

**Administration of  
Dadra & Nagar Haveli & DD  
Electricity Department  
Transmission Division  
Silvassa.**

No. DNH/ELE/TRANS/2019/22/349  
☎ : (0260) 2406546.

Dated: 05/12/2022.  
✉: [trans.dnh@gmail.com](mailto:trans.dnh@gmail.com)

**To,**  
**The Secretary**  
**Joint Electricity Regulatory Commission**  
**(For the state of Goa and Union Territories)**  
**3rd and 4th, Plot No. 55-56, Pathkind Lab Building,**  
**Sector -18, Udyog Vihar, Phase IV**  
**Gurgaon, (122015) Haryana**

**Sub:** Approval of Annual Revenue Requirement (ARR) Petition and Tariff Proposal of Electricity Department (Transmission Division) of Dadra and Nagar Haveli for FY 2023-24 under section 61, 62 and 64 of The Electricity Act 2003

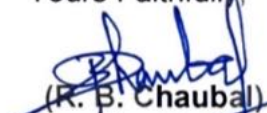
Respected Sir,

With reference to the above cited subject please find enclosed herewith the Annual Revenue Requirement (ARR) Petition and Tariff Proposal of Electricity Department (Transmission Division) of Dadra and Nagar Haveli for FY 2023-24 under section 61, 62 and 64 of The Electricity Act 2003.

The fees for the said petition for an amount of ₹. 20, 00,000/- has been paid through PFMS on 26 .11 .2022.

The Electricity Department (Transmission Division) of Dadra and Nagar Haveli most respectfully submit the above petition to the Hon'ble Joint Electricity Regulatory Commission.


Yours Faithfully,

  
(R. B. Chaubal)  
Executive Engineer  
Electricity Department  
Transmission Division  
D&NH, Silvassa.

List of Enclosures:-

1. Six Copies of the ARR & Tariff Petition for FY 2023-4 ( Vol 1)
2. Audited Annual Accounts for the FY 2021-22 (Annexure I)
3. Fixed Asset Register for the FY 2021-22 (Annexure II)


I, Gita S. Patel, Advocate, UT of D&NH, do hereby declare that the person making this affidavit is known to me through the perusal of records and I am satisfied that he is the same person alleging to be deponent himself.

  
Advocate

Solemnly affirmed before me on this 22<sup>nd</sup> day of November 2022 at Silvassa p.m/a.m by the deponent who has been identified by the aforesaid Advocate. I have satisfied myself by examining the deponent that he understood the contents of the affidavit which has been read over and explained to him. He has also been explained about section 193 of Indian Penal Code that whoever intentionally gives false evidence in any of the proceedings of the Commission or fabricates evidence for purpose of being used in any of the proceedings shall be liable for punishment as per law.

Relip.

IDENTIFIED BY ME

  
Hasmykh. M. Rohy  
Kislvani Nalca  
D&NH, Silvassa.  
Mbl. 9925288811

Solemnly affirmed before me by

Shri Harshward Paliep

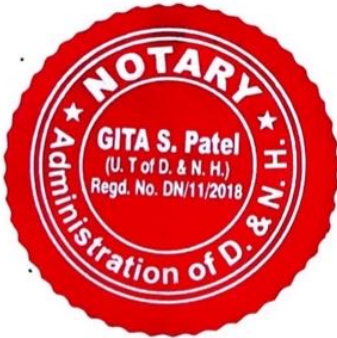
who is identified by Shri Hasmykh M.

Rohy, whom I personally know

SIGNED BEFORE ME

  
**GITA S. PATEL**  
B. A., LLB  
ADVOCATE & NOTARY  
Vachla Faliya, Kheradpada,  
U.T. of Dadra & Nagar Haveli  
Silvassa-396 230.

Book No. 17  
Page No. 32  
Serial No. 817  
Date: 22/11/2022  
Certificate of Practice  
Valid till 10-10-2023



**AFFIDAVIT**

**BEFORE HON'BLE JOINT ELECTRICITY REGULATORY COMMISSION FOR THE  
STATE OF GOA & UNION TERRITORIES**

File No. \_\_\_\_\_

Case No. \_\_\_\_\_

IN THE MATTER OF: Filing of Aggregate Revenue Requirement (ARR) for FY 2023-24 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, Union Territory of Dadra and Nagar Haveli and Daman and Diu (hereinafter referred to as "ED-DNH" or "The Petitioner" or "The Department")

..... Petitioner

I, Shri Harshad Mohanbhai Patel, son of Shri Mohanbhai Premabhai Patel (aged 59 years), (occupation) Government Service residing at Samarvani, Silvassa the deponent named above do hereby solemnly affirm and state on oath as under:

1. That the deponent is the Executive Engineer (Transmission), Electricity Department, Dadra and Nagar Haveli who is authorized as per the order of the Administration of Dadra & Nagar Haveli and Daman and Diu and is acquainted with the facts deposed as below.
2. I, the deponent name above do hereby verify that the contents of the accompanying petition are based on the records of the Electricity Department, Transmission Division, Union Territory of Dadra and Nagar Haveli and Daman and Diu maintained in the ordinary course of business and believed them to be true and I believe that no part of it is false and no material facts have been concealed therefrom.

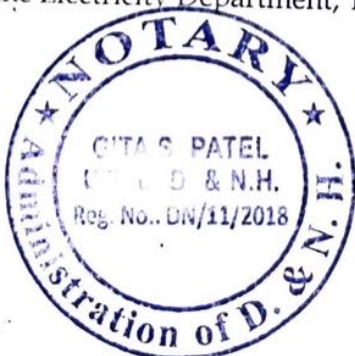
Details of enclosures:

Proposal. for Aggregate Revenue Requirement (ARR) for FY 2023-24 for determination of tariff.

As per The Joint Electricity Regulatory Commission for Goa & Union Territories (Conduct of Business) (Fifth Amendment) Regulations, 2019.

Petition fee - Rs. 20,00,000/- would paid through PFMS to JERC.

For the Electricity Department, Transmission Division, Union Territory of Dadra and Nagar Haveli and Daman and Diu



  
Petitioner

Place: Dadra & Nagar Haveli, Silvassa.

Truing up for FY 2021-22,

Review for FY 2022-23

AND

ARR for FY 2023-24

And

Tariff Proposal for FY 2023-24

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 2022

**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 FY 2023-24 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).

*Edy*

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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)**

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## Chapter 1: Introduction

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### 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 DNHDDPDCL which in turn supplies power to the end consumers across the state.
2. Development of transmission network to meet the growing needs of the DNHDDPDCL.
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 attributable to an approved change in scope of such project, change in statutory levies or force majeure events;

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- 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 2021-22, Review for FY 2022-23 and basis, assumptions and projections of individual elements constituting the determination of Aggregate Revenue Requirement for the FY 2023-24 and Tariff Proposal for the FY 2023-24.

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## 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, 2022 was 38.18 DC Kilo meters (DC Kms). The EHV lines in DC km existing at end of FY 2021-22 and their growth are shown in the table below:

**Table 1: Status of Transmission Assets - DC kms**

ASSETS	UNITS	FY 2021-22
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**

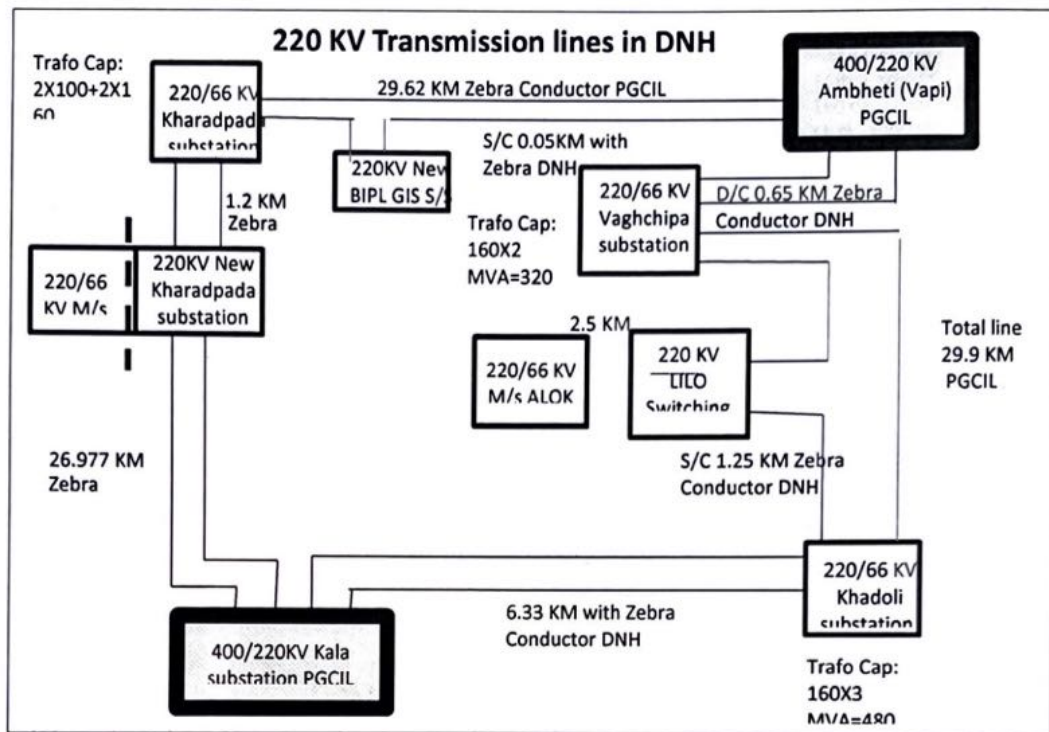
SR. NO.	SUB-STATION	CAPACITY	TOTAL
1	400 KV Ambheti-Vapi Sub-Station (CTU-Power Grid)	3 x 315 MVA	945 MVA
2	400 KV Kala Sub-Station (CTU-Power Grid)	2 x 315 + 1X500 MVA	1130 MVA
3	220 KV Kharadpada Sub-Station	2 x 100 + 2 x 160 MVA	520 MVA
4	220 KV Khadoli Sub-Station	3 x 160 MVA	480 MVA
5	220 / 66 KV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

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**



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## Chapter 3: True up for FY 2021-22

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### 3.1 Principles for True up for FY 2021-22

As per JERC MYT Regulations, 2018, the Hon'ble Commission shall undertake the True Up of licensee for FY 2021-22 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 2021-22. Information provided in the True Up for FY 2021-22 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 23<sup>rd</sup> March, 2021 and the revised parameters in the Tariff Order dated 31<sup>st</sup> March, 2022 for the FY 21-22.

Accordingly, revised Aggregate Revenue Requirement, revenue and gap for FY 2021-22 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

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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. 10.82 Crore and Rs. 7.30 Crore respectively vide Tariff Order dated 23<sup>rd</sup> March, 2021 and 31<sup>st</sup> March, 2022 respectively.

During FY 2021-22, Electricity Department, Transmission Division incurred actual O&M expense of Rs. 7.22 Crore which included Employee cost of Rs. 2.56 Crore, Repair & Maintenance charges of Rs. 2.61 Crore and Administration & General Expenses of Rs. 2.05 Crore as given in the Table below:

**Table 3: Operation & Maintenance Expenses for FY 2021-22**

(Rs. Crore)

Particulars	FY 2021-22		FY 2021-22
	Approved (23 <sup>rd</sup> March, 2021)	Approved (31 <sup>st</sup> March, 2022)	Actual
Employee Cost	4.28	2.89	2.56
R&M	3.34	3.28	2.61
A&G	3.20	1.13	2.05
O&M Expenses	10.82	7.30	7.22

It can be seen in the table given above that the Department has incurred less amount on O&M Expenses than the amount approved by the Hon'ble Commission vide its Tariff Order dated 31<sup>st</sup> March, 2022.

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 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 4: Depreciation**

Particulars	(Rs. Crore)		
	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 Approved (31st March, 2022)	FY 2021-22 Actual
Opening GFA	300.55	296.19	296.18
Addition during the year	3.00	0.00	1.80
Closing GFA	303.55	296.19	297.97
Average GFA	302.05	296.19	297.07
Depreciation during the year	15.63	15.32	15.14

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

### 3.4 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 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. 1.26 Crore. Assets amounting to Rs. 1.80 Crore were capitalized during 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 of 8.00%.

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

**Table 5: Interest and Finance Charges**

Particulars	(Rs. Crore)		
	FY 2021-22	FY 2021-22	FY 2021-22

	Approved (23rd March, 2021)	Approved (31st March, 2022)	Actual
Opening Loan	44.80	41.86	41.86
Loan for additional Capex (70:30 debt-equity)	2.10	0.00	1.26
Loan Repayment	15.63	15.32	15.14
Closing Loan	31.27	26.54	27.97
Interest Cost on Avg. Loans	3.04	2.74	2.79

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

### 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 9.00% (SBI base rate plus 200 basis points). The interest on working capital for FY 21-22 incurred by Electricity Department, Transmission Division is as shown below:

**Table 6: Interest on Working Capital**

(Rs. Crore)

Particulars	FY 2021-22	FY 2021-22	FY 2021-22
	Approved (23rd March, 2021)	Approved (31st March, 2022)	Actual
Receivables equivalent to 45 days of fixed cost	4.75	4.17	4.16

Particulars	FY 2021-22	FY 2021-22	FY 2021-22
	Approved (23rd March, 2021)	Approved (31st March, 2022)	Actual
Maintenance spares @15% of operation and maintenance expenses	1.62	1.09	1.08
Operation and maintenance expenses for one month	0.90	0.61	0.60
<b>Total Working Capital requirement</b>	<b>7.27</b>	<b>5.87</b>	<b>5.85</b>
<b>Interest on Working Capital</b>	<b>0.71</b>	<b>0.53</b>	<b>0.53</b>

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

### 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 2021-22 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 2021-22 in this Petition.

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

**Table 7: Return on Equity**

(Rs. Crore)

Particulars	FY 2021-22	FY 2021-22	FY 2021-22
	Approved (23rd March, 2021)	Approved (31st March, 2022)	Actual
Opening Equity	54.26	52.95	52.95
Addition in Equity on account of new capitalization (70:30 debt-equity)	0.90	0.00	0.54
Closing equity	55.16	52.95	53.49
Average Equity	54.71	52.95	53.22
<b>Return on Equity</b>	<b>8.48</b>	<b>8.21</b>	<b>8.25</b>

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

### 3.7 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:

**Table 8: Aggregate Revenue Requirement for FY 2021-22**

(Rs. Crore)

Particulars	FY 2021-22	FY 2021-22	FY 2021-22
	Approved (23rd March, 2021)	Approved (31st March, 2022)	Actual
O&M Expense	10.82	7.30	7.22
Depreciation	15.63	15.32	15.14
Interest Cost on Long-term Capital Loans	3.04	2.74	2.79
Interest on Working Capital Loans	0.71	0.53	0.53
Return on Equity	8.48	8.21	8.25
<b>Total</b>	<b>38.68</b>	<b>34.10</b>	<b>33.93</b>
<b>Less:</b>			
Non-Tariff Income	0.15	0.13	0.16
<b>Annual Revenue Requirement</b>	<b>38.53</b>	<b>33.97</b>	<b>33.77</b>

Particulars	FY 2021-22	FY 2021-22	FY 2021-22
	Approved (23rd March, 2021)	Approved (31st March, 2022)	Actual
Add: True up of previous years including carrying cost	13.19		
<b>Net Revenue Requirement</b>	<b>51.72</b>	<b>33.97</b>	<b>33.77</b>

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

### 3.8 Revenue for FY 2021-22

During the FY 21-22, Electricity Department, Transmission Division's actual revenue from approved tariff amounted to Rs. 51.26 Crore.

**Table 9: Revenue for FY 2021-22**

Tariff Determination	(Rs. Crore)		
	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 Approved (31st March, 2022)	FY 2021-22 Actual
Revenue @ Existing Tariff	51.73	51.73	51.26
<b>Total revenue</b>	<b>51.73</b>	<b>51.73</b>	<b>51.26</b>

### 3.9 Revenue (Gap)/Surplus for FY 2021-22

Electricity Department, Transmission Division has arrived at the trued-up Aggregate Revenue Requirement for FY 21-22 of Rs. 33.77 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 21-22 is computed at Rs. 17.49 Crore as depicted in the Table below:

**Table 10: Revenue (Gap)/Surplus for FY 2021-22**

Tariff Determination	(Rs. Crore)		
	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 Approved (31st March, 2022)	FY 2021-22 Actual
Aggregate revenue requirement (Rs. Crore.)	51.72	33.97	33.77
Total Revenue	51.73	51.73	51.26

Tariff Determination	FY 2021-22 Approved (23rd March, 2021)	FY 2021-22 Approved (31st March, 2022)	FY 2021-22 Actual
Revenue (Gap)/Surplus	0.01	17.76	17.49
Previous Years' (Gap)/Surplus Carried Over	-	-20.79	(20.79)
Holding Cost		-0.95	(0.13)
Total Revenue (Gap)/Surplus	-	(3.98)	(3.44)

Electricity Department, Transmission Division requests the Hon'ble Commission to consider the revenue surplus of Rs. 17.49 Crore for FY 21-22 arrived as part of truing up process.

## Chapter 4: Review for FY 2022-23

The review of aggregate revenue requirement for FY 22-23 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 22-23. 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 22-23 is shown in the following Table:

**Table 11: Operation & Maintenance Expenses for FY 2022-23**

Particulars	(Rs. Crore)	
	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 RE
Employee Cost	4.39	2.71
R&M	2.87	2.23
A&G	2.01	2.17
O&M Expenses	9.27	7.12

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

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## 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 22-23 and subsequently added the assets capitalized in FY 22-23.

Accordingly, the depreciation so arrived and approved depreciation for FY 22-23 are as shown below:

**Table 12: Depreciation**

Particulars	(Rs. Crore)	
	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 RE
Opening GFA	296.19	297.97
Addition during the year	0.00	0.75
Closing GFA	296.19	298.73
Average GFA	296.19	298.35
Depreciation during the year	15.32	15.43

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the depreciation for FY 22-23 without any deduction.

## 4.3 Interest and Finance Charges

For assessing interest on Loans in FY 22-23, Electricity Department, Transmission Division has considered the Opening Balance of Loans for FY 22-23 equal to the closing balance of loan for the FY 2021-22. The normative loan addition in FY 22-23 has been computed as 70% of the capitalization for FY 22-23 which works out to Rs. 0.53 Crore. Capitalization estimated for the FY 2022-23 is Rs. 0.75 Crore.

The repayment of loans has been considered equal to the depreciation during the FY 2022-23. 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 2022-23 computed by Electricity Department, Transmission Division is as shown below:

**Table 13: Interest and Finance Charges**

Particulars	(Rs. Crore)	
	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 RE
<b>Opening Loan</b>	26.54	27.97
Loan for additional Capex (70:30 debt-equity)	0.00	0.53
Loan Repayment	15.32	15.43
<b>Closing Loan</b>	11.22	13.07
<b>Interest Cost on Avg. Loans</b>	<b>1.51</b>	<b>1.64</b>

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the interest on loan computed for FY 22-23.

#### 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, 2021. 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 22-23 incurred by Electricity Department, Transmission Division against that approved by the Hon'ble Commission is as shown below:

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**Table 14: Interest on Working Capital for FY 2022-23**

(Rs. Crore)

Particulars	FY 2022-23	FY 2022-23
	Approved (31st March, 2022)	RE
Receivables equivalent to 45 days of fixed cost	4.29	4.05
Maintenance spares @15% of operation and maintenance expenses	1.39	1.07
Operation and maintenance expenses for one month	0.77	0.59
<b>Total Working Capital requirement</b>	<b>6.45</b>	<b>5.71</b>
<b>Interest on Working Capital</b>	<b>0.58</b>	<b>0.51</b>

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the interest on working capital computed for FY 22-23.

#### 4.5 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:

....."

A normative debt-equity ratio of 70:30 is considered on the assets capitalized during the FY 2022-23 as per the MYT regulations, 2021. 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 24, 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 2022-23 in this Petition.

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

**Table 15: Return on Equity**

(Rs. Crore)

Particulars	FY 2022-23	FY 2022-23
	Approved (31st March, 2022)	RE
Opening Equity	52.95	53.49
Addition in Equity on account of new capitalization (70:30 debt-equity)	0.00	0.23
Closing equity	52.95	53.72
Average Equity	52.95	53.60
<b>Return on Equity</b>	<b>8.21</b>	<b>8.31</b>

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the return on Equity computed for FY 22-23.

#### 4.6 Aggregate Revenue Requirement for FY 2022-23

Based on above expenses, the Table below summarizes Aggregate Revenue Requirement for FY 22-23 for Electricity Department, Transmission Division in comparison with values approved by the Hon'ble Commission in the Tariff Order dated 31<sup>st</sup> March, 2022:

**Table 16: Aggregate Revenue Requirement for FY 2022-23**

(Rs. Crore)

Particulars	FY 2022-23	FY 2022-23
	Approved (31st March, 2022)	RE
O&M Expense	9.27	7.12
Depreciation	15.32	15.43
Interest Cost on Long-term Capital Loans	1.51	1.64
Interest on Working Capital Loans	0.58	0.51
Return on Equity	8.21	8.31
<b>Total</b>	<b>34.89</b>	<b>33.02</b>
<b>Less:</b>		
Non-Tariff Income	0.13	0.15
<b>Annual Revenue Requirement</b>	<b>34.76</b>	<b>32.87</b>
Add: True up of previous years including carrying cost	3.96	

Particulars	FY 2022-23	FY 2022-23
	Approved (31st March, 2022)	RE
Net Revenue Requirement	38.72	32.87

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

#### 4.7 Revenue for FY 2022-23

During the FY 22-23, it is estimated that Electricity Department, Transmission Division's revenue from approved tariff will be Rs. 38.72 Crore.

Table 17: Revenue for FY 2022-23

Tariff Determination	(Rs. Crore)	
	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 RE
Revenue @ Existing Tariff	38.72	38.72
<b>Total revenue</b>	<b>38.72</b>	<b>38.72</b>

#### 4.8 Revenue (Gap)/Surplus for FY 2022-23

As part of the review of FY 2022-23 Electricity Department, Transmission Division has arrived at the Aggregate Revenue Requirement of Rs. 32.87 Crore.

This revised Aggregate Revenue Requirement is compared against the income with existing tariff. Accordingly, total revenue surplus of Electricity Department, Transmission Division for FY22-23 is computed at Rs. 5.85 Crore as depicted in the Table below:

Table 18: Revenue (Gap)/Surplus for FY 2022-23

Tariff Determination	(Rs. Crore)	
	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 RE
Aggregate revenue requirement (Rs. Crore.)	38.72	32.87
Total Revenue	38.72	38.72
Revenue (Gap)/Surplus	-	5.85

Electricity Department, Transmission Division requests the Hon'ble Commission to consider the revenue surplus of Rs. 5.85 Crore for FY 22-23 arrived as part of the review process.

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## Chapter 5: ARR for the FY 2023-24

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Electricity Department, Transmission Division is submitting its ARR for the FY 2023-24 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 FY 2023-24.

The following sections explain in detail the basis and forecasts of the following elements for FY 2023-24:

- 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 23-24 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 21-22 was Rs. 9.40 Crores. The methodology adopted by Electricity Department, Transmission Division for projecting the values of each component of the O&M expense for the FY 2023-24 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 22-23 for forecasting the employee expenses for FY 22-23.

Based on the various expense head related to employee booked during six months of FY 22-23, Electricity Department, Transmission Division has estimated the total employee cost for full year of FY 22-23 as Rs. 2.71 Crores. Salary expenses for the FY 2023-24 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 6.18%.

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<sub>n</sub> - Employee expenses of the Distribution Licensee for the nth Year;



G<sub>n</sub> is a growth factor for the nth Year. Value of G<sub>n</sub> 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 6.18%. Total employee cost of Electricity Department, Transmission Division for the FY 2023-24 is as given in the table below:

**Table 19: Projected Employee Expense for the FY 2023-24**

Particular	(Rs. Crore)	
	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 RE
Employee Expenses	4.65	2.88

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 21-22 for Electricity Department, Transmission Division was Rs. 2.61 Crore. The revised estimate of R&M expense for FY 22-23 has been estimated at Rs. 2.23 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<sub>n</sub> - 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<sub>inflation</sub> - 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 1.99%. Total repair & maintenance cost of Electricity Department, Transmission Division for the FY 2023-24 is summarized in the table below:

**Table 20: Projected Repairs & Maintenance Expense for the FY 2023-24**

Particular	(Rs. Crore)	
	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Projected
R&M Expenses	2.87	2.24

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 21-22 was Rs. 2.05 Crore. Further, Electricity Department, Transmission Division has estimated the A&G expense of Rs. 2.17 Crore for FY 22-23.

For projecting the A&G expenses for the FY 2023-24 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<sub>n</sub> - Administrative and General expenses of the Distribution Licensee for the nth Year;

CPI<sub>inflation</sub> - 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 FY 2023-24 is summarized in the Table below:

**Table 21: Projected A&G Expenses for the FY 2023-24**

Particular	(Rs. Crore)	
	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 RE
A&G Expenses	2.14	2.31

Electricity Department, Transmission Division, therefore, requests the Hon'ble Commission to approve the A&G expenses projected for the FY 2023-24.

### 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 FY 2023-24 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 22: Total O&M Expense for the FY 2023-24**

Particulars	(Rs. Crore)	
	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Projected
Employee Cost	4.65	2.88
R&M	2.87	2.24
A&G	2.14	2.31
O&M Expenses	9.66	7.43

### 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 FY 2023-24 given in the table below:

**Table 23: Capital Expenditure for the FY 2023-24**

(Rs. Crore)

Sr.No.	Name of Scheme	Total Estimated amount	Proposed Expenditure	
			2022-23	2023-24
1	Augmentation of 220/66KV Vaghchipa sub-station from 2x160MV A to 3x160MVA with associates 220KV bay and 66KV Bay in the UT of DNH and DD.	27.90	0.00	5.00
2	Supply erection, testing and commissioning of HVW & Fire Hydrant system at 220/66 KV kharadpada sub-station.	0.54	0.54	0.00
3	Supply erection, testing and commissioning of 110 volt DC & 220 volt DC Battery set at 220/66 KV Kharadpada substation, 220 KV Sayali switching station.	0.29	0.29	0.00
4	Supply erection, testing and commissioning of numerical relay of ABB and Alstom make at Sayali LILO switching station.	0.45	0.21	0.24
5	Supply installation testing and commissioning of OPGW 24F cable along with hard ware & accessories for replacement existing earth wire of 220 KV Kala to Khadoli to New Kharadpada sub-station for real time SCADA data availability at SLDC-DNH.	1.64	0.64	1.00
<b>Total</b>		<b>30.82</b>	<b>1.68</b>	<b>6.24</b>

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 FY 2023-24 is summarized in Table below:

**Table 24: Capital Expenditure & Capitalization for the FY 2023-24**

(Rs. Crore)

Sr. No.	Particulars	Proposed Capital Expenditure and Capitalization	
		2022-23	2023-24
1	Capital Expenditure	1.68	6.24
2	Capitalization	0.83	2.09

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 21-22 was Rs. 296.18 Crore and the asset addition during the FY 2021-22 was Rs. 1.80 Crore. Thus, the closing GFA of FY 2021-22 was Rs. 297.97 Crore.

Assets amounting to Rs. 0.83 Crore have been estimated to be added in the GFA during FY 22-23.

Similarly, based on the capital expenditure plan as detailed above, Rs. 2.09 Crore is proposed to be capitalized during the FY 2023-24.

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

**Table 25: Opening and Closing GFA proposed during the FY 2023-24**

(Rs. Crore)

Particulars	Opening GFA	Additions during the Year	Closing GFA
FY 2023-24 (Approved)	296.18	6.00	302.18
FY 2023-24 (Projected)	298.80	2.09	300.89

### 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.

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Depreciation for the for the FY 2023-24 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 FY 2023-24. The Table below summarizes the asset-wise depreciation considered computed by Electricity Department, Transmission Division:

**Table 26: Depreciation**

(Rs. Crore)

Particulars	FY 2023-24	FY 2023-24
	Approved (31st March, 2022)	Projected
Opening GFA	296.18	298.80
Addition during the year	6.00	2.09
Closing GFA	302.19	300.89
Average GFA	299.19	299.85
Depreciation during the year	15.48	15.51

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 FY 2023-24 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 FY 2023-24 is summarized in Table below:

**Table 27: Total Interest on Long-term Loans**

(Rs. Crore)

Particulars	FY 2023-24	FY 2023-24
	Approved (31st March, 2022)	Projected
Opening Loan	11.22	13.12
Loan for additional Capex (70:30 debt-equity)	4.20	1.46
Loan Repayment	15.48	15.51
Closing Loan	0.00	-0.93
Interest Cost on Avg. Loans	0.45	0.49

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 FY 2023-24 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 FY 2023-24 considering the above methodology is summarized in the Table below:

**Table 28: Interest on Working Capital for the FY 2023-24**

Particulars	(Rs. Crore)	
	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Projected
Receivables equivalent to 45 days of fixed cost	4.24	3.96



Particulars	FY 2023-24	FY 2023-24
	Approved (31st March, 2022)	Projected
Maintenance spares @15% of operation and maintenance expenses	1.45	1.11
Operation and maintenance expenses for one month	0.80	0.62
<b>Total Working Capital requirement</b>	<b>6.49</b>	<b>5.70</b>
<b>Interest on Working Capital</b>	<b>0.58</b>	<b>0.51</b>

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 2023-24 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 FY 2023-24 in this Petition.

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

**Table 29: Return on Equity for the FY 2023-24**

Particulars	(Rs. Crore)	
	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Projected
Opening Equity	52.95	53.74
Addition in Equity on account of new capitalization (70:30 debt-equity)	1.80	0.63
Closing equity	54.75	54.36
Average Equity	53.85	54.05
<b>Return on Equity</b>	<b>8.35</b>	<b>8.38</b>

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 22-23, 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 22-23 (revised estimate) to project the non-tariff income for the FY 2023-24.

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

**Table 30: Non-tariff Income for the FY 2023-24**

Particulars	(Rs. Crore)	
	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Projected
<b>Non tariff Income</b>	<b>0.13</b>	<b>0.16</b>

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 FY 2023-24.

**Table 31: Aggregate Revenue Requirement for the FY 2023-24**

Particulars	(Rs. Crore)	
	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Projected
O&M Expense	9.66	7.43
Depreciation	15.48	15.51
Interest Cost on Long-term Capital Loans	0.45	0.49
Interest on Working Capital Loans	0.58	0.51
Return on Equity	8.35	8.38
<b>Total</b>	<b>34.52</b>	<b>32.31</b>
<b>Less:</b>		
Non-Tariff Income	0.13	0.16
<b>Annual Revenue Requirement</b>	<b>34.39</b>	<b>32.16</b>

### 5.9 Coverage of Revenue Gap

Table 31 summarizes the ARR for Transmission Division, Electricity Department for FY 2021-22, FY 2022-23 and FY 2023-24 along with the revenue and the resulting revenue (gap)/surplus. The cumulative gap for the three years is Rs. 29.64 Crore as given in the table below.

**Table 32: Revenue Gap for the FY 2023-24**

Sr. No.	Particulars	(Rs. Crore)		
		2021-22 Actual	2022-23 Revised Estimates	2023-24 Projected
1	Total ARR	33.77	32.86	32.16
2	Revenue @ Existing Tariff	51.26	38.72	0.00
3	Total Revenue	51.26	38.72	0.00
4	Revenue (Gap) /Surplus(3-1)	17.49	5.86	(32.16)
	<b>Covered By</b>			
5	Previous Years' (Gap)/Surplus Carried Over	(20.79)	(3.44)	2.52
6	Total (Gap)/Surplus (4+5)	(3.30)	2.42	(29.64)
7	Carrying Cost	(0.13)	0.10	
8	Total (Gap)/Surplus (4+5)	(3.44)	2.52	(29.64)

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.

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*Ruly*

## 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 33: Transmission Capacity of the Transmission system**

Tariff Determination	FY 22-23	FY 23-24
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 34: Determination of Transmission Tariff**

Tariff Determination	FY 23-24
Aggregate revenue requirement (Rs. Crore)	29.64
Transmission Capacity (MW)	1294
Energy Required at periphery	7570.94
Long/Medium Term Transmission charges (Rs./MW/Month)	19093.73

Tariff Determination	FY 23-24
Short Term Open Access Transmission charges (Rs./MW/Day)	636.46

The tariff in terms of Rs. per unit has been computed by considering the energy estimated to be received by the DNHDDPDCL during the FY 2023-24 from various generating stations. The computation of the same has been given in the table below:

**Table 35: Determination of Transmission Tariff (Rs. /unit)**

Tariff Determination	FY 23-24
Aggregate revenue requirement (Rs. Crore.)	29.64
Energy required at periphery (MUs)	7570.94
Transmission charges (Rs./unit)	0.04

## Chapter 7: Directives

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The Hon'ble Commission vide Tariff Order dated 23<sup>rd</sup> 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:**

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.

**Commission's direction:**

The Commission reiterates its directions to segregate the accounts of SLDC business and transmission business and directs the petitioner to confirm the segregation of accounts of SLDC within 60 days from the issuance of this Order. The Commission further directs the petitioner to file separate ARR Petition for SLDC and transmission business separately while filing tariff petition for FY 2023-24.

**Petitioner's Submission:**

The ED-DNH would like to submit that the SLDC of both the regions i.e. Dadra and Nagar Haveli and Daman and Diu have been merged and head office has been located at Silvassa. Further, a sub SLDC has been formed at Daman. Further, complete segregation of accounts of SLDC in both Silvassa and Daman is yet to be done.

**Directive 2: Intra State Load Flow Study.****Commission's direction:**

The Commission directs the Petitioner to conduct a fresh Intra State Load Flow Study to assess if there is any further need for 220 kV network augmentation and submit a compliance report for Commission's consideration along with ARR and Tariff petition for FY 2023-24

**Petitioner's Submission:**

The ED-DNH would like to submit that the merger of the transmission departments in Daman and Silvassa will be done. Post the merger, Intra State

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Load Flow Study shall be submitted to the Hon'ble Commission for the whole utility.

**Directive 3: Energy Audit.**

The Commission directs the Petitioner to conduct the Energy Audit of DNH-T to assess the actual transmission losses in DNH-T system and submit the report as part of ARR and Tariff petition for FY 2023-24.

**Petitioner's Submission:**

The ED-DNH would like to submit that the merger of transmission departments in Daman and Silvassa will be done. Post the merger, Department will conduct the study for the whole utility and submit the report to the Hon'ble Commission.

## Prayer

1. ED-DNH requests the Honorable Commission to:

- Admit and approve the Aggregate Revenue Requirement for the FY 2023-24 and revised estimates for the FY 2022-23 as submitted herewith.
- Admit and approve the True up for the FY 2021-22 as submitted herewith.
- Approve the tariff proposal for the FY 2023-24 and make the proposed Transmission Tariffs applicable from April 1, 2023.
- 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**



**PETITIONER**

**Electricity Department, Transmission Division**

**Dadra and Nagar Haveli**

**UT of Dadra and Nagar Haveli and Daman and Diu**

**Silvassa**

**Dated: 22-11-2022.**

# FORMATS

Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
Investment Plan (year-wise)

Project Details			SOURCE OF FINANCING FOR SCHEME									
1	2	3	4	5	6	7	Equity component			10	11	12
Name of scheme	Year of Start	Nature of Project (Select appropriate code from below)	Approved by the Commission* (YES/NO)	Project Start Date (DD-MM-YY)	Project Completion date (DD-MM-YY)	Total capital expenditure approved by JERC (Rs. Cr.)	Internal Accrual (from free reserves and surplus)	Equity infused**	Capital Subsidies / grants component	Consumer Contribution	Actual Expenditure	
Augmentation of 220/66KV Vaighchipla sub-station from 2x160MVA to 3x160MVA with associates 220KV bay and 66KV Bay in the UT of DNH and DD.	FY 2023-24	a	Yes	FY 2023-24					Government funds			
Supply erection, testing and commissioning of HVW & Fire Hydrant system at 220/66 KV Kharadpada sub-station.	FY 2022-23	a	No	FY 2022-23					Government Funds			
Supply erection, testing and commissioning of 110 volt DC & 220 volt DC Battery set at 220/66 KV Kharadpada substation, 220 KV Sayali switching station.	FY 2022-23	a	No	FY 2022-23					Government funds			
Supply erection, testing and commissioning of numerical relay of ABB and Alatom make at Sayali LIL0 switching station.	FY 2022-23	f	No	FY 2022-23					Government funds			
Supply installation testing and commissioning of OPGW 24F cable along with hard ware & accessories for replacement existing earth wire of 220 KV Kala to Khadoli to New Kharadpada sub-station for real time SCADA data availability at SLDC-DNH.	FY 2022-23	a	Yes	FY 2022-23					Government funds			

Notes:  
\* Support with appropriate paper work i.e. Detailed Project Reports and other documents, as necessary  
\*\* Provide break up of Government and Licensee/Private share

Codes for selecting Nature of work

- a. EHV Schemes
- b. Distribution schemes
- i. System augmentation
- ii. System improvement
- iii. Schemes for loss reduction
- c. Metering schemes
- d. Capacitor
- e. SCADA / DMS etc
- f. Miscellaneous

*Reply.*

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Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
Capital Base and Return

(all figures in Crore)

Sr.No.	Category of Consumer	Previous Year FY 2021-22 (Actual)	Current Year FY 2022-23 (RE)	Ensuing Year FY 2023-24 (Projections)
1	2	3	4	5
1	Gross block at beginning of the year	296.18	297.97	298.80
2	Less accumulated depreciation	141.81	157.24	172.76
3	Net block at beginning of the year	154.37	140.73	126.05
4	Less accumulated consumer contribution	0.00	0.00	0.00
5	Net fixed assets at beginning of the year	154.37	140.73	126.05
6	Reasonable return @3% of NFA	4.63	4.22	3.78

Ruly.

Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
Original Cost of Fixed Assets

(Rs. Crores)

Sr.No.	Particulars Name of the Assets	Value of assets at the beginning of previous year	Addition during the FY2021-22	Closing balance at the end of FY 2021-22	Addition during the FY2022-23	Closing balance at the end of FY 2022-23	Addition during FY 2023-24	Closing balance at the end of FY 2023-24
1	2	3	4	5	6	7	8	9
1	Plant & Machinery	288.39	1.80	290.19	0.83	291.02	2.09	293.11
2	Buildings	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
4	Furniture & Fixtures	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
6	Land	5.21	0.00	5.21	0.00	5.21	0.00	5.21
7	<b>Total</b>	<b>296.18</b>	<b>1.80</b>	<b>297.97</b>	<b>0.83</b>	<b>298.80</b>	<b>2.09</b>	<b>300.89</b>

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**Electricity Department of Dadra & Nagar Haveli**  
**ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24**  
**Works-in-Progress**

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2021-22 (Actual)	Current Year FY 2022-23 (RE)	Ensuing Year FY 2023-24 (Projections)
1	2	3	4	5
1	Opening balance	0.00	0.00	0.85
2	Add: New investments	1.80	1.68	6.24
3	Total	1.80	1.68	7.09
4	Less investment capitalized	1.80	0.83	2.09
5	Closing balance	0.00	0.85	5.00

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**Electricity Department of Dadra & Nagar Haveli**  
**ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24**  
**Interest Capitalized**

(Rs. in crores)

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

*Julip,*



Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
Details of loans for the year

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

Electricity Department of Dadra & Nagar Haveli  
**ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24**  
 Information regarding restructuring of outstanding loans during the year

(Rs. Crores)

Sr.No.	Source of Loan	Amount of original loan (Rs. in crores)	Old rate of interest	Amount already restructured (Rs. in crores)	Revised rate of interest	Amount now being restructured (Rs. in crores)	New rate of interest
1	2	3	6	7	8	9	10

N/A

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Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
Value of Assets and Depreciation Charges

Sr.No.	Particulars Name of the Assets	Rate of depreciation on*	Previous Year		Current Year		Ensuing Year	
			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
1	Plant & Machinery	5.28%	288.39	15.05	290.19	15.34	291.02	15.42
2	Buildings	3.34%	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
4	Furniture & Fixtures	6.33%	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
6	Land	0.00%	5.21	0.00	5.21	0.00	5.21	0.00
7	<b>Total</b>		<b>296.18</b>	<b>15.14</b>	<b>297.97</b>	<b>15.43</b>	<b>298.80</b>	<b>15.51</b>

*Edy*

**Electricity Department of Dadra & Nagar Haveli**  
**ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24**  
**Calculation of Advance Against Depreciation**

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2021-22 (Actual)	Current Year FY 2022-23 (RE)	Ensuing Year FY 2023-24 (Projections)
1	2	3	4	5
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)			



Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
Repair and Maintenance Expenses

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2021-22 (Actual)	Current Year FY 2022-23 (RE)	Ensuing Year FY 2023-24 (Projections)
1	2	3	4	5
1	Plant & machinery			
	-Plant & Apparatus			
	-EHV substations			
	- 33kV substation			
	- 11kV substation			
	- Switchgear and cable connections			
	- Others			
	<b>Total</b>			
2	Building			
3	Hydraulic works & civil works			
4	Line cable & network			
	-EHV Lines			
	- 33kV lines			
	- 11kV lines			
	- LT Lines			
	- Meters and metering equipment			
	- Others			
	<b>Total</b>			
5	Vehicles			
6	Furniture & fixtures			
7	Office equipments			
8	Operating expenses			
9	<b>Total</b>			
10	Add/Deduct share of others (To be specified)			
11	<b>Total expenses</b>			
12	Less capitalized			
13	<b>Net expenses</b>			
14	Add prior period *			
15	<b>Total expenses charged to revenue as R&amp;M expenses</b>		2.61	2.23
				2.24

**Electricity Department of Dadra & Nagar Haveli**  
**ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24**  
**Total Number of Employees**

(Rs. in crores)

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



Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
Employee Cost

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(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2021-22 (Actual)	Current Year FY 2022-23 (RE)	Ensuing Year FY 2023-24 (Projections)
1	2	3	4	5
1	Basic Pay	1.32	1.40	1.49
2	Bonus	0.02	0.02	0.02
3	Children Education Allowances	0.02	0.02	0.02
4	Dearness Allowances	0.80	0.85	0.91
5	Grade Pay	0.23	0.24	0.26
6	HELPER ALLOWANCE	0.00	0.00	0.00
7	House Rent Allowances	0.05	0.05	0.05
8	Leave Encashment	0.02	0.03	0.03
9	Medical Expenses	0.00	0.00	0.00
10	Retirement Benefits	0.01	0.01	0.02
11	Transport Allowance	0.07	0.08	0.08
12	Travelling Exp (Employees)	0.01	0.01	0.01
13	Tuition Fees	0.00	0.00	0.00
14	Washing Allowances	0.00	0.00	0.00
15	<b>Total</b>	<b>2.56</b>	<b>2.71</b>	<b>2.88</b>

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Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
Administration and General Expenses

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2021-22 (Actual)	Current Year FY 2022-23 (RE)	Ensuing Year FY 2023-24 (Projections)
1	2	3	4	5
1	Advertisement Exp	0.01	0.01	0.01
2	Office Exp	0.02	0.02	0.02
3	Electricity Charges	0.00	0.00	0.00
4	Lawyer Charges	0.00	0.00	0.00
5	Consultancy Fees	0.01	0.01	0.01
6	Hire Charges	0.05	0.05	0.05
7	ARR Petition Charges	0.25	0.27	0.28
8	AMC SLDC	0.90	0.96	1.02
9	Cyber Security Charges - SLDC	0.07	0.07	0.07
10	Internet charges	0.00	0.00	0.00
11	SLDC charges	0.75	0.79	0.84
12	<b>Grand Total</b>	<b>2.05</b>	<b>2.17</b>	<b>2.31</b>





Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
Information regarding Bad and Doubtful Debts

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

Electricity Department of Dadra & Nagar Haveli  
**ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24**  
 Information regarding Working Capital for the current and ensuing year

Sr.No.	Particulars	Amount (in Crores Rs.)		
		Previous Year FY 2021-22 (Actual)	Current Year FY 2022-23 (RE)	Ensuing Year FY 2023-24 (Projections)
1	2	3	4	5
1	Receivables equivalent to two months of fixed cost	4.16	4.05	3.96
2	Maintenance spares @15% of operation and maintenance expenses	1.08	1.07	1.11
3	Operation and maintenance expenses for one month	0.60	0.59	0.62
4	<b>Total working Capital requirement</b>	<b>5.85</b>	<b>5.71</b>	<b>5.70</b>

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**Electricity Department of Dadra & Nagar Haveli**  
**ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24**  
**Information regarding Foreign Exchange Rate Variation (FERV)**

(Rs. in crores)

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

Format-21

Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
Non Tariff Income

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2021-22 (Actual)	Current Year FY 2022-23 (RE)	Ensuing Year FY 2023-24 (Projections)
1	2	3	4	5
1	House Rent Recovery	0.00	0.00	0.00
2	Interest Income	0.00	0.00	0.00
3	Discount received	0.00	0.00	0.00
4	STOA Income	0.07	0.08	0.08
5	O&M of PGCIL assets	0.08	0.09	0.09
6	<b>Total non tariff income</b>	<b>0.16</b>	<b>0.16</b>	<b>0.17</b>

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Electricity Department of Dadra & Nagar Havell  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
Information regarding Revenue from Other Business

(Rs. in crores)

Sr.No.	Particulars	Previous Year FY 2021-22 (Actual)	Current Year FY 2022-23 (RE)	Ensuing Year FY2023-24 (Projections)
1	2	3	4	5
1	Total revenue from other business			
2	Income from other business to be considered for licensed business as per regulations		<i>Not Applicable</i>	



Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
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						



Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24  
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 2022 (Actual)	52.95	41.86	1.26
2	As on March31 of FY 2023 (RE)	53.49	27.97	1.91
3	As on March 31 of FY 2024 (Projected)	53.74	13.12	4.10



**Electricity Department of Dadra & Nagar Haveli**  
**ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24**  
**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





**Electricity Department of Dadra & Nagar Haveli**  
**ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24**

(Rs. in crores)  
 FY 2021-22

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	4.28	2.89	2.89	2.56
4	R&M expenses	2.62	2.12	3.28	2.61
5	Administration and General expenses	2.30	1.68	1.13	2.05
6	Depreciation	15.63	15.32	15.32	15.14
7	Interest charges	3.17	2.74	2.74	2.79
8	Interest on Working Capital Loans	0.81	0.51	0.53	0.53
9	Return on NFA / Equity	8.48	8.21	8.21	8.25
10	<b>Total revenue requirement</b>	<b>37.29</b>	<b>33.47</b>	<b>34.10</b>	<b>33.93</b>
11	Less: non tariff income	0.07	0.13	0.13	0.16
12	<b>Net revenue requirement (10-11)</b>	<b>37.22</b>	<b>33.34</b>	<b>33.97</b>	<b>33.77</b>

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**Electricity Department of Dadra & Nagar Haveli  
ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24**

*(Rs. in crores)*  
FY 2022-23

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	3.06	4.39	2.71
4	R&M expenses	2.12	2.87	2.23
5	Administration and General expenses	1.78	2.01	2.17
6	Depreciation	15.48	15.32	15.43
7	Interest charges	1.67	1.51	1.64
8	Interest on Working Capital Loans	0.51	0.58	0.51
9	Return on NFA / Equity	8.35	8.21	8.31
10	<b>Total revenue requirement</b>	<b>32.97</b>	<b>34.89</b>	<b>33.02</b>
11	Less: non tariff income	0.73	0.13	0.15
12	<b>Net revenue requirement (10-11)</b>	<b>32.24</b>	<b>34.76</b>	<b>32.87</b>

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**Electricity Department of Dadra & Nagar Haveli**  
**ANNUAL REVENUE REQUIREMENT FOR THE FY 2023-24**

(Rs. in crores)  
FY 2023-24

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	3.25	4.65	2.88
4	R&M expenses	2.16	2.87	2.24
5	Administration and General expenses	1.89	2.14	2.31
6	Depreciation	15.95	15.48	15.51
7	Interest charges	0.92	0.45	0.49
8	Interest on Working Capital Loans	0.52	0.58	0.51
9	Return on NFA / Equity	8.77	8.35	8.38
10	<b>Total revenue requirement</b>	<b>33.46</b>	<b>34.52</b>	<b>32.31</b>
11	Less: non tariff income	0.13	0.13	0.16
12	<b>Net revenue requirement (10-11)</b>	<b>33.33</b>	<b>34.39</b>	<b>32.16</b>

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# **ANNEXURE-I**

FROM,

DNH ELECTRICITY - TRANSMISSION DEPT

VIDYUT BHAVAN,

NEAR SECRETARIAT, AMILI,

SILVASSA,,

DADRA & NAGAR HAVELI - 396230

DATE:- 12.11.2022

To,  
P. GHORELA & CO.,  
CHARTERED ACCOUNTANTS,  
SHOP NO 21, ANAND APARTMENT,  
NEAR HOTEL PAPILLON,  
VAPI - 396 195

Dear Sir,

**Sub. : Representation letter for accounting for F.Y 2021-2022 & 01.04.2022 to 30.09.2022**

This representation letter is provided in connection with your accounting for the financial year 2021-2022 & 01.04.2022 to 30.09.2022

**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



**Electricity Department (Transmission Division)**

4th Floor, VIDYUT BHAWAN,

Near SECRETERIAT,

SILVASSA - Dadra & Nagar Haveli

**Balance Sheet as at 31-Mar-2022**

Particulars		Note No.	As at 31-Mar-2022	As at 31-Mar-2021
			Amount in Rs.	Amount in Rs.
<b>I.</b>	<b>EQUITY AND LIABILITIES</b>			
<b>1</b>	<b>Shareholders' Funds</b>			
	(a) Share Capital		-	-
	(b) Reserves and Surplus	1	4,041,243,548	4,185,839,533
	(c) Money Received Against Share Warrants		-	-
	<b>Total</b>		<b>4,041,243,548</b>	<b>4,185,839,533</b>
<b>2</b>	<b>Share Application money pending allotment</b>			
<b>3</b>	<b>Non-Current Liabilities</b>			
	(a) Long-Term Borrowings		-	-
	(b) Deferred Tax Liabilities (Net)		-	-
	(c) Other Long-Term Liabilities		-	-
	(d) Long-Term Provisions		-	-
	<b>Total</b>		<b>-</b>	<b>-</b>
<b>4</b>	<b>Current Liabilities</b>			
	(a) Short-Term Borrowings			
	(b) Trade Payables	2	25,047,636	6,261,361
	(c) Other Current Liabilities	3	1,857,472	1,019,823
	(d) Short-Term Provisions	4	128,707	60,191
	<b>Total</b>		<b>27,033,815</b>	<b>7,341,375</b>
	<b>Grand Total</b>		<b>4,068,277,363</b>	<b>4,193,180,907</b>
<b>II.</b>	<b>ASSETS</b>			
<b>1</b>	<b>Non-Current Assets</b>			
	(a) Fixed Assets	5	1,561,707,030	1,695,175,450
	(b) Non-Current Investments		-	-
	(c) Deferred Tax Assets (Net)		-	-
	(d) Long-Term Loans and Advances		-	-
	(e) Other Non-Current Assets		-	-
	<b>Total</b>		<b>1,561,707,030</b>	<b>1,695,175,450</b>
<b>2</b>	<b>Current Assets</b>			
	(a) Current Investments		-	-
	(b) Inventories		-	-
	(c) Trade receivables	6	43,172,347	34,607,471
	(d) Cash and Cash Equivalents		-	-
	(e) Short-Term Loans and Advances	7	128,379,527	128,379,527
	(f) Other Current Assets	8	16,854,415	16,854,415
	<b>Total</b>		<b>188,406,289</b>	<b>179,841,413</b>
<b>3</b>	<b>Misc Expense (Assets)</b>	9	2,318,164,044	2,318,164,044
	<b>Grand Total</b>		<b>4,068,277,363</b>	<b>4,193,180,907</b>
	<b>Significant Accounting policies &amp; Notes to Financial statements</b>	1--12		

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As per our report of even date

**For, J V P G & ASSOCIATES**

Chartered Accountants

**For, Electricity Department, D&NH.**

**Pennam Ghorela**

(Partner)

Firm Registration Number - 156472W

M.N. 153544

UDIN : 22153544BEDWXL6348

Place: Vapi

Date: 22.11.2022



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**Electricity Department (Transmission Division)**

4th Floor, VIDYUT BHAWAN,

Near SECRETERIAT,

SILVASSA - Dadra &amp; Nagar Haveli

**Statement of Profit and Loss for the year ending** on In (Rupees) In (Rupees)  
**31-Mar-2022**

	Particulars	Note No.	For year ending on 31-Mar-2022	For year ending on 31-Mar-2021
<b>I</b>	Revenue from Operations	10	514,168,948	413,834,870
<b>II</b>	Other Income		-	-
<b>III</b>	<b>TOTAL REVENUE (I + II)</b>		<b>514,168,948</b>	<b>413,834,870</b>
<b>IV</b>	<b>EXPENSES</b>			
	Rebate		-	-
	Changes in Inventories		-	-
	Employee Benefit Expenses	11	33,010,163	27,269,048
	Finance Costs		-	-
	Depreciation and Amortization Expenses		151,433,748	153,221,447
	Other Expenses	12	46,617,109	29,967,206
	<b>TOTAL EXPENSES</b>		<b>231,061,020</b>	<b>210,457,701</b>
<b>V</b>	<b>Profit before Exceptional and Extraordinary Items</b>		<b>283,107,928</b>	<b>203,377,169</b>
<b>VI</b>	Exceptional Items		-	-
<b>VII</b>	<b>Profit before Extraordinary Items and Tax</b>		<b>283,107,928</b>	<b>203,377,169</b>
<b>VIII</b>	<b>Extraordinary Items</b>			
	Government Grant		-	-
<b>IX</b>	<b>Profit Before Tax</b>		<b>283,107,928</b>	<b>203,377,169</b>
<b>X</b>	<b>Tax Expense</b>			
	Current Tax		-	-
	Deferred Tax		-	-
	Income Tax of last years(short provision)		-	-
<b>XI</b>	<b>Profit/(Loss) for the period from Continuing Operations</b>		<b>283,107,928</b>	<b>203,377,169</b>
<b>XII</b>	Profit/(Loss) from Discontinuing Operations		-	-
<b>XIII</b>	Tax Expense of Discontinuing Operations		-	-
<b>XIV</b>	<b>Profit/(Loss) from Discontinuing Operations (net)</b>		<b>-</b>	<b>-</b>
<b>XV</b>	<b>Profit(Loss) for the Period(XI+XIV)</b>		<b>283,107,928</b>	<b>203,377,169</b>
<b>XVI</b>	<b>Earnings per Equity Share</b>			
	-Basic		-	-
	-Diluted		-	-
	<b>Significant Accounting policies &amp; Notes to Financial statements</b>	1--12	-	-

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

**For, Electricity Department, D&NH.**

*Poonam Ghorela*  
**Poonam Ghorela**

(Partner)

Firm Registration Number - 156472W2W

M.N. 153544

UDIN : 22153544BEDWXL6348

Place: Vapi

Date: 22.11.2022



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**Electricity Department (Transmission Division)****1 . Reserves and Surplus**

In (Rupees)

Particulars	as at 31-Mar-2022	as at 31-Mar-2021
<b>Corpus Fund (Contribution from Government)</b>		
Opening balance	3,601,062,888	3,963,035,807
(+) Addition during the year	-	-
(-) Transfer during the year	427,703,913	361,972,919
Closing balance	3,173,358,975	3,601,062,888
<b>Reserve for Doubtful Debts</b>		
Opening balance	-	-
(+) Addition during the year	-	-
(-) Transfer during the year	-	-
Closing balance	-	-
<b>Grants &amp; Subsidies</b>		
Opening balance	-	-
(+) Addition during the year	-	-
(-) Transfer during the year	-	-
Closing balance	-	-
<b>Surplus</b>		
Opening balance	584,776,645	381,399,476
(+) Net profit/(Net loss) for the Current Year	283,107,928	203,377,169
Closing balance	867,884,573	584,776,645
<b>Total</b>	<b>4,041,243,548</b>	<b>4,185,839,533</b>

**2 . Trade Payables**

Particulars	as at 31-Mar-2022	as at 31-Mar-2021
GET&D INDIA LTD	3,606,810	3,434,492
JBS Enterprises Pvt Ltd	9,909,627	2,826,869
CTR Manufacturing Industries Pvt Ltd	6,632,770	-
Gandhar Oil Refinery India Ltd	2,983,264	-
Jayesh Engineers	599,478	-
Shivam Electrical	1,161,655	-
Vraj Engineers	154,032	-
<b>Total</b>	<b>25,047,636</b>	<b>6,261,361</b>

**3. Other Current Liabilities**

Particulars	as at 31-Mar-2022	as at 31-Mar-2021
Salary Expense Payable	1,849,497	1,019,823
Electricity Charges Payable	7,975	-
<b>Total</b>	<b>1,857,472</b>	<b>1,019,823</b>

**4. Short Term Provisions**

Particulars	as at 31-Mar-2022	as at 31-Mar-2021
TDS Payable	128,707	60,191
<b>Total</b>	<b>128,707</b>	<b>60,191</b>

FIXED ASSETS REGISTER

PARTICULARS	GROSS BLOCK			DEPRECIATION			NET BLOCK			
	OPENING BALANCE	ADDITIONAL DURING THE YEAR	DEDUCTION	TOTAL	OPENING BALANCE	CURRENT YEAR DEPRECIATION	ADJUSTMENTS TOTAL	WDV AS ON 31.03.2022	PREVIOUS YEAR WDV	RESIDUAL VALUE
<b>KHADOU</b>										
LAND	20100000			20100000	0	0	0	20100000	20100000	0
BUILDINGS	12551786			12551786	4611527	419230	0	5080756	7940259	1255179
OTHER EQUIPMENTS	85907935	9379454		868459189	408023917	45854645	0	453878562	451055818	86845919
<b>TOTAL</b>	<b>891731521</b>	<b>9379454</b>		<b>901110975</b>	<b>412635444</b>	<b>46273875</b>		<b>458909319</b>	<b>479096077</b>	<b>88101097</b>
<b>KHARADPADA</b>										
LAND	32000000	0		32000000	0	0		32000000	32000000	0
BUILDINGS	11600000	0		11600000	4577099	387440		4964539	7022901	1160000
INES & NETWORKS	1173041306	0		1173041306	652795368	60405644	0	713201012	459840294	117304131
OTHER EQUIPMENTS	56242000	8585869	0	64827869	47792528	2117580	0	50010108	8449472	6482787
TRANSFORMERS CENTERS	131800000	0		131800000	78009324	6959040		84968364	46831636	131800000
OFFICE EQUIPMENT	1601966	0		1601966	680997	144676		825673	920969	160197
<b>TOTAL</b>	<b>1406285272</b>	<b>8585869</b>		<b>1414871141</b>	<b>783853317</b>	<b>70114380</b>	<b>0</b>	<b>853969697</b>	<b>560901444</b>	<b>138287114</b>
<b>VAGCHIIPA</b>										
INES & NETWORKS	663740404	0		663740404	70090987	35045493		105136480	593649417	66374040
<b>TOTAL</b>	<b>663740404</b>	<b>0</b>		<b>663740404</b>	<b>70090987</b>	<b>35045493</b>	<b>0</b>	<b>105136480</b>	<b>593649417</b>	<b>66374040</b>
<b>GRAND TOTAL</b>	<b>2961757197</b>	<b>8585869</b>		<b>2979721520</b>	<b>1266581747</b>	<b>151433748</b>	<b>0</b>	<b>1418015495</b>	<b>1561707025</b>	<b>292762252</b>

**Electricity Department (Transmission Division)**

**6 . Trade Receivables**

Particulars	In (Rupees)	
	as at 31-Mar-2022	as at 31-Mar-2021
DNHPDCL Silvassa Power Grid Corporation of India Ltd	43,172,347	34,607,471
<b>Total</b>	<b>43,172,347</b>	<b>34,607,471</b>

**7 . Short Term Loan and Advances**

Particulars	as at 31-Mar-2022		as at 31-Mar-2021	
Government Fund	127,367,317		127,367,317	
PDCL Security Deposit	12,210		12,210	
Loan to DNHPDCL	1,000,000		1,000,000	
<b>Total</b>	<b>128,379,527</b>		<b>128,379,527</b>	

**8 . Other Current Assets**

Particulars	as at 31-Mar-2022		as at 31-Mar-2021	
TDS Receivable	16,854,415		16,854,415	
<b>Total</b>	<b>16,854,415</b>		<b>16,854,415</b>	

**9 . Misc Expenses (Assets)**

Particulars	as at 31-Mar-2022		as at 31-Mar-2021	
Capital Work in progress	-		-	
Grant In Aid (District Panchayat)	508,370,000		508,370,000	
Grant In Aid (DNH Power Distribution)	1,665,794,044		1,665,794,044	
Grant In Aid (Municipal Corporation)	144,000,000		144,000,000	
<b>Total</b>	<b>2,318,164,044</b>		<b>2,318,164,044</b>	

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**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 31.03.2022	For y. e. on 31.03.2021
TRANSMISSION CHARGES (OLD)		
O&M OF PGCIL	-	-
PP POC INCOME	832,753	605,848
STOA INCOME	512,606,195	412,499,022
TENDER FEES	730,000	730,000
<b>Total</b>	<b>514,168,948</b>	<b>413,834,870</b>

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**Electricity Department (Transmission Division)**

**Notes to and forming part of Statement of Profit and Loss**

**11 . Employee benefit expense**

Particulars	In (Rupees)	
	For y. e. on 31.03.2022	For y. e. on 31.03.2021
Salaries & Wages	32,290,599	26,538,833
Leave Salary	560,680	571,331
Bonus	158,884	158,884
<b>Total</b>	<b>33,010,163</b>	<b>27,269,048</b>

**Notes to and forming part of Statement of Profit and Loss**

**12 . Other Operating Expenses**

Particulars	In (Rupees)	
	For y. e. on 31.03.2022	For y. e. on 31.03.2021
Digital Signature Expenses	-	-
Round Off	357	-
Repairs & Maintenance	26,149,113	14,100,997
Advertisement Exp	63,811	134,279
Office Exp	161,214	41,244
Electricity Charges	9,714	-
Lawyer Charges	9,650	-
Consultancy Fees	84,560	35,000
Hire Charges	474,833	593,357
ARR Petition Charges	2,500,000	2,000,000
AMC SLDC	9,024,361	5,208,170
Cyber Security Charges - SLDC	653,047	-
Internet charges	32,213	-
SLDC charges	7,454,236	7,854,159
<b>Total</b>	<b>46,617,109</b>	<b>29,967,206</b>

*A*

# **ANNEXURE-II**

**FIXED ASSETS REGISTER AS ON 31.03.2022**

FIXED ASSETS REGISTER

PARTICULARS	DEP RATE	GROSS BLOCK		DEDUCTION	DEPRECIATION		ADJUSTMENTS	TOTAL	WDV AS ON 31.03.2022	PREVIOUS YEAR WDV	RESIDUAL VALUE
		OPENING BALANCE	ADDITIONAL DURING THE YEAR		CURRENT YEAR DEPRECIATION	TOTAL					
<b>SHAJOL</b>											
LAND		20100000						20100000	20100000		0
BUILDINGS		3251786			4611527			3251786	5020756	7940279	1255179
OTHER EQUIPMENTS		85927325	9378454		462039117	4534645		45387852	451055818	451055818	8845513
<b>TOTAL</b>		<b>88121521</b>	<b>9378454</b>		<b>462039117</b>	<b>462039117</b>		<b>45387852</b>	<b>442202628</b>	<b>479696077</b>	<b>88120297</b>
<b>KHARAKPADA</b>											
LAND		37000000						37000000	37000000		0
BUILDINGS		11600000			4577099	387440		11600000	7022901	7022901	1160000
FIXES & NETWORKS		1179041306			652795368	60405644		1179041306	459840274	530245938	117904131
OTHER EQUIPMENTS		56242000	855869		47792578	231730		50002108	14817781	8449472	6482787
PROCESSES CENTERS		331800000			78009314	6959040		331800000	849583164	44831036	53790676
IT EQUIPMENT		1466282272			144678			1466282272	825673	309963	140197
<b>TOTAL</b>		<b>3466282272</b>	<b>855869</b>		<b>782825237</b>	<b>70111020</b>		<b>83296897</b>	<b>360901848</b>	<b>827429955</b>	<b>138297114</b>
<b>VALCOPPA</b>											
FIXES & NETWORKS		663746004			70000987	35045493		663746004	558603824	503649417	663746004
<b>TOTAL</b>		<b>663746004</b>	<b>0</b>		<b>70000987</b>	<b>35045493</b>		<b>101134480</b>	<b>558603824</b>	<b>503649417</b>	<b>663746004</b>
<b>GRAND TOTAL</b>		<b>2961273737</b>	<b>855869</b>		<b>1266581747</b>	<b>351433748</b>		<b>3418024495</b>	<b>3581707028</b>	<b>14851725400</b>	<b>293782323</b>

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 15/03/2022  
 15/03/2022





AUGMENTATION OF 220 KERV KHADOLI - 23160 MVA TO 23160 MVA	11/01/2017	4800000	0	4800000.00	1267700	253440.00	1520640	3279360.00	3513800.00	480000
ZERY UNITS FROM KOTWARY KALA SUBSTATION TO KHADOLI SUBSTATION	31/03/2017	11548950	0	11548950.00	2439318.24	60784.56	3048922.8	850027.20	910981.76	1154895
220 KERV KHADOLI FROM 23160 CAPACITY	31/03/2017	35557000	0	35557000.00	7509618.40	1877409.60	9187048.00	26189951.00	28047861.60	3555700
220 KERV KHADOLI - 23160 TO 23160 MVA	18/03/2015	4000000.00	0	4000000.00	14784000.00	2112000.00	16896000.00	21104000.00	25216000.00	4000000.00
TOTAL		85079334.79	9379454.00	94458788.79	408023917.17	45854645.17	453178162.34	41438024.45	451055817.62	84445318.88
GRAND TOTAL (SUB-STATION)		85171320.79	9379454.00	94108774.79	412635443.71	46273974.82	453178162.34	41438024.45	450960277.08	84310197.48


  
 KALKAJI

KHARADPADA  
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 - KHARADPADA SUB-STATION	20	ACRE	01/04/2002	0.00%	32000000	0	0	32000000	0	0	0	0	32000000	32000000	0
<b>TOTAL</b>					32000000	0	0	32000000	0	0	0	0	32000000	32000000	0
<b>BUILDINGS</b>															
BUILDING			08/06/2009	3.34%	11600000.00	0.00	0.00	11600000.00	4577099.40	387440.00		4964539.40	6635460.60	7022900.60	1160000.00
<b>TOTAL</b>					11600000.00	0.00	0.00	11600000.00	4577099.40	387440.00	0.00	4964539.40	6635460.60	7022900.60	1160000.00
<b>INES &amp; NETWORKS</b>															
220KV KHARADPADA - 66KV RAKHOLI - 1	13.5	KM	01/04/2003	5.28%	87750000.00	0.00	0.00	87750000.00	83422987.40	4327012.60		87750000.00	5248000.00	5776000.00	1000000.00
220KV KHARADPADA - 66KV RAKHOLI - 2	13	KM	01/04/2003	5.28%	84500000.00			84500000.00	8033247.12	4166752.88		84500000.00	0.00	4166752.88	8450000.00
220KV KHARADPADA - 66KV MASAT	7.5	KM	01/04/2003	5.28%	48750000.00			48750000.00	46346104.11	2403895.89		48750000.00	0.00	2403895.89	48750000.00
220KV KHARADPADA - 66KV RELIANCE	0.5	KM	01/04/2003	5.28%	3250000.00			3250000.00	3089740.27	160259.73		3250000.00	0.00	160259.73	3250000.00
220KV KHARADPADA - 66KV DADRA	11	KM	01/04/2003	5.28%	71500000.00			71500000.00	67974286.03	3525713.97		71500000.00	0.00	3525713.97	71500000.00
220KV KHARADPADA - 66KV KHADOLI	22	KM	01/04/2003	5.28%	143000000.00			143000000.00	135948572.05	7051427.95		143000000.00	0.00	7051427.95	143000000.00
220KV LINE FROM KALA SUBSTATION TO KHARADPADA SUBSTATION			21/01/2014	5.28%	10000000.00			10000000.00	4224000.00	528000.00		4752000.00	5248000.00	5776000.00	1000000.00
INTERCONNECTIVITY LINE OF 220/66KV KHARADPADA SUBSTATION			13/06/2014	5.28%	50000000.00			50000000.00	18480000.00	2640000.00		21120000.00	28880000.00	31520000.00	5000000.00
INTERCONNECTIVITY LINE OF 220/66KV KHARADPADA SUBSTATION			12/06/2014	5.28%	100000000.00			100000000.00	36960000.00	5280000.00		42240000.00	57760000.00	63040000.00	100000000.00
AUGMENTATION OF 220/66KV KHARADPADA SUBSTATION			14/11/2014	5.28%	1880000.00			1880000.00	684848.00	99264.00		794112.00	1085888.00	1185152.00	1880000.00
66KV OUTDOOR SINGLE PHASE TMK CTS			03/12/2014	5.28%	1534582.00			1534582.00	567181.51	81025.93		648207.44	886374.56	967400.49	153458.20
220KV LINES FROM KALA SUBSTATION TO KHARADPADA SUBSTATION			05/01/2015	5.28%	15000000.00			15000000.00	5544000.00	792000.00		6336000.00	8664000.00	9456000.00	15000000.00
12 MTR HIGHMUST AT 220/66KV KHARADPADA			12/01/2015	5.28%	1158066.00			1158066.00	428021.19	61145.88		489167.08	668898.92	730044.81	115806.60
1T CONTROL CABLE AT 220/66 KV KHARADPADA			25/03/2015	5.28%	1106050.00			1106050.00	408796.08	58399.44		467195.52	638854.48	697253.92	110605.00
220KV LINES FROM 400/220KV KALA SUBSTATION TO NEW KHARADPADA			02/06/2015	5.28%	43508730.00			43508730.00	13783565.66	2297260.94		16080826.61	27427903.39	29725164.34	4350873.00
220KV LINE FROM 400/220KV KALA TO 220/66 KV NEW KHARADPADA			30/06/2015	5.28%	40000000.00			40000000.00	12672000.00	2112000.00		14784000.00	25216000.00	27328000.00	40000000.00
220KV LINE FROM 400/220KV KALA TO 220/66 KV NEW KHARADPADA			27/02/2016	5.28%	192250000.00			192250000.00	60904800.00	10150800.00		71055600.00	121194400.00	131345200.00	192250000.00
220KV LINE FROM KALA SUBSTATION TO NEW KHARADPADA SUBSTATION			03/06/2016	5.28%	50000000.00			50000000.00	13200000.00	2640000.00		15840000.00	34160000.00	36800000.00	50000000.00
220KV LINE FROM KALA SUBSTATION TO NEW KHARADPADA SUBSTATION			17/08/2016	5.28%	17500000.00			17500000.00	4620000.00	924000.00		5544000.00	11956000.00	12880000.00	17500000.00
220KV LINE FROM KALA SUBSTATION TO NEW KHARADPADA SUBSTATION			31/03/2017	5.28%	32641000.00			32641000.00	689379.20	1723444.80		8617224.00	24023776.00	25747220.80	3264100.00
AUGMENTATION FROM 420KV TO KHARADPADA			31/03/2015	5.28%	177712878.00			177712878.00	56299439.75	9383239.96		65682679.71	112030198.29	121413438.25	17771287.80

STATION	DESCRIPTION	DATE	QTY	UNIT PRICE	TOTAL PRICE	AMOUNT PAID	BALANCE	REMARKS
<b>SZOMIVA CAPACITY AT KHARADPADA</b>								
<b>SUBSTATION</b>								
TOTAL				1173041306.00	0.00	1173041306.00	652795368.38	60405643.98
<b>TRANSFORMER CENTRES</b>								
220/66 KV TRANSFORMER	1 NOS	30/10/2005	5.28%	5700000.00	46413803.84	30096000.00	30096000.00	0.00
220/66 KV TRANSFORMER	1 NOS	01/04/2012	5.28%	7480000.00	31595520.00	3949440.00	3949440.00	0.00
TOTAL				13180000.00	78009323.84	6959040.00	6959040.00	0.00
<b>OTHER EQUIPMENTS</b>								
245KV ISOLATOR	4 SET	25/07/2002	5.28%	620000.00	611849.29	8150.71	8150.71	0.00
245KV CT	3 NOS	25/07/2002	5.28%	780000.00	769745.88	10254.12	10254.12	0.00
245KV CB	1 NOS	25/07/2002	5.28%	1630000.00	1608571.53	21428.47	21428.47	0.00
LA	3 NOS	25/07/2002	5.28%	213000.00	210199.44	2800.56	2800.56	0.00
PI	12 NOS	25/07/2002	5.28%	240000.00	236844.89	3155.11	3155.11	0.00
CVT	3 NOS	25/07/2002	5.28%	840000.00	828957.11	11042.89	11042.89	0.00
WAVE TRAP	1 NOS	25/07/2002	5.28%	400000.00	394741.48	5258.52	5258.52	0.00
245KV LSOLALOR	4 SET	25/07/2002	5.28%	620000.00	611849.29	8150.71	8150.71	0.00
245KV CT	3 NOS	25/07/2002	5.28%	780000.00	769745.88	10254.12	10254.12	0.00
245KV CB	1 NOS	25/07/2002	5.28%	1630000.00	1608571.53	21428.47	21428.47	0.00
LA	3 NOS	25/07/2002	5.28%	213000.00	210199.44	2800.56	2800.56	0.00
PI	12 NOS	25/07/2002	5.28%	240000.00	236844.89	3155.11	3155.11	0.00
CVT	3 NOS	25/07/2002	5.28%	840000.00	828957.11	11042.89	11042.89	0.00
WAVE TRAP	1 NOS	25/07/2002	5.28%	400000.00	394741.48	5258.52	5258.52	0.00
245 KV ISOLATOR	2 SET	27/07/2002	5.28%	310000.00	305834.96	4165.04	4165.04	0.00
245 KV CT	3 NOS	27/07/2002	5.28%	780000.00	769520.32	10479.78	10479.78	0.00
245 KV PT	6 NOS	27/07/2002	5.28%	690000.00	680279.42	9720.58	9720.58	0.00
245 KV CB	1 NOS	27/07/2002	5.28%	1630000.00	1608099.95	21900.05	21900.05	0.00
PI	4 NOS	27/07/2002	5.28%	80000.00	78925.15	1074.85	1074.85	0.00
245 KV ISOLATOR	4 SET	27/07/2002	5.28%	620000.00	611669.92	8330.08	8330.08	0.00
245 KV CT	3 NOS	27/07/2002	5.28%	780000.00	769520.32	10479.78	10479.78	0.00
245 KV CB	1 NOS	27/07/2002	5.28%	1630000.00	1608099.95	21900.05	21900.05	0.00
LA	3 NOS	27/07/2002	5.28%	213000.00	210137.81	2862.19	2862.19	0.00
PI	12 NOS	27/07/2002	5.28%	240000.00	236775.45	3224.55	3224.55	0.00
ISOLATOR	4 SET	27/07/2002	5.28%	620000.00	611669.92	8330.08	8330.08	0.00
CT	3 NOS	27/07/2002	5.28%	780000.00	769520.32	10479.78	10479.78	0.00
CB	1 NOS	27/07/2002	5.28%	1630000.00	1608099.95	21900.05	21900.05	0.00
LA	3 NOS	27/07/2002	5.28%	213000.00	210137.81	2862.19	2862.19	0.00
PI	12 NOS	27/07/2002	5.28%	240000.00	236775.45	3224.55	3224.55	0.00
ISOLATOR	4 SET	27/07/2002	5.28%	1680000.00	165742.42	2157.58	2157.58	0.00
CT	3 NOS	27/07/2002	5.28%	1800000.00	177581.59	2418.41	2418.41	0.00
CB	1 NOS	27/07/2002	5.28%	8380000.00	826740.55	11259.45	11259.45	0.00
LA	3 NOS	27/07/2002	5.28%	840000.00	82871.21	1128.79	1128.79	0.00
PI	7 NOS	27/07/2002	5.28%	840000.00	82871.21	1128.79	1128.79	0.00
ISOLATOR	2 SET	28/07/2002	5.28%	840000.00	82859.06	1140.94	1140.94	0.00
CT	1 NOS	28/07/2002	5.28%	1800000.00	177555.55	2444.45	2444.45	0.00
CB	1 NOS	28/07/2002	5.28%	8380000.00	826619.33	11380.67	11380.67	0.00
LA	3 NOS	28/07/2002	5.28%	840000.00	82859.06	1140.94	1140.94	0.00
PI	7 NOS	28/07/2002	5.28%	840000.00	82859.06	1140.94	1140.94	0.00
ISOLATOR	6 NOS	29/07/2002	5.28%	4920000.00	485318.91	6681.09	6681.09	0.00
CT	4 SET	29/07/2002	5.28%	1680000.00	165693.81	2306.19	2306.19	0.00
CB	3 NOS	29/07/2002	5.28%	1800000.00	177529.51	2470.49	2470.49	0.00
LA	1 NOS	29/07/2002	5.28%	8380000.00	826498.11	11501.89	11501.89	0.00
PI	7 NOS	29/07/2002	5.28%	840000.00	82846.91	1153.09	1153.09	0.00
PT	1 NOS	29/07/2002	5.28%	820000.00	80874.96	1125.04	1125.04	0.00

ISOLATOR	4 SET	29/07/2002	168000.00	5.28%	168000.00	165693.81	2306.19	2306.19	0.00	168000.00	2306.19	16800.00
CT	3 NOS	29/07/2002	180000.00	5.28%	180000.00	177529.51	2470.49	2470.49	0.00	180000.00	2470.49	18000.00
CB	1 NOS	29/07/2002	838000.00	5.28%	838000.00	826498.11	11501.89	11501.89	0.00	838000.00	11501.89	83800.00
LA	3 NOS	29/07/2002	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
PI	7 NOS	29/07/2002	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
ISOLATOR	1 NOS	29/07/2002	82000.00	5.28%	82000.00	80874.96	1125.04	1125.04	0.00	82000.00	1125.04	8200.00
CT	4 SET	29/07/2002	168000.00	5.28%	168000.00	165693.81	2306.19	2306.19	0.00	168000.00	2306.19	16800.00
CB	3 NOS	29/07/2002	180000.00	5.28%	180000.00	177529.51	2470.49	2470.49	0.00	180000.00	2470.49	18000.00
LA	1 NOS	29/07/2002	838000.00	5.28%	838000.00	826498.11	11501.89	11501.89	0.00	838000.00	11501.89	83800.00
PI	7 NOS	29/07/2002	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
ISOLATOR	4 SET	29/07/2002	168000.00	5.28%	168000.00	165693.81	2306.19	2306.19	0.00	168000.00	2306.19	16800.00
CT	6 NOS	29/07/2002	360000.00	5.28%	360000.00	355059.02	4940.98	4940.98	0.00	360000.00	4940.98	36000.00
CB	1 NOS	29/07/2002	838000.00	5.28%	838000.00	826498.11	11501.89	11501.89	0.00	838000.00	11501.89	83800.00
LA	3 NOS	29/07/2002	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
PI	7 NOS	29/07/2002	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
ISOLATOR	4 SET	29/07/2002	246000.00	5.28%	246000.00	242623.87	3376.13	3376.13	0.00	246000.00	3376.13	24600.00
CT	3 NOS	15/10/2002	168000.00	5.28%	168000.00	163798.22	4201.78	4201.78	0.00	168000.00	4201.78	16800.00
CB	1 NOS	15/10/2002	838000.00	5.28%	838000.00	826498.11	11501.89	11501.89	0.00	838000.00	11501.89	83800.00
LA	3 NOS	15/10/2002	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
PI	7 NOS	15/10/2002	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
ISOLATOR	4 SET	15/10/2002	82000.00	5.28%	82000.00	80874.96	1125.04	1125.04	0.00	82000.00	1125.04	8200.00
CT	4 SET	27/02/2003	168000.00	5.28%	168000.00	165693.81	2306.19	2306.19	0.00	168000.00	2306.19	16800.00
CB	3 NOS	27/02/2003	180000.00	5.28%	180000.00	177529.51	2470.49	2470.49	0.00	180000.00	2470.49	18000.00
LA	1 NOS	27/02/2003	838000.00	5.28%	838000.00	826498.11	11501.89	11501.89	0.00	838000.00	11501.89	83800.00
PI	7 NOS	27/02/2003	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
ISOLATOR	4 SET	28/02/2003	168000.00	5.28%	168000.00	165693.81	2306.19	2306.19	0.00	168000.00	2306.19	16800.00
CT	3 NOS	28/02/2003	180000.00	5.28%	180000.00	177529.51	2470.49	2470.49	0.00	180000.00	2470.49	18000.00
LA	1 NOS	28/02/2003	838000.00	5.28%	838000.00	826498.11	11501.89	11501.89	0.00	838000.00	11501.89	83800.00
PI	7 NOS	28/02/2003	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
ISOLATOR	4 SET	30/10/2005	62000.00	5.28%	62000.00	60485.91	511.09	511.09	0.00	62000.00	511.09	6200.00
CT	12 NOS	30/10/2005	76000.00	5.28%	76000.00	74742.72	1127.28	1127.28	0.00	76000.00	1127.28	7600.00
LA	3 NOS	30/10/2005	163000.00	5.28%	163000.00	158271.93	4728.07	4728.07	0.00	163000.00	4728.07	16300.00
PI	21 NOS	30/10/2005	240000.00	5.28%	240000.00	232727.93	7272.07	7272.07	0.00	240000.00	7272.07	24000.00
ISOLATOR	4 SET	31/10/2005	168000.00	5.28%	168000.00	165693.81	2306.19	2306.19	0.00	168000.00	2306.19	16800.00
CT	3 NOS	31/10/2005	180000.00	5.28%	180000.00	177529.51	2470.49	2470.49	0.00	180000.00	2470.49	18000.00
LA	1 NOS	31/10/2005	838000.00	5.28%	838000.00	826498.11	11501.89	11501.89	0.00	838000.00	11501.89	83800.00
PI	7 NOS	31/10/2005	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
ISOLATOR	4 SET	31/10/2005	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
CT	6 NOS	11/01/2007	168000.00	5.28%	168000.00	163798.22	4201.78	4201.78	0.00	168000.00	4201.78	16800.00
CB	1 NOS	11/01/2007	838000.00	5.28%	838000.00	826498.11	11501.89	11501.89	0.00	838000.00	11501.89	83800.00
LA	3 NOS	11/01/2007	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
PI	7 NOS	11/01/2007	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
ISOLATOR	4 SET	09/03/2007	168000.00	5.28%	168000.00	165693.81	2306.19	2306.19	0.00	168000.00	2306.19	16800.00
CT	6 NOS	09/03/2007	360000.00	5.28%	360000.00	355059.02	4940.98	4940.98	0.00	360000.00	4940.98	36000.00
CB	1 NOS	09/03/2007	838000.00	5.28%	838000.00	826498.11	11501.89	11501.89	0.00	838000.00	11501.89	83800.00
LA	3 NOS	09/03/2007	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
PI	7 NOS	09/03/2007	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
ISOLATOR	4 SET	19/05/2007	168000.00	5.28%	168000.00	165693.81	2306.19	2306.19	0.00	168000.00	2306.19	16800.00
CT	3 NOS	19/05/2007	180000.00	5.28%	180000.00	177529.51	2470.49	2470.49	0.00	180000.00	2470.49	18000.00
LA	1 NOS	19/05/2007	838000.00	5.28%	838000.00	826498.11	11501.89	11501.89	0.00	838000.00	11501.89	83800.00
PI	7 NOS	19/05/2007	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00
ISOLATOR	4 SET	19/05/2007	168000.00	5.28%	168000.00	165693.81	2306.19	2306.19	0.00	168000.00	2306.19	16800.00
CT	3 NOS	19/05/2007	180000.00	5.28%	180000.00	177529.51	2470.49	2470.49	0.00	180000.00	2470.49	18000.00
LA	1 NOS	19/05/2007	838000.00	5.28%	838000.00	826498.11	11501.89	11501.89	0.00	838000.00	11501.89	83800.00
PI	7 NOS	19/05/2007	84000.00	5.28%	84000.00	82846.91	1153.09	1153.09	0.00	84000.00	1153.09	8400.00

LA	3 NOS	19/05/2007	5.28%	84000.00	61521.49	4435.20	84000.00	65956.69	18043.31	22478.51	8400			
PI	7 NOS	19/05/2007	5.28%	84000.00	61521.49	4435.20	84000.00	65956.69	18043.31	22478.51	8400			
PT	1 NOS	19/05/2007	5.28%	82000.00	60057.29	4329.60	82000.00	64386.89	17613.11	21943.71	8700			
ISOLATOR	4 SET	13/01/2008	5.28%	168000.00	117234.69	8870.40	168000.00	176105.09	41894.91	50765.31	16800			
CT	3 NOS	13/01/2008	5.28%	180000.00	125609.03	9504.00	180000.00	135113.03	44886.97	54390.97	18000			
CB	3 NOS	13/01/2008	5.28%	838000.00	584779.42	44246.40	838000.00	629025.82	208974.18	253220.58	83800			
LA	3 NOS	13/01/2008	5.28%	84000.00	58617.35	4435.20	84000.00	63052.55	20947.45	25382.65	8400			
PI	7 NOS	13/01/2008	5.28%	84000.00	58617.35	4435.20	84000.00	63052.55	20947.45	25382.65	8400			
PT	1 NOS	13/01/2008	5.28%	82000.00	57222.29	4329.60	82000.00	61551.89	20448.11	24777.71	8200			
245KV ISOLATOR	4 SET	28/03/2008	5.28%	620000.00	425926.75	32736.00	620000.00	458662.75	161337.25	194073.25	62000			
245KV CT	3 NOS	28/03/2008	5.28%	780000.00	535843.33	41184.00	780000.00	577027.33	202972.67	244156.67	78000			
245KV CB	1 NOS	28/03/2008	5.28%	1630000.00	1119775.17	86064.00	1630000.00	1705839.17	424160.83	510274.83	163000			
LA	3 NOS	28/03/2008	5.28%	213000.00	146326.05	11246.40	213000.00	157572.45	55427.55	66673.95	21300			
PI	12 NOS	28/03/2008	5.28%	240000.00	164874.87	12672.00	240000.00	177546.87	62453.13	75125.13	24000			
ISOLATOR	4 SET	08/06/2009	5.28%	168000.00	104791.88	8870.40	168000.00	113662.33	54337.77	63208.17	16800			
CT	6 NOS	08/06/2009	5.28%	360000.00	224554.78	19008.00	360000.00	243562.78	116437.22	135445.22	36000			
CB	1 NOS	08/06/2009	5.28%	838000.00	527273.24	44246.40	838000.00	566959.64	271040.36	315286.76	83800			
LA	3 NOS	08/06/2009	5.28%	84000.00	52395.92	4435.20	84000.00	56831.12	27168.88	31604.08	8400			
PI	7 NOS	08/06/2009	5.28%	84000.00	52395.92	4435.20	84000.00	56831.12	27168.88	31604.08	8400			
PT	1 NOS	08/06/2009	5.28%	82000.00	51148.99	4329.60	82000.00	54788.59	26521.41	30851.01	8200			
ISOLATOR	4 SET	01/04/2012	5.28%	168000.00	79833.20	8870.40	168000.00	88703.60	79296.40	88166.80	16800			
CT	3 NOS	01/04/2012	5.28%	180000.00	85536.00	9504.00	180000.00	95040.00	84960.00	94464.00	18000			
CB	1 NOS	01/04/2012	5.28%	838000.00	398217.20	44246.40	838000.00	442463.60	395536.40	439782.80	83800			
LA	3 NOS	01/04/2012	5.28%	84000.00	39916.60	4435.20	84000.00	44351.80	39648.20	44083.40	8400			
PI	7 NOS	01/04/2012	5.28%	84000.00	39916.60	4435.20	84000.00	44351.80	39648.20	44083.40	8400			
ISOLATOR	4 SET	01/04/2012	5.28%	132000.00	62726.80	6969.60	132000.00	69696.40	62303.60	69273.20	13200			
CT	3 NOS	01/04/2012	5.28%	1005000.00	477576.00	53064.00	1005000.00	530640.00	474360.00	527424.00	100500			
CB	1 NOS	01/04/2012	5.28%	560000.00	266112.00	29568.00	560000.00	295680.00	264320.00	293888.00	56000			
LA	3 NOS	01/04/2012	5.28%	40000.00	19008.00	2112.00	40000.00	21120.00	18880.00	20992.00	4000			
PI	7 NOS	01/04/2012	5.28%	12000.00	5702.80	633.60	12000.00	6336.40	5663.60	6297.20	1200			
ISOLATOR	4 SET	01/04/2012	5.28%	1050000.00	498960.00	55440.00	1050000.00	554400.00	495600.00	551040.00	105000			
CT	3 NOS	01/04/2012	5.28%	132000.00	62726.80	6969.60	132000.00	69696.40	62303.60	69273.20	13200			
CB	1 NOS	01/04/2012	5.28%	560000.00	266112.00	29568.00	560000.00	295680.00	264320.00	293888.00	56000			
LA	3 NOS	01/04/2012	5.28%	40000.00	19008.00	2112.00	40000.00	21120.00	18880.00	20992.00	4000			
PI	7 NOS	01/04/2012	5.28%	12000.00	5702.80	633.60	12000.00	6336.40	5663.60	6297.20	1200			
NEW RET	1 NOS	14/07/2021	5.28%	1050000.00	498960.00	55440.00	1050000.00	554400.00	495600.00	551040.00	105000			
FIRE SYSTEM	1 NOS	16/09/2021	5.28%	0	3058560.00	161491.97	0	161491.97	2897068.03	0.00	305856			
Total				56242000	8585869	0	64827869	47792528.08	221780.233	0	50010108.31	14817760.69	8449471.92	6482786.9
OFFICE EQUIPMENT														
XEROX MACHINE	1 NOS	31/03/2014	6.33%	242445.00	107427.38	15346.77	242445.00	122774.15	119670.85	135017.62	24244.5			
COMPUTER	3 NOS	07/10/2014	15.00%	499090.00	348016.50	74863.50	499090.00	422880.00	76210.00	151073.50	49909			
AIR CONDITIONER		06/07/2015	6.33%	337483.00	128176.04	21362.67	337483.00	149538.72	187944.28	209306.96	33748.3			
CCTV CAMERA	1 NOS	01/03/2019	6.33%	492448.00	93515.88	3171.96	492448.00	124687.32	367760.17	398932.12	49244.8			
SCANNER	1 NOS	13/09/2019	6.33%	30500.00	3861.30	1930.65	30500.00	5791.95	24708.05	26638.70	3050			
Total				1601966.00	680997.10	144675.55	1601966.00	825672.65	776293.35	920968.90	160196.60			
GRAND TOTAL				140628527.00	8585869.00	0.00	141487114.00	783855316.79	70114379.76	0.00	853969696.55	56901444.45	622429955.21	138287114.10

VAGCHIPPA  
GROSS FIXED ASSETS - TRANSMISSION

PARTICULARS	GROSS BLOCK				DEPRECIATION				NET BLOCK						
	QTY	UNITS	DATE WHOM	RATE OF	OPENING	ADDITION	DEDUCTION	TOTAL	OPENING	CURRENT	ADJUSTMENT	TOTAL	CURRENT YEAR	PREVIOUS	RESIDUAL
DESCRIPTION OF ASSETS															
LINE & NETWORK VAGCHIPPA			20/01/2020	5.28%	663740404	0		663740404.00	7090986.66	35045493.33		105136479.99	558603924	593649417.3	66374040
LINE & NETWORK					663740404.00	0.00		663740404.00	7090986.66	35045493.33	0.00	105136479.99	558603924.01	593649417.34	66374040.00
GRAND TOTAL (SUB-STATION)															

S. ASSOCIATES  
20/01/2020  
S. NALLAR