOLI - 2X160 TO 3X160 MVA		3/18/2015	5.28%	40000000.00			40000000.00	12672000.00	2112000.00		14784000.00	25216000.00	27328000.00	4000000.00
TOTAL				859079734.79	0.00	0.00	859079734.79	362664507.17	45359410.00	0.00	408023917.17	451055817.62	496415227.62	85907973.48
GRAND TOTAL (SUB-STATION)				891731520.79	0.00		891731520.79	366856804.06	45778639.65		412635443.71	479096077.08	524874716.73	87163152.08

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KHARADPADA
GROSS FIXED ASSETS - TRASMISSION

PARTICULARS				GROSS BLOCK					DEPRECIATION				NET BLOCK		
DESCRIPTION OF ASSETS	QTY	UNITS	DATE WHOM PURCHASE	RATE OF DEPRECIATION	OPENING BALANCE	ADDITION	DEDUCTION	TOTAL	OPENING BALANCE	CURRENT YEAR	ADJUSTMENT	TOTAL	CURRENT YEAR WDV	PREVIOUS WDV	RESIDUAL VALUE
LAND															
LAND- KHARADPADA SUB-STATION	20	ACRE	4/1/2002	0.00%	32000000			32000000				0	32000000	32000000	
TOTAL					32000000	0	0	32000000			0	0	32000000	32000000	0
BUILDINGS															
BUILDING			6/8/2009	3.34%	11600000.00	0.00		11600000.00	4189659.40	387440.00		4577099.40	7022900.60	7410340.60	1160000.00
TOTAL					11600000.00	0.00	0.00	11600000.00	4189659.40	387440.00	0.00	4577099.40	7022900.60	7410340.60	1160000.00
LINES & NETWORKS															
220KV KHARADPADA - 66KV RAKHOLI -1	13.5KM		4/1/2003	5.28%	87750000.00	0.00		87750000.00	78789787.40	4633200.00		83422987.40	4327012.60	8960212.60	8775000.00
220KV KHARADPADA - 66KV RAKHOLI -2	13 KM		4/1/2003	5.28%	84500000.00			84500000.00	75871647.12	4461600.00		80333247.12	4166752.88	8628352.88	8450000.00
220KV KHARADPADA - 66KV MASAT	7.5 KM		4/1/2003	5.28%	48750000.00			48750000.00	43772104.11	2574000.00		46346104.11	2403895.89	4977895.89	48750000.00
220KV KHARADPADA - 66KV RELIANCE	0.5 KM		4/1/2003	5.28%	3250000.00			3250000.00	2918140.27	171600.00		3089740.27	160259.73	331859.73	3250000.00
220KV KHARADPADA - 66KV DADRA	11 KM		4/1/2003	5.28%	71500000.00			71500000.00	64199086.03	3775200.00		67974286.03	3525713.97	7300913.97	7150000.00
220KV KHARADPADA - 66KV KHADOLI	22 KM		4/1/2003	5.28%	143000000.00			143000000.00	128398172.05	7550400.00		135948572.05	7051427.95	14601827.95	14300000.00
220KV LINE FROM KALA SUBSTATION TO KHARADPADA SUBSTATION			1/21/2014	5.28%	10000000.00			10000000.00	3696000.00	528000.00		4224000.00	5776000.00	6304000.00	1000000.00
INTERCONNECTIVITY LINE OF 220/66KV KHARADPADA SUBSTATION			6/13/2014	5.28%	50000000.00			50000000.00	15840000.00	2640000.00		18480000.00	31520000.00	34160000.00	5000000.00
INTERCONNECTIVITY LINE OF 220/66KV KHARADPADA SUBSTATION			8/12/2014	5.28%	100000000.00			100000000.00	31680000.00	5280000.00		36960000.00	63040000.00	68320000.00	10000000.00
AUGMENTATION OF 220/66KV KHARADPADA SUBSTATION			11/14/2014	5.28%	1880000.00			1880000.00	595584.00	99264.00		694848.00	1185152.00	1284416.00	188000.00
66KV OUTDOOR SINGLE PHASE TMK CTS			12/3/2014	5.28%	1534582.00			1534582.00	486155.58	81025.93		567181.51	967400.49	1048426.42	153458.20
220KV LINES FROM KALA SUBSTATION TO 220/66KV KHARADPADA			1/5/2015	5.28%	15000000.00			15000000.00	4752000.00	792000.00		5544000.00	9456000.00	10248000.00	1500000.00
12 MTR HIGHMUST AT 220/66KV			1/12/2015	5.28%	1158066.00			1158066.00	366875.31	61145.88		428021.19	730044.81	791190.69	115806.60
LT CONTROL CABLE AT 220/66 KV KHARADPADA			3/25/2015	5.28%	1106050.00			1106050.00	350396.64	58399.44		408796.08	697253.92	755653.36	110605.00
220KV LINES FROM 400/220KV KALA SUBSTATION TO NEW KHARADPADA			6/2/2015	5.28%	43508730			43508730.00	11486304.72	2297260.94		13783565.66	29725164.34	32022425.28	4350873.00
220KV LINE FROM 400/220KV KALA TO 220/66 KV NEW KHARADPADA			6/30/2015	5.28%	40000000.00			40000000.00	10560000.00	2112000.00		12672000.00	27328000.00	29440000.00	4000000.00
220KV LINE FROM 400/220KV KALA TO 220/66 KV NEW KHARADPADA			2/27/2016	5.28%	192250000.00			192250000.00	50754000.00	10150800.00		60904800.00	131345200.00	141496000.00	19225000.00

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220KV LINE FROM KALA SUBSTATION TO NEW KHARADPADA SUBSTATION		6/3/2016	5.28%	50000000	0	50000000.00	10560000.00	2640000.00		13200000.00	36800000.00	39440000.00	5000000.00	
220KV LINE FROM KALA SUBSTATION TO NEW KHARADPADA SUBSTATION		8/17/2016	5.28%	17500000	0	17500000.00	3696000.00	924000.00		4620000.00	12880000.00	13804000.00	1750000.00	
220KV LINE FROM KALA SUBSTATION TO NEW KHARADPADA SUBSTATION		3/31/2017	5.28%	32641000	0	32641000.00	5170334.40	1723444.80		6893779.20	25747220.80	27470665.60	3264100.00	
AUGMENTATION FROM 420MVA TO 520MVA CAPACITY AT KHARADPADA SUBSTATION		3/31/2015	5.28%	177712878.00		177712878.00	46916199.79	9383239.96		56299439.75	121413438.25	130796678.21	17771287.80	
TOTAL				1173041306.00	0.00	0.00	1173041306.00	590858787.42	61936580.96	0.00	652795368.38	520245937.62	582182518.58	117304130.60
TRANSFORMER CENTRES														
220/66 KV TRANSFORMER	1 NOS	10/30/2005	5.28%	57000000		57000000.00	43404203.84	3009600.00		46413803.84	10586196.16	13595796.16	5700000	
220/66 KV TRANSFORMER	1 NOS	4/1/2012	5.28%	74800000		74800000.00	27646080.00	3949440.00		31595520.00	43204480.00	47153920.00	7480000	
TOTAL				131800000.00	0.00	0.00	131800000.00	71050283.84	6959040.00	0.00	78009323.84	53790676.16	60749716.16	13180000.00
OTHER EQUIPMENTS														
245KV ISOLALOR	4 SET	7/25/2002	5.28%	620000		620000.00	579113.29	32736.00		611849.29	8150.71	40886.71	62000	
245KV CT	3 NOS	7/25/2002	5.28%	780000		780000.00	728561.88	41184.00		769745.88	10254.12	51438.12	78000	
245KV CB	1 NOS	7/25/2002	5.28%	1630000		1630000.00	1522507.53	86064.00		1608571.53	21428.47	107492.47	163000	
LA	3 NOS	7/25/2002	5.28%	213000		213000.00	198953.04	11246.40		210199.44	2800.56	14046.96	21300	
PI	12 NOS	7/25/2002	5.28%	240000		240000.00	224172.89	12672.00		236844.89	3155.11	15827.11	24000	
CVT	3 NOS	7/25/2002	5.28%	840000		840000.00	784605.11	44352.00		828957.11	11042.89	55394.89	84000	
WAVE TRAP	1 NOS	7/25/2002	5.28%	400000		400000.00	373621.48	21120.00		394741.48	5258.52	26378.52	40000	
245KV ISOLALOR	4 SET	7/25/2002	5.28%	620000		620000.00	579113.29	32736.00		611849.29	8150.71	40886.71	62000	
254KV CT	3 NOS	7/25/2002	5.28%	780000		780000.00	728561.88	41184.00		769745.88	10254.12	51438.12	78000	
245KV CB	1 NOS	7/25/2002	5.28%	1630000		1630000.00	1522507.53	86064.00		1608571.53	21428.47	107492.47	163000	
LA	3 NOS	7/25/2002	5.28%	213000		213000.00	198953.04	11246.40		210199.44	2800.56	14046.96	21300	
PI	12 NOS	7/25/2002	5.28%	240000		240000.00	224172.89	12672.00		236844.89	3155.11	15827.11	24000	
CVT	3 NOS	7/25/2002	5.28%	840000		840000.00	784605.11	44352.00		828957.11	11042.89	55394.89	84000	
WAVE TRAP	1 NOS	7/25/2002	5.28%	400000		400000.00	373621.48	21120.00		394741.48	5258.52	26378.52	40000	
245 KV ISOLALOR	2 SET	7/27/2002	5.28%	310000		310000.00	289466.96	16368.00		305834.96	4165.04	20533.04	31000	
245 KV CT	3 NOS	7/27/2002	5.28%	780000		780000.00	728336.22	41184.00		769520.22	10479.78	51663.78	78000	
254 KV PT	6 NOS	7/27/2002	5.28%	690000		690000.00	644297.42	36432.00		680729.42	9270.58	45702.58	69000	
245 KV CB	1 NOS	7/27/2002	5.28%	1630000		1630000.00	1522035.95	86064.00		1608099.95	21900.05	107964.05	163000	
PI	4 NOS	7/27/2002	5.28%	80000		80000.00	74701.15	4224.00		78925.15	1074.85	5298.85	8000	
245 KV ISOLALOR	4 SET	7/27/2002	5.28%	620000		620000.00	578933.92	32736.00		611669.92	8330.08	41066.08	62000	
245 KV CT	3 NOS	7/27/2002	5.28%	780000		780000.00	728336.22	41184.00		769520.22	10479.78	51663.78	78000	
245 KV CB	1 NOS	7/27/2002	5.28%	1630000		1630000.00	1522035.95	86064.00		1608099.95	21900.05	107964.05	163000	
LA	3 NOS	7/27/2002	5.28%	213000		213000.00	198891.41	11246.40		210137.81	2862.19	14108.59	21300	
PI	12 NOS	7/27/2002	5.28%	240000		240000.00	224103.45	12672.00		236775.45	3224.55	15896.55	24000	
ISOLALOR	4 SET	7/27/2002	5.28%	620000		620000.00	578933.92	32736.00		611669.92	8330.08	41066.08	62000	
CT	3 NOS	7/27/2002	5.28%	780000		780000.00	728336.22	41184.00		769520.22	10479.78	51663.78	78000	
CB	1 NOS	7/27/2002	5.28%	1630000		1630000.00	1522035.95	86064.00		1608099.95	21900.05	107964.05	163000	
LA	3 NOS	7/27/2002	5.28%	213000		213000.00	198891.41	11246.40		210137.81	2862.19	14108.59	21300	
PI	12 NOS	7/27/2002	5.28%	240000		240000.00	224103.45	12672.00		236775.45	3224.55	15896.55	24000	
ISOLALOR	4 SET	7/27/2002	5.28%	168000		168000.00	156872.02	8870.40		165742.42	2257.58	11127.98	16800	

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CT	3 NOS	7/27/2002	5.28%	180000			180000.00	168077.59	9504.00		177581.59	2418.41	11922.41	18000
CB	1 NOS	7/27/2002	5.28%	838000			838000.00	782494.15	44246.40		826740.55	11259.45	55505.85	83800
LA	3 NOS	7/27/2002	5.28%	84000			84000.00	78436.01	4435.20		82871.21	1128.79	5563.99	8400
PI	7 NOS	7/27/2002	5.28%	84000			84000.00	78436.01	4435.20		82871.21	1128.79	5563.99	8400
ISOLALOR	2 SET	7/28/2002	5.28%	84000			84000.00	78423.86	4435.20		82859.06	1140.94	5576.14	8400
CT	3 NOS	7/28/2002	5.28%	180000			180000.00	168051.55	9504.00		177555.55	2444.45	11948.45	18000
CB	1 NOS	7/28/2002	5.28%	838000			838000.00	782372.93	44246.40		826619.33	11380.67	55627.07	83800
LA	3 NOS	7/28/2002	5.28%	84000			84000.00	78423.86	4435.20		82859.06	1140.94	5576.14	8400
PI	7 NOS	7/28/2002	5.28%	84000			84000.00	78423.86	4435.20		82859.06	1140.94	5576.14	8400
PT	6 NOS	7/28/2002	5.28%	492000			492000.00	459341.31	25977.60		485318.91	6681.09	32658.69	49200
ISOLALOR	4 SET	7/29/2002	5.28%	168000			168000.00	156823.41	8870.40		165693.81	2306.19	11176.59	16800
CT	3 NOS	7/29/2002	5.28%	180000			180000.00	168025.51	9504.00		177529.51	2470.49	11974.49	18000
CB	1 NOS	7/29/2002	5.28%	838000			838000.00	782251.71	44246.40		826498.11	11501.89	55748.29	83800
LA	3 NOS	7/29/2002	5.28%	84000			84000.00	78411.71	4435.20		82846.91	1153.09	5588.29	8400
PI	7 NOS	7/29/2002	5.28%	84000			84000.00	78411.71	4435.20		82846.91	1153.09	5588.29	8400
PT	1 NOS	7/29/2002	5.28%	82000			82000.00	76545.36	4329.60		80874.96	1125.04	5454.64	8200
ISOLALOR	4 SET	7/29/2002	5.28%	168000			168000.00	156823.41	8870.40		165693.81	2306.19	11176.59	16800
CT	3 NOS	7/29/2002	5.28%	180000			180000.00	168025.51	9504.00		177529.51	2470.49	11974.49	18000
CB	1 NOS	7/29/2002	5.28%	838000			838000.00	782251.71	44246.40		826498.11	11501.89	55748.29	83800
LA	3 NOS	7/29/2002	5.28%	84000			84000.00	78411.71	4435.20		82846.91	1153.09	5588.29	8400
PI	7 NOS	7/29/2002	5.28%	84000			84000.00	78411.71	4435.20		82846.91	1153.09	5588.29	8400
PT	1 NOS	7/29/2002	5.28%	82000			82000.00	76545.36	4329.60		80874.96	1125.04	5454.64	8200
ISOLALOR	4 SET	7/29/2002	5.28%	168000			168000.00	156823.41	8870.40		165693.81	2306.19	11176.59	16800
CT	3 NOS	7/29/2002	5.28%	180000			180000.00	168025.51	9504.00		177529.51	2470.49	11974.49	18000
CB	1 NOS	7/29/2002	5.28%	838000			838000.00	782251.71	44246.40		826498.11	11501.89	55748.29	83800
LA	3 NOS	7/29/2002	5.28%	84000			84000.00	78411.71	4435.20		82846.91	1153.09	5588.29	8400
PI	7 NOS	7/29/2002	5.28%	84000			84000.00	78411.71	4435.20		82846.91	1153.09	5588.29	8400
PT	1 NOS	7/29/2002	5.28%	82000			82000.00	76545.36	4329.60		80874.96	1125.04	5454.64	8200
ISOLALOR	4 SET	7/29/2002	5.28%	168000			168000.00	156823.41	8870.40		165693.81	2306.19	11176.59	16800
CT	3 NOS	7/29/2002	5.28%	180000			180000.00	168025.51	9504.00		177529.51	2470.49	11974.49	18000
CB	1 NOS	7/29/2002	5.28%	838000			838000.00	782251.71	44246.40		826498.11	11501.89	55748.29	83800
LA	3 NOS	7/29/2002	5.28%	84000			84000.00	78411.71	4435.20		82846.91	1153.09	5588.29	8400
PI	7 NOS	7/29/2002	5.28%	84000			84000.00	78411.71	4435.20		82846.91	1153.09	5588.29	8400
PT	1 NOS	7/29/2002	5.28%	82000			82000.00	76545.36	4329.60		80874.96	1125.04	5454.64	8200
ISOLALOR	4 SET	7/29/2002	5.28%	168000			168000.00	156823.41	8870.40		165693.81	2306.19	11176.59	16800
CT	6 NOS	7/29/2002	5.28%	360000			360000.00	336051.02	19008.00		355059.02	4940.98	23948.98	36000
CB	1 NOS	7/29/2002	5.28%	838000			838000.00	782251.71	44246.40		826498.11	11501.89	55748.29	83800
LA	3 NOS	7/29/2002	5.28%	84000			84000.00	78411.71	4435.20		82846.91	1153.09	5588.29	8400
PI	7 NOS	7/29/2002	5.28%	84000			84000.00	78411.71	4435.20		82846.91	1153.09	5588.29	8400
PT	3 NOS	7/29/2002	5.28%	246000			246000.00	229635.07	12988.80		242623.87	3376.13	16364.93	24600
ISOLALOR	4 SET	10/15/2002	5.28%	168000			168000.00	154927.82	8870.40		163798.22	4201.78	13072.18	16800
CT	3 NOS	10/15/2002	5.28%	180000			180000.00	165994.52	9504.00		175498.52	4501.48	14005.48	18000
CB	1 NOS	10/15/2002	5.28%	838000			838000.00	772796.31	44246.40		817042.71	20957.29	65203.69	83800
LA	3 NOS	10/15/2002	5.28%	84000			84000.00	77463.91	4435.20		81899.11	2100.89	6536.09	8400
PI	7 NOS	10/15/2002	5.28%	84000			84000.00	77463.91	4435.20		81899.11	2100.89	6536.09	8400
PT	1 NOS	10/15/2002	5.28%	82000			82000.00	75620.13	4329.60		79949.73	2050.27	6379.87	8200
ISOLALOR	4 SET	2/27/2003	5.28%	168000			168000.00	151646.99	8870.40		160517.39	7482.61	16353.01	16800
CT	3 NOS	2/27/2003	5.28%	180000			180000.00	162479.34	9504.00		171983.34	8016.66	17520.66	18000
CB	1 NOS	2/27/2003	5.28%	838000			838000.00	756431.21	44246.40		800677.61	37322.39	81568.79	83800
LA	3 NOS	2/27/2003	5.28%	84000			84000.00	75823.49	4435.20		80258.69	3741.31	8176.51	8400
PI	7 NOS	2/27/2003	5.28%	84000			84000.00	75823.49	4435.20		80258.69	3741.31	8176.51	8400
ISOLALOR	4 SET	2/28/2003	5.28%	168000			168000.00	151622.68	8870.40		160493.08	7506.92	16377.32	16800
CT	3 NOS	2/28/2003	5.28%	180000			180000.00	162453.30	9504.00		171957.30	8042.70	17546.70	18000
CB	1 NOS	2/28/2003	5.28%	838000			838000.00	756309.98	44246.40		800556.38	37443.62	81690.02	83800
LA	3 NOS	2/28/2003	5.28%	84000			84000.00	75811.34	4435.20		80246.54	3753.46	8188.66	8400

2004

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PI	7 NOS	2/28/2003	5.28%	84000		84000.00	75811.34	4435.20		80246.54	3753.46	8188.66	8400
245KV ISOLATOR	4 SET	10/30/2005	5.28%	620000		620000.00	472115.90	32736.00		504851.90	115148.10	147884.10	62000
245KV CT	3 NOS	10/30/2005	5.28%	780000		780000.00	593952.26	41184.00		635136.26	144863.74	186047.74	78000
245KV CB	1 NOS	10/30/2005	5.28%	1630000		1630000.00	1241207.93	86064.00		1327271.93	302728.07	388792.07	163000
LA	3 NOS	10/30/2005	5.28%	213000		213000.00	162194.26	11246.40		173440.66	39559.34	50805.74	21300
PI	12 NOS	10/30/2005	5.28%	240000		240000.00	182754.54	12672.00		195426.54	44573.46	57245.46	24000
ISOLATOR	4 SET	10/31/2005	5.28%	168000		168000.00	127903.48	8870.40		136773.88	31226.12	40096.52	16800
CT	3 NOS	10/31/2005	5.28%	180000		180000.00	137039.87	9504.00		146543.87	33456.13	42960.13	18000
CB	1 NOS	10/31/2005	5.28%	838000		838000.00	637996.32	44246.40		682242.72	155757.28	200003.68	83800
LA	3 NOS	10/31/2005	5.28%	84000		84000.00	63951.74	4435.20		68386.94	15613.06	20048.26	8400
PI	7 NOS	10/31/2005	5.28%	84000		84000.00	63951.74	4435.20		68386.94	15613.06	20048.26	8400
ISOLATOR	4 SET	1/11/2007	5.28%	168000		168000.00	117283.30	8870.40		126153.70	41846.30	50716.70	16800
CT	6 NOS	1/11/2007	5.28%	360000		360000.00	251322.21	19008.00		270330.21	89669.79	108677.79	36000
CB	1 NOS	1/11/2007	5.28%	838000		838000.00	585021.86	44246.40		629268.26	208731.74	252978.14	83800
LA	3 NOS	1/11/2007	5.28%	84000		84000.00	58641.65	4435.20		63076.85	20923.15	25358.35	8400
PI	7 NOS	1/11/2007	5.28%	84000		84000.00	58641.65	4435.20		63076.85	20923.15	25358.35	8400
ISOLATOR	4 SET	3/9/2007	5.28%	168000		168000.00	115898.06	8870.40		124768.46	43231.54	52101.94	16800
CT	6 NOS	3/9/2007	5.28%	360000		360000.00	248353.84	19008.00		267361.84	92638.16	111646.16	36000
CB	1 NOS	3/9/2007	5.28%	838000		838000.00	578112.15	44246.40		622358.55	215641.45	259887.85	83800
LA	3 NOS	3/9/2007	5.28%	84000		84000.00	57949.03	4435.20		62384.23	21615.77	26050.97	8400
PI	7 NOS	3/9/2007	5.28%	84000		84000.00	57949.03	4435.20		62384.23	21615.77	26050.97	8400
PT	3 NOS	3/9/2007	5.28%	246000		246000.00	169708.66	12988.80		182697.46	63302.54	76291.34	24600
ISOLATOR	4 SET	5/19/2007	5.28%	168000		168000.00	114172.58	8870.40		123042.98	44957.02	53827.42	16800
CT	3 NOS	5/19/2007	5.28%	180000		180000.00	122328.20	9504.00		131832.20	48167.80	57671.80	18000
CB	1 NOS	5/19/2007	5.28%	838000		838000.00	569505.32	44246.40		613751.72	224248.28	268494.68	83800
LA	3 NOS	5/19/2007	5.28%	84000		84000.00	57086.29	4435.20		61521.49	22478.51	26913.71	8400
PI	7 NOS	5/19/2007	5.28%	84000		84000.00	57086.29	4435.20		61521.49	22478.51	26913.71	8400
PT	1 NOS	5/19/2007	5.28%	82000		82000.00	55727.69	4329.60		60057.29	21942.71	26272.31	8200
ISOLATOR	4 SET	1/13/2008	5.28%	168000		168000.00	108364.29	8870.40		117234.69	50765.31	59635.71	16800
CT	3 NOS	1/13/2008	5.28%	180000		180000.00	116105.03	9504.00		125609.03	54390.97	63894.97	18000
CB	1 NOS	1/13/2008	5.28%	838000		838000.00	540533.02	44246.40		584779.42	253220.58	297466.98	83800
LA	3 NOS	1/13/2008	5.28%	84000		84000.00	54182.15	4435.20		58617.35	25382.65	29817.85	8400
PI	7 NOS	1/13/2008	5.28%	84000		84000.00	54182.15	4435.20		58617.35	25382.65	29817.85	8400
PT	1 NOS	1/13/2008	5.28%	82000		82000.00	52892.69	4329.60		57222.29	24777.71	29107.31	8200
245KV ISOLATOR	4 SET	3/28/2008	5.28%	620000		620000.00	393190.75	32736.00		425926.75	194073.25	226809.25	62000
245KV CT	3 NOS	3/28/2008	5.28%	780000		780000.00	494659.33	41184.00		535843.33	244156.67	285340.67	78000
245KV CB	1 NOS	3/28/2008	5.28%	1630000		1630000.00	1033711.17	86064.00		1119775.17	510224.83	596288.83	163000
LA	3 NOS	3/28/2008	5.28%	213000		213000.00	135079.65	11246.40		146326.05	66673.95	77920.35	21300
PI	12 NOS	3/28/2008	5.28%	240000		240000.00	152202.87	12672.00		164874.87	75125.13	87797.13	24000
ISOLATOR	4 SET	6/8/2009	5.28%	168000		168000.00	95921.43	8870.40		104791.83	63208.17	72078.57	16800
CT	6 NOS	6/8/2009	5.28%	360000		360000.00	205546.78	19008.00		224554.78	135445.22	154453.22	36000
CB	1 NOS	6/8/2009	5.28%	838000		838000.00	478466.84	44246.40		522713.24	315286.76	359533.16	83800
LA	3 NOS	6/8/2009	5.28%	84000		84000.00	47960.72	4435.20		52395.92	31604.08	36039.28	8400
PI	7 NOS	6/8/2009	5.28%	84000		84000.00	47960.72	4435.20		52395.92	31604.08	36039.28	8400
PT	1 NOS	6/8/2009	5.28%	82000		82000.00	46819.39	4329.60		51148.99	30851.01	35180.61	8200
ISOLATOR	4 SET	4/1/2012	5.28%	168000		168000.00	70962.80	8870.40		79833.20	88166.80	97037.20	16800
CT	3 NOS	4/1/2012	5.28%	180000		180000.00	76032.00	9504.00		85536.00	94464.00	103968.00	18000
CB	1 NOS	4/1/2012	5.28%	838000		838000.00	353970.80	44246.40		398217.20	439782.80	484029.20	83800

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LA	3 NOS		4/1/2012	5.28%	84000			84000.00	35481.40	4435.20		39916.60	44083.40	48518.60	8400
PI	7 NOS		4/1/2012	5.28%	84000			84000.00	35481.40	4435.20		39916.60	44083.40	48518.60	8400
ISOLALOR	4 SET		4/1/2012	5.28%	132000			132000.00	55757.20	6969.60		62726.80	69273.20	76242.80	13200
CT	3 NOS		4/1/2012	5.28%	1005000			1005000.00	424512.00	53064.00		477576.00	527424.00	580488.00	100500
CB	1 NOS		4/1/2012	5.28%	560000			560000.00	236544.00	29568.00		266112.00	293888.00	323456.00	56000
LA	3 NOS		4/1/2012	5.28%	40000			40000.00	16896.00	2112.00		19008.00	20992.00	23104.00	4000
PI	7 NOS		4/1/2012	5.28%	12000			12000.00	5069.20	633.60		5702.80	6297.20	6930.80	1200
PT	3 NOS		4/1/2012	5.28%	1050000			1050000.00	443520.00	55440.00		498960.00	551040.00	606480.00	105000
ISOLALOR	4 SET		4/1/2012	5.28%	132000			132000.00	55757.20	6969.60		62726.80	69273.20	76242.80	13200
CT	3 NOS		4/1/2012	5.28%	1005000			1005000.00	424512.00	53064.00		477576.00	527424.00	580488.00	100500
CB	1 NOS		4/1/2012	5.28%	560000			560000.00	236544.00	29568.00		266112.00	293888.00	323456.00	56000
LA	3 NOS		4/1/2012	5.28%	40000			40000.00	16896.00	2112.00		19008.00	20992.00	23104.00	4000
PI	7 NOS		4/1/2012	5.28%	12000			12000.00	5069.20	633.60		5702.80	6297.20	6930.80	1200
PT	3 NOS		4/1/2012	5.28%	1050000			1050000.00	443520.00	55440.00		498960.00	551040.00	606480.00	105000
Total					56242000			56242000	44822950.48	2969577.6		47792528.08	8449471.92	11419049.52	5624200
OFFICE EQUIPMENT															
XEROX MACHINE	1 NOS		3/31/2014	6.33%	242445.00			242445.00	92080.61	15346.77		107427.38	135017.62	150364.39	24244.5
COMPUTER	3 NOS		10/7/2014	15.00%	499090.00			499090.00	273153.00	74863.50		348016.50	151073.50	225937.00	49909
AIR CONDITIONER			7/6/2015	6.33%	337483.00			337483.00	106813.37	21362.67		128176.04	209306.96	230669.63	33748.3
CCTV CAMERA			3/1/2019	6.33%	492448.00			492448.00	62343.92	31171.96		93515.88	398932.12	430104.08	49244.8
SCANNER	1 NOS		9/13/2019	6.33%	30500.00	0		30500.00	1930.65	1930.65		3861.30	26638.70	28569.35	3050
Total					1601966.00	0.00	0.00	1601966.00	536321.55	144675.55	0.00	680997.10	920968.90	1065644.45	160196.60
GRAND TOTAL															
					1406285272.00	0.00	0.00	1406285272.00	711458002.69	72397314.11	0.00	783855316.79	622429955.21	694827269.31	137428527.20

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VAGCHIPPA
GROSS FIXED ASSETS - TRANSMISSION

PARTICULARS				GROSS BLOCK					DEPRECIATION				NET BLOCK		
DESCRIPTION OF ASSETS	QTY	UNITS	DATE WHOM	RATE OF	OPENING	ADDITION	DEDUCTION	TOTAL	OPENING	CURRENT	ADJUSTMENT	TOTAL	CURRENT YEAR	PREVIOUS	RESIDUAL
LINE & NETWORK VAGCHIPPA															
LINE & NETWORK			1/20/2020	5.28%	663740404	0		663740404.00	35045493.33	35045493.33		70090986.66	593649417.3	628694910.7	66374040.00
GRAND TOTAL (SUB-STATION)					663740404.00	0.00		663740404.00	35045493.33	35045493.33	0.00	70090986.66	593649417.34	628694910.67	66374040.00

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