15754/2023/Legal Section

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

No. DNH/ELE/TRANS/2023/47/328 Dated: 16/12/2023.
: (0260) 2406546. : **trans.dnh@gmail.com**

To,
The Secretary,
Joint Electricity Regulatory Commission,
(For the state of Goa and Union Territories),
3rd and 4th Floor, Plot No. 55 & 56, Phase –IV,
Udyog Vihar, Sector -18.
Gurugram -122015.

Sub: Approval of Annual Revenue Requirement (ARR) Petition and Tariff Proposal of Electricity Department (Transmission Division) of Dadra and Nagar Haveli for FY 2024-25 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 the Electricity Department (Transmission Division) of Dadra and Nagar Haveli for FY 2024–25 under Sections 61, 62, and 64 of the Electricity Act 2003.

The fees for the said petition, in the amount of Rs. 20,00,000/-, will be paid through PFMS at the end of this month.

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

Yours Faithfully,

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

कार्यपालक अभियंता (पारेषण)
Executive Engineer (Trans)
विद्युत विभाग
Electricity Department
दादरा एवं नगर हवेली
Dadra & Nagar Haveli
सिलवासा Silvassa

List of Enclosures:-

1. Six Copies of the ARR & Tariff Petition for FY 2024-25 (Vol. 1)
2. Audited Annual Accounts and Fixed Asset Register for the FY 2022-23 (Annexure - I)

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 2024-25 for Electricity Department, (Transmission) Division, Union Territory of Dadra and Nagar Haveli under Section 61, 62 and 64 of the Electricity Act, 2003

AND

IN THE MATTER OF Electricity Department, Transmission Division, 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 Bhikhubhai Bhanabhai Patel, son of Shri Bhanabhai Nemlabhai Patel (aged 56 years), (occupation) Government Service residing at Mandir Falia, 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 2024-25 for determination of tariff.

NOTARY
Pankajkumar N. Bhandari
U.T. of D. & N. H.
Reg. No.-DN/06/2012
Administration of D. & N. H.

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.

I, Pankajkumar N. Bhandari, Advocate, Silvassa, 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 16 day of December 2023 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.

कार्यपालक अभियंता (प्रसारण)
Executive Engineer (Trans.)
विद्युत विभाग
Electricity Department
दादरा एवं नगर हवेली
Dadra & Nagar Haveli
सिलवासा/Silvassa

IDENTIFIED BY ME

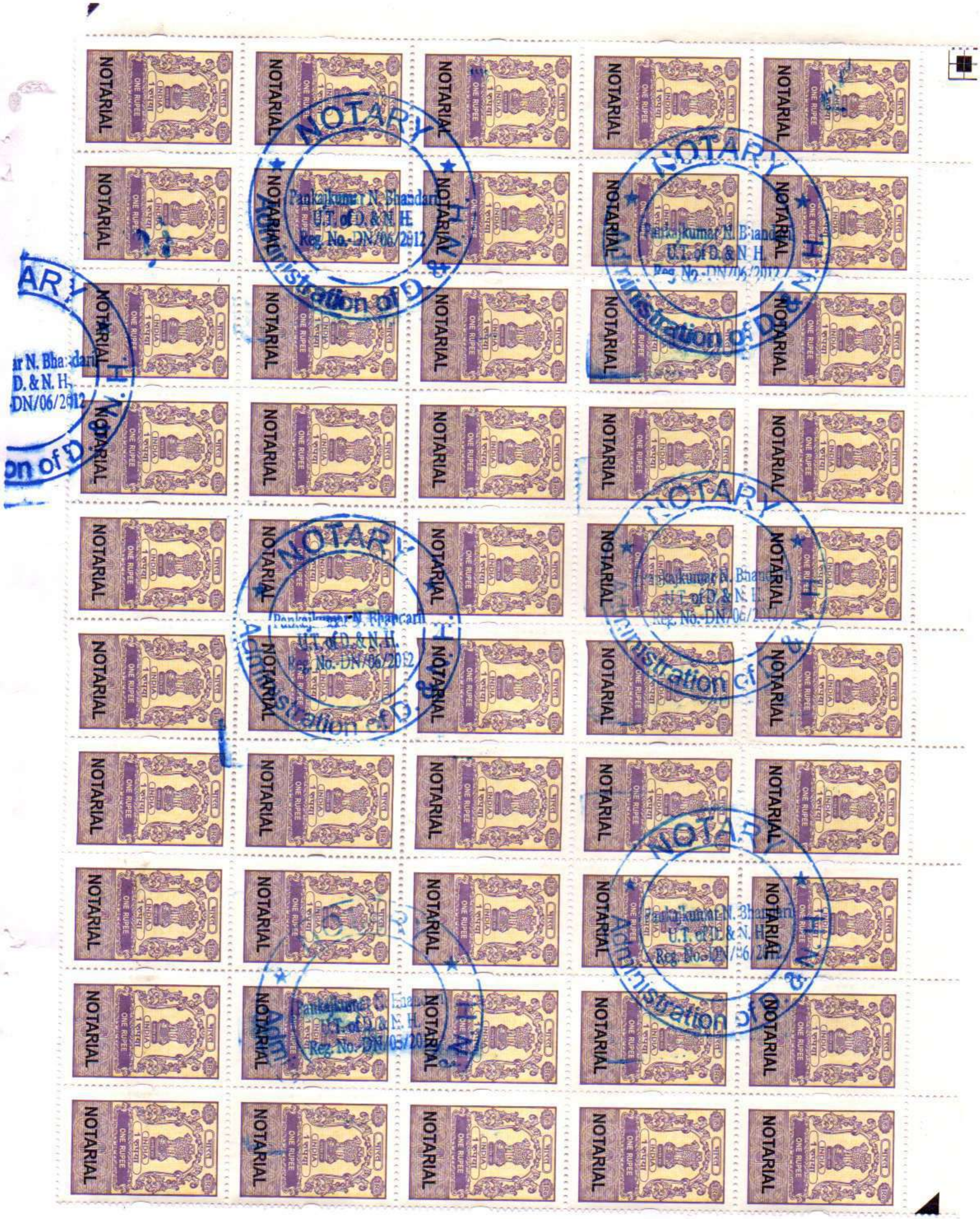
Hasmukh M. Rohit
Kilvani Naka
Silvassa.

Solemanly affirmed before me by
Shri Bhikhu B. Patel (Exe. Engg. (Trans.) ...)
of Silvassa who is identified
by Shri Hasmukh M. Rohit of
Silvassa whom I Personally known

Book No. 05
Page No. 453
Serial No. 2053
Date 16/12/2023
Certificate of Practice
Valid Till: 13/02/27

PANKAJKUMAR N. BHANDARI
B.A., LL.B.
ADVOCATE & NOTARY
Shop No.-2, Kureshi Building,
Opp. Bus Stand, SILVASSA
U.T. of D. & N. H.-396 230

NOTARY
Pankajkumar N. Bhandari
U. T. of D. & N. H.
Reg. No. DN/06/2012
Administration of D.&N.H.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NOTARY
Pankajkumar N. Bhandari
U.T. of D. & N.H.
Reg. No.-DN/06/2012
Administration of D. & N.H.

Truing up for FY 2022-23,

Review for FY 2023-24

AND

ARR for FY 2024-25

And

Tariff Proposal for FY 2024-25

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 2023

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

Filing No...........

Case No...........

IN THE MATTER OF:	Filing of Aggregate Revenue Requirement (ARR) for FY 2024-25 for Electricity Department, Transmission Division, Union Territory of Dadra and Nagar Haveli under Section 61, 62 and 64 of the Electricity Act, 2003
	AND
IN THE MATTER OF	Electricity Department, Transmission Division, UT of Dadra and Nagar Haveli and Daman and Diu (hereinafter referred to as "ED-DNH" or "The Petitioner" or "The Department") .... Petitioner

The Applicant respectfully submits as under: -

1. Electricity Department, Transmission Division is a statutory body engaged in the transmission of electricity in Dadra & Nagar Haveli. Consequent to the enactment of the Electricity Act, 2003 (hereinafter referred to as the "Act"), the process of approval of proposed tariffs is vested with the State Commission. Based on the provisions of Section 61, 62 and 64 of the Act, Electricity Department, Transmission Division is filing the current Petition, in order to meet its financial requirements.

2. This is a Petition indicating the True up for the FY 2022-23, Review for FY 2023-24, Aggregate Revenue Requirement (ARR) and Tariff Proposal of Electricity Department, Transmission Division for the FY 2024-25 (Financial Year 2024-25).

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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)

Chapter 1: Introduction

1.1 Electricity Department, Transmission Division Profile

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

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

1. Ensure reliable supply energy to 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;

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 2022-23, Review for FY 2023-24 and basis, assumptions and projections of individual elements constituting the determination of Aggregate Revenue Requirement for the FY 2024-25 and Tariff Proposal for the FY 2024-25.

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 2022-23 and their growth are shown in the table below:

Table 1: Status of Transmission Assets – DC kms

ASSETS	UNITS	FY 2022-23
EHT		
220 KV lines	DC kms	38.18

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

Table 2: Details of existing Substations

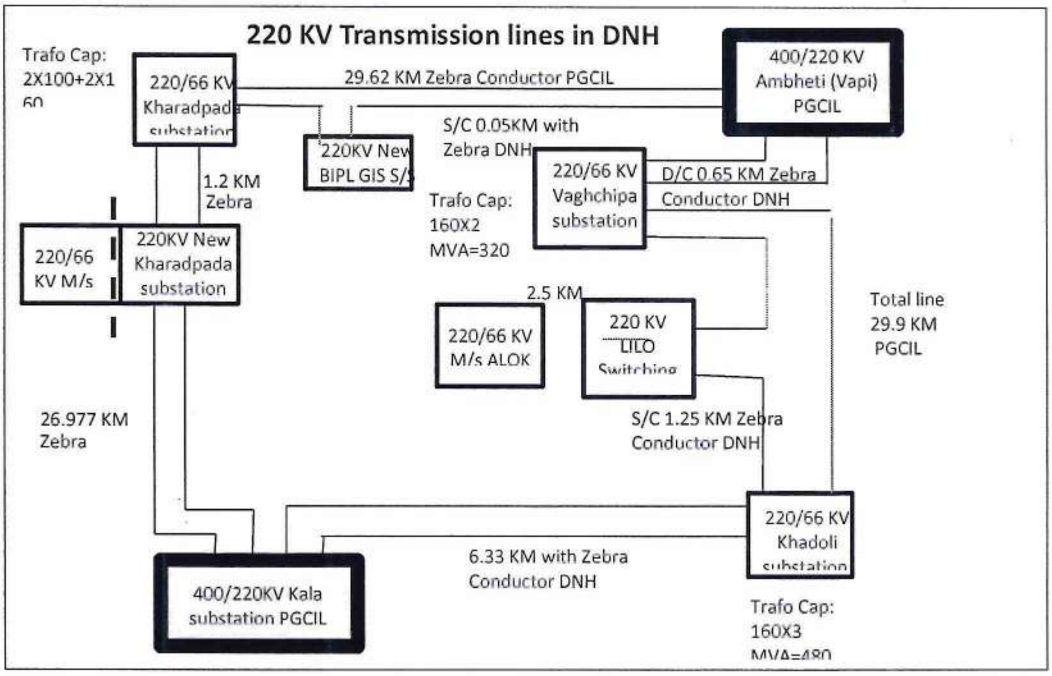
SR. NO.	SUB-STATION	CAPACITY	TOTAL
1	400 KV Ambheti-Vapi Sub-Station (CTU-Power Grid)	3 x 315 MVA	945 MVA
2	400 KV Kala Sub-Station (CTU-Power Grid)	2 x 315 + 1X500 MVA	1130 MVA
3	220 KV Kharadpada Sub-Station	2 x 100 + 2 x 160 MVA	520 MVA
4	220 KV Khadoli Sub-Station	3 x 160 MVA	480 MVA
5	220 /66 KV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

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

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

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

Figure 1: 220kV Transmission Lines in DNH



Chapter 3: True up for FY 2022-23

3.1 Principles for True up for FY 2022-23

As per JERC MYT Regulations, 2021, the Hon'ble Commission shall undertake the True Up of licensee for FY 2022-23 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 2022-23. Information provided in the True Up for FY 2022-23 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 31st March, 2022 and the revised parameters in the Tariff Order dated 30th March, 2023 for the FY 22-23.

Accordingly, revised Aggregate Revenue Requirement, revenue and gap for FY 2022-23 are given in the following sections of this chapter.

3.2 Operations and Maintenance Expenses

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

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

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

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

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

The Hon'ble Commission had approved the O&M cost at Rs. 9.27 Crore and Rs. 7.21 Crore respectively vide Tariff Order dated 31st March, 2022 and 30th March, 2023 respectively.

During FY 2022-23, Electricity Department, Transmission Division incurred actual O&M expense of Rs. 14.00 Crore which included Employee cost of Rs. 2.58 Crore, Repair & Maintenance charges of Rs. 3.97 Crore and Administration & General Expenses of Rs. 7.45 Crore as given in the Table below:

Table 3: Operation &Maintenance Expenses for FY 2022-23

(Rs. Crore)

Particulars	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 Approved (30th March, 2023)	FY 2022-23 Actual
Employee Cost	4.39	3.04	2.58
R&M	2.87	2.98	3.97
A&G	2.01	1.19	7.45
O&M Expenses	9.27	7.21	14.00

It can be seen in the table given above that the Department has incurred a higher amount on O&M Expenses than the amount approved by the Hon'ble Commission vide its Tariff Order dated 30th March, 2023. Key variation is witnessed in the A&G expenses. The reason for the same is elaborated below:

Power Grid Corporation had taken up the work of setting up new SLDC system for Electricity Department, Dadra and Nagar Haveli. WRPC had awarded the work to PGCIL for the constituents of Western region. The work of setting up the SLDC system was completed by PGCIL in the year 2016. Further, PGCIL had appealed to the CERC for truing up of transmission tariff of the period 2014-19 and determination of transmission tariff for 2019-24 under expansion/upgradation of SCADA/EMS system at SLDC of Western region.

Accordingly, CERC has approved the transmission tariff vide. order dated 30.06.2022 for setting up of new SCADA for Electricity Department, D&NH. Accordingly, PGCIL has submitted the invoice amounting to Rs. 5.48 Crore for the period October, 2016 to June, 2022 as arrears of ULDC charges to Electricity Department, D&NH. The same was paid by the Department to PGCIL and are being claimed under the A&G expenses. Hence, the A&G expenses have increased during the FY 2022-23.

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 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 4: Depreciation

(Rs. Crore)

Particulars	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 Approved (30th March, 2023)	FY 2022-23 Actual
Opening GFA	296.18	297.59	297.97
Addition during the year	0.00	0.00	3.46
Closing GFA	296.18	297.59	301.43
Average GFA	296.18	297.59	299.70
Depreciation during the year	15.32	15.39	13.11

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

3.4 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 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. 2.42 Crore. Assets amounting to Rs. 3.46 Crore were capitalized during the FY 2022-23.

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 of 8.10%.

The total Interest & Financial charges for FY 2022-23 computed by Electricity Department, Transmission Division is as shown below:

Table 5: Interest and Finance Charges

(Rs. Crore)

Particulars	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 Approved (30th March, 2023)	FY 2022-23 Actual
Opening Loan	26.54	27.49	27.49
Loan for additional Capex (70:30 debt-equity)	0.00	0.00	2.42
Loan Repayment	15.32	15.39	13.11
Closing Loan	11.22	12.10	16.80
Interest Cost on Avg. Loans	**1.51**	**1.58**	**1.79**

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

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 9.01% (SBI base rate plus 200 basis points). The interest on working capital for FY 22-23 incurred by Electricity Department, Transmission Division is as shown below:

Table 6: Interest on Working Capital

(Rs. Crore)

Particulars	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 Approved (30th March, 2023)	FY 2022-23 Actual
Receivables equivalent to 45 days of fixed cost	4.29	4.03	4.65
Maintenance spares @15% of operation and maintenance expenses	1.39	1.08	2.10
Operation and maintenance expenses for one month	0.77	0.60	1.17
Total Working Capital requirement	6.45	5.71	7.92
Interest on Working Capital	**0.58**	**0.51**	**0.72**

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

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 2022-23 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 2022-23 in this Petition.

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

Table 7: Return on Equity

(Rs. Crore)

Particulars	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 Approved (30th March, 2023)	FY 2022-23 Actual
Opening Equity	52.95	53.37	53.37
Addition in Equity on account of new capitalization (70:30 debt-equity)	0.00	0.00	1.04
Closing equity	52.95	53.37	54.41
Average Equity	52.95	53.37	53.89
Return on Equity	**8.21**	**8.27**	**8.35**

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

3.7 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:

Table 8: Aggregate Revenue Requirement for FY 2022-23

(Rs. Crore)

Particulars	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 Approved (30th March, 2023)	FY 2022-23 Actual
O&M Expense	9.27	7.21	14.00
Depreciation	15.32	15.39	13.11
Interest Cost on Long-term Capital Loans	1.51	1.58	1.79
Interest on Working Capital Loans	0.58	0.51	0.72
Return on Equity	8.21	8.27	8.35
Total	**34.89**	**32.96**	**37.97**
Less:			
Non-Tariff Income	0.13	0.15	0.22
Annual Revenue Requirement	**34.76**	**32.81**	**37.75**
Add: True up of previous years including carrying cost	3.96	-	-
Net Revenue Requirement	**38.72**	**32.81**	**37.75**

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

3.8 Revenue for FY 2022-23

During the FY 22-23, Electricity Department, Transmission Division's actual revenue from approved tariff amounted to Rs. 44.59 Crore.

Table 9: Revenue for FY 2022-23

(Rs. Crore)

Tariff Determination	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 Approved (30th March, 2023)	FY 2022-23 Actual
Revenue @ Existing Tariff		38.72	44.59
Total revenue	-	**38.72**	**44.59**

3.9 Revenue (Gap)/Surplus for FY 2022-23

Electricity Department, Transmission Division has arrived at the trued-up Aggregate Revenue Requirement for FY 22-23 of Rs. 37.75 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 22-23 is computed at Rs. 6.83 Crore as depicted in the Table below:

Table 10: Revenue (Gap)/Surplus for FY 2022-23

(Rs. Crore)

Tariff Determination	FY 2022-23 Approved (31st March, 2022)	FY 2022-23 Approved (30th March, 2023)	FY 2022-23 Actual
Aggregate revenue requirement (Rs. Crore.)	**38.72**	**32.81**	**37.75**
Total Revenue	0.00	38.72	44.59
Revenue (Gap)/Surplus	(38.72)	5.91	6.83
Previous Years' (Gap)/Surplus Carried Over	-	-4.04	(3.88)
Holding Cost	-	-0.09	0.12
Total Revenue (Gap)/Surplus	-	1.78	3.07

Electricity Department, Transmission Division requests the Hon'ble Commission to consider the revenue surplus of Rs. 3.07 Crore for FY 22-23 arrived as part of truing up process.

Chapter 4: Review for FY 2023-24

The review of aggregate revenue requirement for FY 23-24 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 23-24. 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 23-24 is shown in the following Table:

Table 11: Operation &Maintenance Expenses for FY 2023-24

(Rs. Crore)

Particulars	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Approved (30th March, 2023)	FY 2023-24 RE
Employee Cost	4.65	3.21	2.72
R&M	2.87	2.98	2.76
A&G	2.14	1.26	2.07
O&M Expenses	9.66	7.45	7.55

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

4.2 Depreciation

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

For computation of depreciation, Electricity Department, Transmission Division has considered the opening balance of the GFA for FY 23-24 and subsequently added the assets capitalized in FY 23-24.

Accordingly, the depreciation so arrived and approved depreciation for FY 23-24 are as shown below:

Table 12: Depreciation

(Rs. Crore)

Particulars	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Approved (30th March, 2023)	FY 2023-24 RE
Opening GFA	296.18	297.59	301.43
Addition during the year	6.00	1.28	0.00
Closing GFA	302.18	298.87	301.43
Average GFA	299.18	298.23	301.43
Depreciation during the year	15.48	15.43	15.57

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the depreciation for FY 23-24 without any deduction.

4.3 Interest and Finance Charges

For assessing interest on Loans in FY 23-24, Electricity Department, Transmission Division has considered the Opening Balance of Loans for FY 23-24 equal to the closing balance of loan for the FY 2022-23. The normative loan addition in FY 23-24 has been computed as 70% of the capitalization for FY 23-24 which works out to Rs. 0.00 Crore as the capitalization estimated for the FY 2022-23 is nil.

The repayment of loans has been considered equal to the depreciation during the FY 2023-24. Further the rate of interest has been considered as equal to the SBI PLR plus 100 basis points of 9.50%.

The total Interest & Financial charges for FY 2023-24 computed by Electricity Department, Transmission Division is as shown below:

Table 13: Interest and Finance Charges

(Rs. Crore)

Particulars	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Approved (30th March, 2023)	FY 2023-24 RE
Opening Loan	11.22	12.10	16.80
Loan for additional Capex (70:30 debt-equity)	4.20	0.90	0.00
Loan Repayment	15.48	13.00	15.57
Closing Loan	-	-	1.23
Interest Cost on Avg. Loans	**0.45**	**0.48**	**0.86**

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the interest on loan computed for FY 23-24.

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 9.50% (1 year State Bank of India (SBI) MCLR plus 200 basis points). The interest on working capital for FY 23-24 incurred by Electricity

Department, Transmission Division against that approved by the Hon'ble Commission is as shown below:

Table 14: Interest on Working Capital for FY 2023-24

(Rs. Crore)

Particulars	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Approved (30th March, 2023)	FY 2023-24 RE
Receivables equivalent to 45 days of fixed cost	4.24	3.95	4.05
Maintenance spares @15% of operation and maintenance expenses	1.45	1.12	1.13
Operation and maintenance expenses for one month	0.80	0.62	0.63
Total Working Capital requirement	6.49	5.68	5.81
Interest on Working Capital	**0.58**	**0.51**	**0.61**

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the interest on working capital computed for FY 23-24.

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 2023-24 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 2023-24 in this Petition.

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

Table 15: Return on Equity

(Rs. Crore)

Particulars	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Approved (30th March, 2023)	FY 2023-24 RE
Opening Equity	52.95	53.37	54.41
Addition in Equity on account of new capitalization (70:30 debt-equity)	1.80	0.38	0.00
Closing equity	54.75	53.76	54.41
Average Equity	53.85	53.37	54.41
Return on Equity	**8.35**	**8.30**	**8.43**

The Electricity Department, Transmission Division, requests the Hon'ble Commission to approve the return on Equity computed for FY 23-24.

4.6 Aggregate Revenue Requirement for FY 2023-24

Based on above expenses, the Table below summarizes Aggregate Revenue Requirement for FY 23-24 for Electricity Department, Transmission Division in comparison with values approved by the Hon'ble Commission in the Tariff Order dated 30th March, 2023:

Table 16: Aggregate Revenue Requirement for FY 2023-24

(Rs. Crore)

Particulars	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Approved (30th March, 2023)	FY 2023-24 RE
O&M Expense	9.66	7.45	7.55
Depreciation	15.48	15.43	15.57
Interest Cost on Long-term Capital Loans	0.45	0.48	0.86

Particulars	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Approved (30th March, 2023)	FY 2023-24 RE
Interest on Working Capital Loans	0.58	0.51	0.61
Return on Equity	8.35	8.30	8.43
Total	34.52	32.17	33.02
Less:			
Non-Tariff Income	0.13	0.16	0.15
Annual Revenue Requirement	34.39	32.01	32.87
Add: True up of previous years including carrying cost		-1.78	0.00
Net Revenue Requirement	34.39	30.23	32.87

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

4.7 Revenue for FY 2023-24

During the FY 23-24, it is estimated that Electricity Department, Transmission Division's revenue from approved tariff will be Rs. 30.23 Crore.

Table 17: Revenue for FY 2023-24

(Rs. Crore)

Tariff Determination	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Approved (30th March, 2023)	FY 2023-24 RE
Revenue @ Existing Tariff	-	30.23	30.23
Total revenue	-	30.23	30.23

4.8 Revenue (Gap)/Surplus for FY 2023-24

As part of the review of FY 2023-24 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 gap of Electricity Department, Transmission Division for FY 23-24 is computed at Rs. 2.64 Crore as depicted in the Table below:

Table 18: Revenue (Gap)/Surplus for FY 2023-24

(Rs. Crore)

Tariff Determination	FY 2023-24 Approved (31st March, 2022)	FY 2023-24 Approved (30th March, 2023)	FY 2023-24 RE
Aggregate revenue requirement (Rs. Crore.)	**34.39**	**30.23**	32.87
Total Revenue	0.00	30.23	30.23
Revenue (Gap)/Surplus	(34.39)	-	(2.64)
Previous Years' (Gap)/Surplus Carried Over			3.07
Holding Cost			0.02
Total Revenue (Gap)/Surplus			0.46

Electricity Department, Transmission Division requests the Hon'ble Commission to consider the revenue surplus of Rs. 0.46 Crore for FY 23-24 arrived as part of the review process.

Chapter 5: ARR for the FY 2024-25

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

The following sections explain in detail the basis and forecasts of the following elements for FY 2024-25:

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 24-25 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 23-24 was Rs. 7.55 Crores. The methodology adopted by Electricity Department, Transmission Division for projecting the values of each component of the O&M expense for the FY 2024-25 has been explained in following section.

5.1.1 Employee Expense

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

Electricity Department, Transmission Division has considered the actual six monthly employee expenses for FY 23-24 for forecasting the employee expenses for FY 23-24.

Based on the various expense head related to employee booked during six months of FY 23-24, Electricity Department, Transmission Division has estimated the total employee cost for full year of FY 23-24 as Rs. 2.72 Crores. Salary expenses for the FY 2024-25 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 5.48%.

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

EMPn = (EMPn-1) x (1+Gn) x (CPIinflation)

where:

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

Gn is a growth factor for the nth Year. Value of Gn 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 5.48%. Total employee cost of Electricity Department, Transmission Division for the FY 2024-25 is as given in the table below:

Table 19: Projected Employee Expense for the FY 2024-25

(Rs. Crore)

Particular	FY 2024-25 Approved (31st March, 2022)	FY 2024-25 Projected
Employee Expenses	4.93	2.87

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 22-23 for Electricity Department, Transmission Division was Rs. 3.97 Crore. The revised estimate of R&M expense for FY 23-24 has been estimated at Rs. 2.76 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&Mn = K x GFAn-1 x (WPIinflation)

where:

R&Mn – 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

WPIinflation – 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 2024-25 is summarized in the table below:

Table 20: Projected Repairs & Maintenance Expense for the FY 2024-25

(Rs. Crore)

Particular	FY 2024-25 Approved (31st March, 2022)	FY 2024-25 Projected
R&M Expenses	2.93	2.76

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 22-23 was Rs. 7.45 Crore. Further, Electricity Department, Transmission Division has estimated the A&G expense of Rs. 2.07 Crore for FY 23-24.

For projecting the A&G expenses for the FY 2024-25 the following formula has been used as given in the MYT Regulations:

A&Gn = (A&Gn-1) x (CPIinflation)

where:

A&Gn – Administrative and General expenses of the Distribution Licensee for the nth Year;

CPIinflation – 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 2024-25 is summarized in the Table below:

Table 21: Projected A&G Expenses for the FY 2024-25

(Rs. Crore)

Particular	FY 2024-25 Approved (31st March, 2022)	FY 2024-25 Projected
A&G Expenses	2.26	2.19

Electricity Department, Transmission Division, therefore, requests the Hon'ble Commission to approve the A&G expenses projected for the FY 2024-25.

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 2024-25 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 2024-25

(Rs. Crore)

Particulars	FY 2024-25 Approved (31st March, 2022)	FY 2024-25 Projected
Employee Cost	4.93	2.87
R&M	2.93	2.76
A&G	2.26	2.19
O&M Expenses	10.12	7.81

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 2024-25 given in the table below:

Table 23: Capital Expenditure for the FY 2024-25

(Rs. Crore)

Sr.No.	Name of Scheme	Total Estimated amount	Proposed Expenditure	
			2023-24	2024-25
1	Augmentation of 220/66KV Vaghchipa sub-station from 2x160MVA to 3x160MVA with associates 220KV bay and 66KV Bay in the UT of DNH and DD.	27.90	5.00	12.90
2	Supply installation testing and commissioning pof 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	0.25	1.39
	Total	**29.54**	**5.25**	**14.29**

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 2024-25 is summarized in Table below:

Table 24: Capital Expenditure & Capitalization for the FY 2024-25

(Rs. Crore)

Sr. No.	Particulars	Proposed Capital Expenditure and Capitalization		
		Total estimated amount	2023-24	2024-25
1	Capital Expenditure	29.54	5.25	14.29
2	Capitalization	29.54	0.00	1.64

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 22-23 was Rs. 297.97 Crore and the asset addition during the FY 2022-23 was Rs. 3.46 Crore. Thus, the closing GFA of FY 2022-23 was Rs. 301.43 Crore.

Assets amounting to Rs. 0.00 Crore have been estimated to be added in the GFA during FY 23-24.

Similarly, based on the capital expenditure plan as detailed above, Rs. 1.64 Crore is proposed to be capitalized during the FY 2024-25.

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 2024-25

(Rs. Crore)

Particulars	Opening GFA	Additions during the Year	Closing GFA
FY 2024-25 (Approved)	302.18	22.00	324.18
FY 2024-25 (Projected)	301.43	1.64	303.07

5.4 Depreciation

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

Depreciation for the for the FY 2024-25 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 2024-25. The Table below summarizes the asset-wise depreciation considered computed by Electricity Department, Transmission Division:

Table 26: Depreciation

(Rs. Crore)

Particulars	FY 2024-25 Approved (31st March, 2022)	FY 2024-25 Projected
Opening GFA	302.18	301.43
Addition during the year	22.00	1.64
Closing GFA	324.18	303.07
Average GFA	313.19	302.25
Depreciation during the year	16.22	15.61

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 2024-25 have been considered based on normative debt-equity ratio of 70:30 as per the MYT regulations, 2021.

Interest rate of 9.50% 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 2024-25 is summarized in Table below:

Table 27: Total Interest on Long-term Loans

(Rs. Crore)

Particulars	FY 2024-25 Approved (31st March, 2022)	FY 2024-25 Projected
Opening Loan	0.00	1.23
Loan for additional Capex (70:30 debt-equity)	15.40	1.15
Loan Repayment	16.22	15.61
Closing Loan	0.00	-13.23
Interest Cost on Avg. Loans	0.00	0.00

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 10.50% has been considered for the FY 2024-25 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 2024-25 considering the above methodology is summarized in the Table below:

Table 28: Interest on Working Capital for the FY 2024-25

(Rs. Crore)

Particulars	FY 2024-25 Approved (31st March, 2022)	FY 2024-25 Projected
Receivables equivalent to 45 days of fixed cost	4.42	3.99
Maintenance spares @15% of operation and maintenance expenses	1.52	1.17
Operation and maintenance expenses for one month	0.84	0.65
Total Working Capital requirement	6.77	5.81
Interest on Working Capital	**0.61**	**0.61**

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 2024-25 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 2024-25 in this Petition.

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

Table 29: Return on Equity for the FY 2024-25

(Rs. Crore)

Particulars	FY 2024-25 Approved (31st March, 2022)	FY 2024-25 Projected
Opening Equity	54.75	54.41
Addition in Equity on account of new capitalization (70:30 debt-equity)	6.60	0.49
Closing equity	61.35	54.90

Particulars	FY 2024-25 Approved (31st March, 2022)	FY 2024-25 Projected
Average Equity	58.05	54.65
Return on Equity	9.00	**8.47**

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 23-24, 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. The non-tariff income for the FY 2024-25 has been considered at the same level as estimated for 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 2024-25

(Rs. Crore)

Particulars	FY 2024-25 Approved (31st March, 2022)	FY 2024-25 Projected
Non tariff Income	0.13	0.15

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 2024-25.

Table 31: Aggregate Revenue Requirement for the FY 2024-25

(Rs. Crore)

Particulars	FY 2024-25 Approved (31st March, 2022)	FY 2024-25 Projected
O&M Expense	10.12	7.81
Depreciation	16.22	15.61
Interest Cost on Long-term Capital Loans	0.00	0.00
Interest on Working Capital Loans	0.61	0.61
Return on Equity	9.00	8.47
Total	35.95	32.51
Less:		
Non-Tariff Income	0.13	0.15
Annual Revenue Requirement	35.82	32.35

5.9 Coverage of Revenue Gap

Table 32 summarizes the ARR for Transmission Division, Electricity Department for FY 2022-23, FY 2023-24 and FY 2024-25 along with the revenue and the resulting revenue (gap)/surplus. The cumulative gap for the three years is Rs. 33.19 Crore as given in the table below.

Table 32: Revenue Gap for the FY 2024-25

(Rs. Crore)

Sr. No.	Particulars	2022-23 Actual	2023-24 Revised Estimates	2024-25 Projected
1	Total ARR	37.75	32.87	32.35
2	Revenue @ Existing Tariff	44.59	30.23	0.00
3	Total Revenue	44.59	30.23	0.00
4	Revenue (Gap) /Surplus(3-1)	6.83	(2.64)	(32.35)
	Covered By			
5	Previous Years' (Gap)/Surplus Carried Over	(3.88)	3.07	0.46
6	Total (Gap)/Surplus (4+5)	2.95	0.44	(31.90)
7	Carrying Cost	0.12	0.02	(1.29)
8	Total (Gap)/Surplus (4+5)	3.07	0.46	(33.19)

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

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

- Appropriate transmission cost to be recovered through Transmission Charges from Long Term Open Access consumers in terms of charges per unit or monthly fixed charges.

- Usage based charges for short term open access consumers.

Chapter 6: Tariff Determination

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

6.1 Determination of the transmission capacity of the system

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

Table 33: Transmission Capacity of the Transmission system

Tariff Determination	FY 23-24	FY 24-25
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 24-25
Aggregate revenue requirement (Rs. Crore)	**33.19**
Transmission Capacity (MW)	1294
Energy Required at periphery	7815.94
Long/Medium Term Transmission charges (Rs./MW/Month)	21378.99

Tariff Determination	FY 24-25
Short Term Open Access Transmission charges (Rs./MW/Day)	712.63

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 2024-25 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 24-25
Aggregate revenue requirement (Rs. Crore.)	33.19
Energy required at periphery (MUs)	7815.94
Transmission charges (Rs./unit)	0.04

Chapter 7: Directives

The Hon'ble Commission vide Tariff Order dated 30th March, 2023 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, 2021.

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 petition 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.

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 a separate ARR Petition for SLDC and transmission business separately while filing tariff petition for FY 2024-25.

Petitioner's Submission:

The ED-DNH would like to submit the separation of accounts of SLDC is under process.

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

Commission's direction:

The Commission directs the Petitioner to submit an action plan detailing the timeline of Merger of Transmission departments in Daman and Silvassa within 60 days from the issuance of this Order and conduct a fresh Intra State Load Flow Study and submit a compliance report for Commission's consideration along with ARR and Tariff Petition for FY 22024-25.

Petitioner's Submission:

The ED-DNH would like to submit that the merger of Transmission departments in Daman and Silvassa is under process. Further, the ED-DNH would submit Intra State Load Flow Study shortly to the Hon'ble Commission.

Directive 3: Energy Audit.

Commission's direction:

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.

Commission's direction:

The Commission directs the Petitioner to submit an action plan detailing the timeline of Merger of Transmission departments in Daman and Silvassa within 60 days from the issuance of this Order and conduct the energy audit of combined transmission system to access the actual transmission losses and submit the report as part of ARR and Tariff Petition of FY 2024-25.

Petitioner's Submission:

The ED-DNH would like to submit that the merger of Transmission departments in Daman and Silvassa is under process. Post the merger, the Energy Audit shall be conducted and the report will be submitted to the Hon'ble Commission.

Directive 4: Transmission System Availability.

Commission's direction:

The Commission directs the Petitioner to submit the details of Transmission Availability Report for DNH-T on monthly basis to the Commission starting from the month of April 2023.

Petitioner's Submission:

The ED-DNH would like to submit that the month wise transmission system availability has been submitted as part of Regulatory Formats being enclosed along with this Petition.

Directive 5: Quarterly Statement of Capital Expenditure

Commission's direction:

The Commission directs the petitioner to submit report on progress achieved towards execution and completion of the schemes undertaken by it in the existing Control Period on quarterly basis with regard to the Capital Expenditure and Capitalization approved for the schemes in the Business Plan for existing Control Period.

Petitioner's Submission:

The ED-DNH shall submit the progress report of the capital expenditure schemes to the Hon'ble Commission shortly.

Prayer

1. ED-DNH requests the Honorable Commission to:

    - Admit and approve the Aggregate Revenue Requirement for the FY 2024-25 and revised estimates for the FY 2023-24 as submitted herewith.

    - Admit and approve the True up for the FY 2022-23 as submitted herewith.

    - Approve the tariff proposal for the FY 2024-25 and make the proposed Transmission Tariffs applicable from April 1, 2024.

    - 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

कार्यपालक अभियंता (प्रसारण)
Executive Engineer (Trans.)
विद्युत विभाग
Electricity Department
दादरा एवं नगर हवेली
Dadra & Nagar Haveli
सिलवासा / Silvassa

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

Silvassa
Dated: 16-12-2023

FORMATS

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Note:

1. Electronic Copy of the Petition (in Word format) and detailed calculation as per these formats (in Excel format)

2. Formats may be suitably amended where ever required, and additional formats may be designed for any additional information to be submitted alongwith the Petition.

3. Formats may be suitably amended where ever required, and additional formats may be designed for any additional information to be submitted along with the Petition.

Form T1

Annual Revenue Requirement -Transmission Business

(₹ crore)

S. No.	Particulars	Ref. Form No.	Previous Year Actual	Current Year Estimated	Ensuing Year Projected
A	**Receipts**				
1	Revenue from Transmission Business and Ancillary Services		44.59	30.23	0.00
B	**Expenditure**				
1	Expenses for SLDC Fees and Charges				
2	O&M Expenses (Gross)		14.00	7.55	7.81
	a) R&M Expenses		3.97	2.76	2.76
	b) Employee Cost		2.58	2.72	2.87
	c) A&G Expenses		7.45	2.07	2.19
3	Depreciation		13.11	15.57	15.61
4	Interest and Finance Charges on Loan Capital		1.79	0.86	0.00
5	Interest Charges on Working Capital		0.72	0.61	0.61
6	Prior Period Expenses		0.00	0.00	0.00
7	Extraordinary Items		0.00	0.00	0.00
8	Other Debts and Write-Offs		0.00	0.00	0.00
9	Statutory Levies and Taxes if Any		0.00	0.00	0.00
10	Less: Expenses Capitalised		0.00	0.00	0.00
	a) Interest charges Capitalized		0.00	0.00	0.00
	b) R&M Expenses Capitalized		0.00	0.00	0.00
	c) A&G Expenses Capitalized		0.00	0.00	0.00
	d) Employee Cost Capitalized		0.00	0.00	0.00
	Sub Total (a+b+c+d)		0.00	0.00	0.00
	Sub Total Expenditure (1+2+3+4+5+6+7+8+9-10)		29.62	24.59	24.03
C	Return on Equity		8.35	8.43	8.47
D	Non-Tariff and other Income		0.22	0.15	0.15
E	**Annual Revenue Requirement (B+C-D)**		**37.75**	**32.87**	**32.35**
F	**Surplus (+) / Shortfall (-) (A-E) - Before Tariff Revision**		**6.83**	**-2.64**	**-32.35**

Note :

The above to be computed based on allocation statement that segregates costs between the Transmission Business and SLDC, until such time both activities are segregated.

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Form T2

Annual Revenue Requirement - SLDC Business

(₹ crore)

S. No.	Particulars	Previous Year	Current Year	Control Period		
		Actual	Estimated	Projection		
				1st Year	2nd Year	3rd Year
A	**Revenue**					
1	Revenue from Fees and Charges					
2	Other Income					
	Total Revenue or Income					
B	**Expenditure**					
1	O&M Expenses (Gross)					
	a) R&M Expenses					
	b) Employee Cost					
	c) A&G Expenses					
2	Depreciation					
3	Interest and Finance Charges on Loan Capital					
4	Interest Charges on Working Capital					
5	Prior Period Expenses				NA	
6	Extraordinary Items					
7	Other Debts and Write-Offs					
8	Statutory Levies and Taxes if Any					
9	Less: Expenses Capitalised					
	a) Interest Charges Capitalized					
	b) R&M Expenses Capitalized					
	c) A&G Expenses Capitalized					
	d) Employee Cost Capitalized					
	Subtotal (a+b+c+d)					
	Subtotal Expenditure (1+2+3+4+5+6+7+8-9)					
C	Return on Equity					
D	Non-Tariff and other Income					
E	**Annual Revenue Requirement (B+C-D)**					
F	**Surplus(+) / Shortfall(-)(A-E) - Before Tariff Revision**					

Note :

The above to be computed based on allocation statement that segregates costs between the Transmission Business and SLDC, until such time both activities are segregated.

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Form T3

Operations and Maintenance Expenses Summary

(Rs. Crore)

Sr. No.	Particulars	Previous Year				
		Tariff Order	April-March (Audited)	Deviation	Ensuing Year	Remarks
		(a)	(b)	(c) = (b) - (a)	Projected	
1	O&M Expenses	7.21	14.00	6.79	7.81	
1.1	Employee Expenses	3.04	2.58	-0.46	2.87	
1.2	R&M Expenses	2.98	3.97	0.99	2.76	
1.3	A&G Expenses	1.19	7.45	6.26	2.19	
2	O&M Expense capitalised	0.00	0.00	0.00	0.00	
3	**Total Operation & Maintenance Expenses (net of capitalisation)**	7.21	14.00	6.79	7.81	

15754/2023/Legal Section

Form T4

Rs. Crore

Sr. No.	Particulars	Approved O&M Expenses			3-Year Average	Ensuing Year	
		FY 2019-20	FY 2020-21	FY 2021-22			
		(a)	(b)	(c)	(d) = [(a)+(b)+(c)]/3	Normative	Projected
1	Employee Expenses	3.86	2.73	2.87	3.15		2.87
2	A&G Expenses	3.55	1.59	1.12	2.09		2.76
3	R & M Expenses	1.93	1.41	3.61	2.32		2.19
4	Total O&M Expenses	9.35	5.72	7.60	7.56		7.81

Form T5

Employee Expenses

(₹ crore)

	S.No	Particulars	Previous Year Actual	Current Year Estimated	Ensuing Year Projections
A		**Employee Cost (Other than covered in 'C'&'D')**			
	1	Salaries	1.33	1.41	1.48
	2	Dearness Allowance (DA)	0.81	0.86	0.90
	3	Other Allowances			
	4	Interim Relief / Wage Revision			
	5	Overtime			
	6	Bonus	0.02	0.02	0.02
	7	Generation Incentive			
	8	Any Other Item (specify)	0.23	0.24	0.26
		Sub Total	2.39	2.52	2.66
B		**Other Costs**			
	1	Medical Expenses Reimbursement			
	2	Travelling Allowance(Conveyance Allowance)	0.08	0.08	0.09
	3	Leave Travel Assistance			
	4	Payment Under Workman's Compensation Act			
	5	Electricity Concession to Employees			
	6	Other Staff Welfare Expenses	0.07	0.07	0.08
	7	Any Other Item (specify)			
		Sub Total			
C	1	**Apprentice and Other Training Expenses**			
D		**Contribution to Terminal Benefits**			
	1	Earned Leave Encashment	0.02	0.03	0.03
	2	Provident Fund Contribution			
	3	Provision for PF Fund			
	4	Pension			
	5	Gratuity			
	6	Ex-gratia			
	7	Any Other Item (specify)	0.01	0.01	0.02
		Sub Total			
E		**Grand Total (A+B+C+D)**	2.58	2.72	2.87
F		Employee Expenses Capitalized			
G		**Net Employee Expenses (E)-(F)**	2.58	2.72	2.87

Note :

2. The above information is to be provided in consolidated form in case of Transmission Licensee.

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Form T6

Employee Strength

S.No.	Particulars	Previous Year Actuals		Current Year Estimated		Ensuing Year Projections	
		Working Strength At The Beginning Of The Year	Sanctioned Strength At The Closing Of The Year	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Closing Of The Year	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Closing Of The Year
	Technical			4		4	4
1	Class I						
2	Class II						
3	Class III						
4	Class IV						
	Non - Technical			27		27	27
1	Class I						
2	Class II						
3	Class III						
4	Class IV						
	Total			31		31	31

Form T7

Administration & General Expenses

(₹ crore)

S.No		Particulars	Previous Year	Current Year	Control Period
					1st Year
			Actual	Estimated	Projected
A.	1	Advertisement Exp	0.01	0.01	0.01
	2	Office Exp	0.03	0.03	0.03
	3	Electricity Charges	0.00	0.00	0.00
	4	Lawyer Charges	0.00	0.00	0.00
	5	Consultancy Fees	0.04	0.05	0.05
	6	Bank Charges	0.00	0.00	0.00
	7	ARR Petition Charges	0.52	0.55	0.58
	8	AMC SLDC	0.00	0.00	0.00
	9	Cyber Security Charges - SLDC	0.00	0.00	0.00
	10	Internet charges	0.00	0.00	0.00
	11	Frieght Charges	0.07	0.07	0.08
	12	SLDC charges	6.77	1.36	1.44
H.		**Total Charges Chargeable To**	**7.45**	**2.07**	**2.19**

Note :

1. The above information is to be provided in consolidated form in case of Transmission Licensee.

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Form T8

Repair & Maintenance Expenses - Transmission Business

(₹ crore)

S.No.	Particulars	Previous Year	Current Year	Ensuing Year
		Actual	Estimated	Projected
1	Plant and Machinery			
A	Sub-Stations			
	i) 440 kV			
	ii) 220 kV			
	iii) 132 kV			
B	Others			
2	Buildings			
3	Civil Works			
4	Lines			
	i) 440 kV			
	ii) 220 kV			
	iii) 132 kV			
	iv) Cables			
5	Vehicles			
6	Furniture and Fixtures			
7	Office Equipments			
8	Station Supplies			
9	Maintenance by private agencies			
10	Any other item (specify)			
11	**Total R&M Expenses**	3.97	2.76	2.76
12	R&M Expenses Capitalized	0.00	0.00	0.00
13	**Net R&M Expense (11-12)**	3.97	2.76	2.76

Form T9

Repair & Maintenance Expenses - SLDC Business

(₹ crore)

S.No.	Particulars	Previous Year	Current Year	Control Period Projection		
		Actual	Estimated	1st Year	2nd Year	3rd Year
1	Plant and Machinery					
2	Building					
3	Civil Works					
4	Lines					
5	Vehicles		NA			
6	Furniture and Fixtures					
7	Office Equipments					
8	Station Supplies					
9	Maintenance by private agencies					
10	Any other item (specify)					
11	**Total R&M Expenses**					
12	R&M Expenses Capitalized					
13	**Net R&M Expenses (11-12)**					

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Form 10

Fixed Assets & Provision for Depreciation

(₹ crore)

S. No	Particulars	Amount (₹ crore) (A)	Contribution from Subsidies/ Grants/ Beneficiaries' Contribution / Consumers (B)	Value of Asset eligible for depreciation (A-B)	Rate of Depreciation (%)	Previous Year: Fixed Assets, excluding Consumer Contribution /Grants/Subsidies – At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year
1	Plant & Machinery				5.28%	288.35	3.40	0.00	291.75	12.91	291.75
2	Buildings				3.34%	3.97	0.00	0.00	3.97	0.16	3.97
3	Vehicles				9.50%	0.00	0.00	0.00	0.00	0.00	0.00
4	Furniture & Fixtures				6.33%	0.45	0.06	0.00	0.51	0.03	0.51
5	Computers & Others				6.33%	0.00	0.00	0.00	0.00	0.00	0.00
6	Land				0%	5.21	0.00	0.00	5.21	0.00	5.21
	TOTAL					297.57	3.46	0.00	301.43	13.11	301.43

Note :
1. The above information is to be provided in consolidated form in case of Transmission Licensee.
2. Rate of depreciation for the assets after a period of 12 years from the date of commercial operation is to be provided as per MYT Regulation.

S. No	Particulars	Current Year: Fixed Assets, excluding Consumer Contribution /Grants/Subsidies – At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year
1	Plant & Machinery	291.75	0.00	0.00	291.75	15.40	291.75
2	Buildings	3.97	0.00	0.00	3.97	0.13	3.97
3	Vehicles	0.00	0.00	0.00	0.00	0.00	0.00
4	Furniture & Fixtures	0.51	0.00	0.00	0.51	0.03	0.51
5	Computers & Others	0.00	0.00	0.00	0.00	0.00	0.00
6	Land	5.21	0.00	0.00	5.21	0.00	5.21
	TOTAL	301.43	0.00	0.00	301.43	15.57	301.43

Fixed Assets & Provision for Depreciation

(₹ crore)

S. No	Particulars	Ensuing Year: Fixed Assets, excluding Consumer Contribution /Grants/Subsidies – At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year
1	Plant & Machinery	291.75	1.64	0.00	293.39	15.45	293.39
2	Buildings	3.97	0.00	0.00	3.97	0.13	3.97
3	Vehicles	0.00	0.00	0.00	0.00	0.00	0.00
4	Furniture & Fixtures	0.51	0.00	0.00	0.51	0.03	0.51
5	Computers & Others	0.00	0.00	0.00	0.00	0.00	0.00
6	Land	5.21	0.00	0.00	5.21	0.00	5.21
	TOTAL	301.43	1.64	0.00	303.07	15.61	303.07

Note :
1. The above information is to be provided in consolidated form in case of
2. Rate of depreciation for the assets after a period of 12 years from the

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Form T11

Expenses for SLDC Fees & Charges

S. No	Particulars	Previous Year			Current Year						Control Period			Control Period		
								Ist Year			2nd Year			3rd Year		
		Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)
								NA								

Form T12

Return on Equity

(₹ crore)

S. No	Particulars	Previous Year	Current Year	Ensuing Year
		Actual	Estimated	Projection
1	Opening Balance of Equity	53.37	54.41	54.41
2	Net Additions during the Year	1.04	0.00	0.49
3	**Closing Balance of Equity**	54.41	54.41	54.90
4	**Rate of Return (%)***	**15.50%**	**15.50%**	**15.50%**
5	**ROE**	**8.35**	**8.43**	**8.47**

*To be based on rate applicable as per regulations

Form T13

Loan master for all loans

(₹ crore)

Particulars	Current Year				1st Year				2nd Year				3rd Year			
	Opening Balance	Repayments	Additions	Closing Balance	Opening Balance	Repaymen ts	Additions	Closing Balance	Opening Balance	Repayment s	Additions	Closing Balance	Opening Balance	Repayment s	Addition s	Closing Balance
Secured Loans																
Loan 1																
Loan 2																
Unsecured Loans							NA									
Loan 1																
Loan 2																

Notes:

1. Source of Loan means the agency from whom the loan has been taken, such as PFC, REC, ADB etc.
2. Amount repayable is based on the schedule of repayment.
3. Base rate means the base such as PLR, LIBOR etc. over which a margin is to be added.
4. Margin means the points over and above the floating rate.
5. At times caps/floor are put at which the floting rates are frozen. If such a condition exists, specify the limits.
6. Moratorium period refers to the period during which loan servicing liability is not required.
7. Repayment period means the number of years in which the loan is required to be repaid such as 10 years, 12 years etc.
8. Repayment frequency refers to the interval at which the debt servicing is to be done such as quarterly, half yearly, yearly etc.

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Form T14

Year-wise Capital Expenditure

Details of Capital Expenditure-scheme-wise							Source of Financing for Capex During the Year				
							Equity component of Capex in				
Name of scheme/ Project	Nature of Project (Select appropriate Code)	Year of Start	Capex Approved	Cumulative expenditure till beginning of the Year	Capex during the Year	Total Capex till end of the Year	Internal Accrual (from free reserves and surplus)	Equity Infused*	Capital Subsidies/ grants component (as applicable)	Consumer Contribution component (as applicable)	Loan
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.		FY 2023-24	No						Government funds		
Supply installation testing and commissioning pof 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 2023-24	No						Government Funds		

Notes:

1. The above information is to be provided in consolidated form for Transmission Licensee

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Form
T15

Capital Works in Progress

(₹ crore)

S. No.	Particulars	Previous Year					Current Year				1st Year				2nd Year				3rd Year			
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Project 1																					
2	Project 2									NA												
3	Project 3																					
	TOTAL																					

Note :

1. The above information is to be provided in consolidated for Licensee Licensee.

Form T16

Interest and Finance Charges

(₹ crore)

S. No.		Loan Source	Rate of Interest	Interest Due		
				Previous Year	Current Year	Ensuing Year
			%			
I		Existing Loans				
A		Secured Loans				
	1	Loan 1				
	2	Loan 2				
	3	Loan 3				
	4	Loan 4				
	5	Sub Total				
B		Unsecured Loans				
	1	Loan 1				
	2	Loan 2				
	3	Loan 3				
	4	Loan 4				
	5	Sub Total				
II		New Loans				
A		Secured Loans				
	1	Loan 1				
	2	Loan 2				
	3	Loan 3				
	4	Loan 4				
	5	Sub Total				
B		Unsecured Loans				
	1	Loan 1				
	2	Loan 2				
	3	Loan 3				
	4	Loan 4				
	5	Sub Total				
III		Other Interest & Finance Charges				
	1	Cost of raising Finance / Bank Charges				
	2	Interest on Security Deposit				
	3	Penal Interest Charges				
	4	Lease Rentals				
	5	Sub Total				
D		Grand Total of Interest & Finance Charges (I.A.5 + I.B.5 +II.A.5 + II.B.5 + III.5)		1.79	0.86	0.00
E		Less: Interest & Finance Charges Capitalised		0.00	0.00	0.00
F		Net Interest & Finance Charges (D - E)		1.79	0.86	0.00

Note :

1. The above information is to be provided in consolidated forTransmission Licensee.

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Form T18

Details of Expenses Capitalised

(₹ crore)

S.No.	Particulars	Previous Year	Current Year	Ensuing Year
		Actual	Estimated	Projection
1	Interest & Finance charges Capitalised	0.00	0.00	0.00
2	Employee Expenses Capitalised	0.00	0.00	0.00
3	A&G Expenses Capitalised	0.00	0.00	0.00
4	R&M Expenses Capitalised	0.00	0.00	0.00
5	Any Other Expenses	0.00	0.00	0.00
	Grand Total	**0.00**	**0.00**	**0.00**

Note :

1. The above information is to be provided in consolidated for Transmission Licensee.

Form T19

Debits, Write-offs and Any Other Items

(₹ crore)

S. No	Particulars	Previous Year Actual	Current Year Estimated	Ensuing Year Projection
1	Material Cost Variance	0.00	0.00	0.00
2	Miscellaneous Losses and Written Off	0.00	0.00	0.00
3	Bad Debt Written Off/Provided For	0.00	0.00	0.00
4	Cost of Trading & Manufacturing Activities	0.00	0.00	0.00
5	Net Prior Period Credit/Charges	0.00	0.00	0.00
6	Sub Total	0.00	0.00	0.00
7	Less Chargebale to Capital Expenses	0.00	0.00	0.00
8	Net Chargeable to Revenue	-	-	-

Note :

1. The above information is to be provided in consolidated forTransmission Licensee.

Form T20

S.No	Particulars	Previous year Actual line K.M				Current Year Estimated			Ensuing Year Projections		
		At the start of year	Additions during the year	Withdrawal from service	At the end of year	Additions during the year	Withdrawal from service	At the end of year	Additions during the year	Withdrawal from service	At the end of year
1	**Length of lines (ckt-km)**										
	a) 400 kV										
	i) Single Circuit										
	ii) Double Circuit										
	b) 220 kV										
	i) Single Circuit										
	ii) Double Circuit	35.68	2.5		38.18			38.18			38.18
	c) 132 kV										
	i) Single Circuit										
	ii) Double Circuit										
	Total										
2	**Number of Sub-Stations**										
	i) 400 kV										
	ii) 220 kV	2	1		3			2	1		3
	iii) 132 kV										
	Total										
3	**Number of Bays**										
	a) Number of Incoming Bays at										
	i) 400 kV Sub-Station										
	ii) 220 kV Sub-Station	14	2		16			14	2		16
	iii) 132 kV Sub-Station										
	b) Number of Outgoing Bays at										
	i) 400 kV Sub-Station of										
	(a) 220 kV	4	2		6						
	(b) 132 kV										
	(c) Others										
	ii) 220 kV Sub-Station of										
	(a) 132 kV										
	(b) 66 kV										
	(c) others										

Form T20

S.No	Particulars	Previous year Actual line K.M				Current Year Estimated			Ensuing Year Projections		
		At the start of year	Additions during the year	Withdrawal from service	At the end of year	Additions during the year	Withdrawal from service	At the end of year	Additions during the year	Withdrawal from service	At the end of year
	iii) 132 kV Sub-Station of										
	(a) 66 kV										
	(b) Others										
	c) Total Number of Bays										
4	No. of Transformers at										
	i) 400 kV Sub-Station										
	ii) 220 kV Sub-Station	16	4		20			16	4		20
	iii) 132 kV Sub-Station										
5	Transformation Capacity (MVA) of										
	i) 400 kV Sub-Station										
	ii) 220 kV Sub-Station	1000	320		1320			1320	0		1320
	iii) 132 kV Sub-Station										
4	Intra State Transmission Losses (%)	1.12			1.24			1.08			1.08
5	Availability (%)										
	a) 400 kV Lines										
	i) Single Circuit										
	ii) Double Circuit										
	b) 220 kV lines										
	i) Single Circuit										
	ii) Double Circuit	97	96		97			98			98
	c) 132 kV Lines										
	i) Single Circuit										
	ii) Double Circuit										
	d) Transformers										
	i) 400 kV Sub-Station										
	ii) 220 kV Sub-Station										
	iii) 132 kV Sub-Station										
	e) SVCs										
	f) Bus Reactors										
6	Number of Meters										
	(a) Total no. interface points with Gencos										
	i) No. of interface points with ABT compliant meters	7	2		9						
	i) No. of interface points with non-ABT compliant meters										
	iii) No. of interface points without meters										
	b) Total no. interface points with Discoms										
	i) No. of interface points with ABT compliant meters										
	i) No. of interface points with non-ABT compliant meters										
	iii) No. of interface points without meters										
	Total										
7	Employee Strength										
	Technical										
	Non- Technical										
8	Total										

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Form T21

Particulars	Unit	Current Year	Ensuing Year
Rate of Return on Equity	%	**15.50%**	**15.50%**
Target Availability	%	99%	99%
Normative O&M Expenses for WC	in Month	1	1
Spares for WC as % of O&M	%	15.00	15.00
Receivables in Months for WC	Months	1.5	1.5

Form T23

Energy Balance

(₹ crore)

S. No.	Particulars	Unit	Previous Year	Current Year	Ensuing Year
			Actuals	Estimated	Projected
1	**Energy Input into Transmission System**				
	a) Energy from sources inside the State (G-T Interface)	MU			
	b) Energy from Sources outside the State (Inter state-intra state transmission system interface)	MU			
	c) Total (a+b)	MU		NA	
2	Energy transmitted to Distribution Licensees (T-D Interface)	MU			
3	Energy transmitted to EHT Consumers				
4	Energy transmitted to Open Access Customers	MU			
5	Energy transmitted for Intra State Sale	MU			
6	Total input energy of transmission license	MU			
7	Total output energy of transmission license	MU			
8	**Intra State Transmission Loss**	%			

Projection of Energy Sales

A) Energy Sales/Transmitted (in MU)

S. No	Category	Previous Year Actual	Current Year Estimated	Ensuing Year Projections
1	Distribution Licensees (T-D Interface)			
2	CPP Consumers Connected to Transmission System			
3	Consumers Connected to Transmission System			
4	Open Access Customers Connected to Transmission System			
	a) Long Term Customers			
	b) Medium Term Customers			
	b) Short Term Customers			
5	Other Customers/Consumers			
	Grand Total			

B) Connected Load (in MW)

S. No	Category	Previous Year Actual	Current Year Estimated	Ensuing Year Projections
1	Distribution Licensees (T-D Interface)	1294	1294	1294
2	CPP Consumers Connected to Transmission System			
3	Consumers Connected to Transmission System			
4	Open Access Customers Connected to Transmission System			
	a) Long Term Customers			
	b) Medium Term Customers			
	b) Short Term Customers			
5	Other Customers/Consumers			
	Grand Total	1294	1294	1294

C) Maximum or Peak Demand (in MW)

S. No	Category	Previous Year Actual	Current Year Estimated	Ensuing Year Projections
1	Distribution Licensees (T-D Interface)			
2	CPP Consumers Connected to Transmission System			
3	Consumers Connected to Transmission System			
4	Open Access Customers Connected to Transmission System			
	a) Long Term Customers			
	b) Medium Term Customers			
	b) Short Term Customers			
5	Other Customers/Consumers			
	Grand Total	895	914	930

D) Minimum Demand (in MVA)

S. No	Category	Previous Year Actual	Current Year Estimated	Ensuing Year Projections
1	Distribution Licensees (T-D Interface)			
2	CPP Consumers Connected to Transmission System			
3	Consumers Connected to Transmission System			
4	Open Access Customers Connected to Transmission System			
	a) Long Term Customers			
	b) Medium Term Customers			
	b) Short Term Customers			
5	Other Customers/Consumers			
	Grand Total			

E) Average Demand (in MVA)

S. No	Category	Previous Year Actual	Current Year Estimated	Ensuing Year Projections
1	Distribution Licensees (T-D Interface)			
2	CPP Consumers Connected to Transmission System			
3	Consumers Connected to Transmission System			
4	Open Access Customers Connected to Transmission System			
	a) Long Term Customers			
	b) Medium Term Customers			
	b) Short Term Customers			
5	Other Customers/Consumers			
	Grand Total			

Form-T 25

Revenue from Tariff & Charges

(A) Revenue from Intrastate Wheeling of Power:

Sr.No.	Particulars	Transmission Capacity Allocated	Previous Year Actuals										
			Maximum Demand		Units Transmitted		Revenue from Transmission Charges	Revenue from Reactive Energy Charges	External Expenses/ Subsidy/ Govt support	Total Realization	Collection against Revenue Demand	Collection Efficiency	No. of Consumers
		MW	MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Distribution Licensee (T-D Interface)	1294		895			44.59			44.59	44.59	100%	1
2	CPP Consumers Connected to Transmission System												
3	EHT Consumers Connected to Transmission System												
4	Open Access Consumers Connected to Transmission System :												
	a) Long Term Customers												
	b) Medium Term Customers												
	c) Short Term Customers												
5	Other Consumers												
	Grand Total												

Sr.No.	Particulars	Transmission Capacity Allocated	Current Year Projections										
			Maximum Demand		Units Transmitted		Revenue from Transmission Charges	Revenue from Reactive Energy Charges	External Expenses/ Subsidy/ Govt support	Total Realization	Collection against Revenue Demand	Collection Efficiency	No. of Consumers
		MW	MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)	
1	2	15	16	17	18	19	20	21	22	23	24	25	26
1	Distribution Licensee (T-D Interface)	1294		914			30.23			30.23	30.22	100%	1
2	CPP Consumers Connected to Transmission System												
3	EHT Consumers Connected to Transmission System												
4	Open Access Consumers Connected to Transmission System :												
	a) Long Term Customers												
	b) Medium Term Customers												
	c) Short Term Customers												
5	Other Consumers												
	Grand Total												

Sr.No.	Particulars	Transmission Capacity Allocated	Control Period Projections (1st Year)										
			Maximum Demand		Units Transmitted		Revenue from Transmission Charges	Revenue from Reactive Energy Charges	External Expenses/ Subsidy/ Govt support	Total Realization	Collection against Revenue Demand	Collection Efficiency	No. of Consumers
		MW	MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)	
1	2	27	28	29	30	31	32	33	34	35	36	37	38
1	Distribution Licensee (T-D Interface)	1294		933			33.18			33.18	33.18	100%	
2	CPP Consumers Connected to Transmission System												
3	EHT Consumers Connected to Transmission System												
4	Open Access Consumers Connected to Transmission System :												
	a) Long Term Customers												
	b) Medium Term Customers												
	c) Short Term Customers												
5	Other Consumers												
	Grand Total												

b) Revenue from other Charges

S. No.	Particulars	Previous Year Actual				Current Year Estimated				Control Period (Projections) 1st Year				2nd Year				3rd Year			
		Cess	Meter Rent	Surcharge	Other Misc. revenue	Cess	Meter Rent	Surcharge	Other Misc. revenue	Cess	Meter Rent	Surcharge	Other Misc. revenue	Cess	Meter Rent	Surcharge	Other Misc. revenue	Cess	Meter Rent	Surcharge	Other Misc. revenue
		₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	Distribution Licensee (T-D Interface)																				
2	CPP Consumers Connected to Transmission System																				
3	EHT Consumers Connected to Transmission System																				
4	Open Access Customers Connected to Transmission System :																				
	a) Long Term Customers																				
	b) Medium Term Customers																				
	c) Short Term Customers																				
5	Other Consumers																				
	Grand Total																				

Form T26

Demand in MW (Peak)

(MVA)

S. No.	Particulars	Months in the Financial Year April	May	June	July	August	September	October	November	December	January	February	March
1	Distribution Licensees (T-D Interface)	853	730	823	855	874	866	872	865	852	871	875	895
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers												
	b) Medium Term Customers												
	b) Short Term Customers												
5	Other Customers/Consumers												
	Grand Total	853	730	823	855	874	866	872	865	852	871	875	895

This information is to be provided for previous year, current year and each year of control period.

Demand in MVA (Off Peak)

(MVA)

S. No.	Particulars	Months in the Financial Year April	May	June	July	August	September	October	November	December	January	February	March
1	Distribution Licensees (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers												
	b) Medium Term Customers												
	b) Short Term Customers												
5	Other Customers/Consumers												
	Grand Total												

This information is to be provided for previous year, current year and each year of control period.

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Form T26

Demand in MW (Peak)

(MVA)

S. No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
		Months in the Financial Year											
1	Distribution Licensees (T-D Interface)	890	888	898	870	875	883	886	886	891	904	914	
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers												
	b) Medium Term Customers												
	b) Short Term Customers												
5	Other Customers/Consumers												
	Grand Total	890	888	898	870	875	883	886	886	891			

This information is to be provided for previous year, current year and each year of control period.

Demand in MVA (Off Peak)

(MVA)

S. No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
		Months in the Financial Year											
1	Distribution Licensees (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers												
	b) Medium Term Customers												
	b) Short Term Customers												
5	Other Customers/Consumers												
	Grand Total												

This information is to be provided for previous year, current year and each year of control period.

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Form T26

Demand in MW (Peak)

(MVA)

S. No.	Particulars	Months in the Financial Year											
		April	May	June	July	August	September	October	November	December	January	February	March
1	Distribution Licensees (T-D Interface)	895	893	900	889	891	890	893	897	899	910	922	930
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers												
	b) Medium Term Customers												
	b) Short Term Customers												
5	Other Customers/Consumers												
	Grand Total	895	893	900	889	891	890	893	897	899	910	922	930

This information is to be provided for previous year, current year and each year of control period.

Demand in MVA (Off Peak)

(MVA)

S. No.	Particulars	Months in the Financial Year											
		April	May	June	July	August	September	October	November	December	January	February	March
1	Distribution Licensees (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers												
	b) Medium Term Customers												
	b) Short Term Customers												
5	Other Customers/Consumers												
	Grand Total												

This information is to be provided for previous year, current year and each year of control period.

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Form T27

Working Capital Requirement - Transmission/SLDC Business

(₹ crore)

S.No.	Particulars	Previous Year Actual	Current Year Estimated	Ensuing Year Projections
1	O&M Expenses			
a.	R&M Expenses	3.97	2.76	2.76
b.	A&G Expenses	7.45	2.07	2.19
c.	Employee Expenses	2.58	2.72	2.87
d.	Total (a+b+c)	14.00	7.55	7.81
e.	O&M Expenses for 1 month	1.17	0.63	0.65
2	Receivables equivalent to 45 days of Fixed Cost calculated on Normative Target Availability	4.65	4.05	3.99
3	Maintenance Spares @15% of O&M Expenses	2.10	1.13	1.17
	Total Working Capital (1(e) + 2+ 3)	**7.92**	**5.81**	**5.81**
4	**Interest Rate***	**9.10%**	**10.50%**	**10.50%**
5	**Interest on Working Capital**	**0.72**	**0.61**	**0.61**

*** The Interest rate for this purpose shall be the rate as specified under MYT Regulations.**

Form T28

Income from Investments and Other Non-Tariff Income- Transmission/SLDC Business

(₹ crore)

S. No.	Particulars	Previous Year	Current Year	Ensuing Year
		Actual	Estimated	Projections
A	**Income from Investment, Fixed & Call Deposits**			
1	Interest Income from Investments			
2	Interest Income from Fixed Deposits			
3	Interest Income from Banks other than from Fixed Deposits			
4	Interest Income from any other source			
	Sub-Total			
B	**Other Non-Tariff Income**			
1	Interest on Loans and Advances to Staff			
2	Interest on Loans and Advances to Licensee			
3	Interest on Loans and Advances to Lessors			
4	Interest on Advances to Suppliers / Contractors			
5	Income from Trading (other than Electricity)			
6	Gain on Sale of Fixed Assets			
7	Income/Fee/Collection against Staff Welfare Activities			
8	Miscellaneous Receipts			
9	Delayed Payment Charges from Consumers			
10	Income from Miscellaneous Charges as per Schedule of General and Service Charges from Consumers			
11	Income from Other Business			
12	Income from Dis-investment / Sale of Assets (if any)			
13	Any other income (specify)			
14	O&M OF PGCIL	0.07	0.07	0.07
15	STOA INCOME	0.08	0.08	0.08
16	Other Income	0.07	0.00	0.00
17	Tender fees	0.00	0.00	0.00
	Sub-Total	0.22	0.15	0.15
	Total	0.22	0.15	0.15

Note:
This format shall be filed separately for the following:
a) Consolidated for Transmission Licensee/STU
b) Transmission Business
c) SLDC Business

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Form T29

Contributions, Grants and Subsidies towards Cost of Capital Assets- Transmission/SLDC Business

(₹ crore)

S. No	Particulars	Previous Year Actual			Current Year Estimated		Ensuing Year Projections	
		Balance at the beginning of the year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year
1	Consumer Contribution Towards Cost of Capital Assets							
2	Subsidies Towards Cost of Capital Assets							
3	Grants Towards Cost of Capital Assets							
					NA			
	Total							

Note:

1. The above details are to be provided Sub-Station and Transmission Line wise (voltage wise)
2. This format shall be filed separately for the following:

a) Transmission Business
b) SLDC Business

Form T30

Existing & Proposed Tariff Schedule - Transmission Business

S. No.	User Type	Previous Year			Current Year			Ensuing Year		
		Actual			Estimated			Projections		
		Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)
1	Distribution Licensee	1294	24936.43	38.72	1294	19476.39	30.23	1294	21378.99	33.19
2	CPP Wheeling									
3	EHT Consumer Wheeling									
4	Other States Energy Wheeling									
5	Open Access Consumers:									
	a) Long term Consumers									
	b) Medium term Consumers									
	b) Short term Consumers									
6	Other Customers									

Form T30

Revenue from Current Tariffs in Ensuing Years -Transmission Business

S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MW)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore)	Proposed Realization Rate (₹/ unit)	Transmission charge in ₹/unit
1	Distribution Licensee		1294	19476.39	30.24		
2	CPP Wheeling						
3	EHT Consumer Wheeling						
4	Other States Energy Wheeling						
5	Open Access Consumers:						
	a) Long term Consumers						
	b) Medium term Consumers						
	b) Short term Consumers						
6	Other Customers						

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Form T32

Revenue from Proposed Tariffs in Ensuing Year- Transmission Business

S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MW)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore) without tax	Proposed Realization Rate (₹/ unit)	Transmission Charge in ₹/unit	Expected additional Revenue at proposed charges (₹ crore for Full Year	Proposed Percentage Increase (%)
1	Distribution Licensee		1294	21378.99	33.19				
2	CPP Wheeling								
3	EHT Consumer Wheeling								
4	Other States Energy Wheeling								
5	Open Access Consumers:								
	a) Long term Consumers								
	b) Medium term Consumers								
	b) Short term Consumers								
6	Other Customers								

Form T33

Losses in the Transmission System

(MU)

		Particulars	Previous Year	Current Year	Ensuing Year
			Actual	Estimated	Projections
A		**Losses in EHT System (400 kV)**			
	1	Energy received into the system			
	2	Energy Transmitted at this voltage level to consumers/beneficiaries			
	3	Energy transmitted to the next (lower) voltage level			
	4	Energy Lost (1-2-3)			
	5	**Total Loss in the System (4/1)**			
B		**Losses in EHT System (220 kV)**			
	1	Energy received into the system	2265449804	2475025400	
	2	Energy sold at this voltage level	178303057	299210673	
	3	Energy transmitted to the next (lower) voltage level	2075202450	2140182500	
	4	Energy Lost (1-2-3)	4518955311	4914418573	
	5	**Total Loss in the System (4/1)**	1.994727627	1.985603288	
C		**Losses in EHT System (132 kV)**			
	1	Energy received into the system			
	2	Energy sold at this voltage level			
	3	Energy transmitted to the next (lower) voltage level			
	4	Energy Lost (1-2-3)			
	5	**Total Loss in the System (4/1)**			
D		**Overall Losses**			
	1	Energy Received (A1+B1+C1)			
	2	Energy Lost (A4+B4+C4)			
	3	Total Transmission Loss (2/1)			

Form T34

Voltage Wise System Losses - Month Wise

(MU)

S. No.	Particulars	Month wise Details											
		April	May	June	July	August	September	October	November	December	January	February	March
A	System Losses at 400 KV												
B	System Losses at 220 KV	-0.40	-0.70	-0.56	-1.85	-1.38	-0.43	8.24	-1.65	-0.48	0.26	0.38	0.17
C	System Losses at 132 KV												
E	Overall Losses												

Note:

The above information shall be filed for the previous year, current year and entire control period.

Form T35

Voltage Wise System Losses (Peak) - Month Wise

(MU)

S. No.	Particulars	Month Wise Details											
		April	May	June	July	August	September	October	November	December	January	February	March
A	System Losses at 400 KV												
B	System Losses at 220 KV	-0.40	-0.70	-0.56	-1.85	-1.38	-0.43	8.24	-1.65	-0.48	0.26	0.38	0.17
C	System Losses at 132 KV												
E	Overall Losses												

Note:

The above information shall be filed for the previous year, current year and entire control period.

Form T36

Voltage Wise System Losses (Off Peak) - Month Wise

(MU)

S. No.	Particulars	Month wise Details											
		April	May	June	July	August	September	October	November	December	January	February	March
A	System Losses at 400 KV												
B	System Losses at 220 KV	-0.40	-0.70	-0.56	-1.85	-1.38	-0.43	8.24	-1.65	-0.48	0.26	0.38	0.17
C	System Losses at 132 KV												
E	Overall Losses												

Note:
The above information shall be filed for the previous year, current year and entire control period.

Form T37

Outages of Transmission Lines, Substations and outages due to tripping of HT feeders

S.No	Particulars	Previous Year			Current Year			Corrective Measures Proposed in the Ensuing Years to Avoid Trippings	Control Period Projections								
	Feeder & Sub-Stations details	Time of Outage			Time of Outage				Time of Outage (1st Year)			Time of Outage (2nd Year)			Time of Outage (3rd Year)		
		Number	Minutes	Total Minutes	Number	Minutes	Total Minutes		Number	Minutes	Total Minutes	Number	Minutes	Total Minutes	Number	Minutes	Total Minutes
1	400 kV Level																
a)	Feeders																
b)	Transformers																
c)	Sub-Station																
d)	Line																
e)	Bus Reactor																
f)	SVCs																
2	220 kV Level																
a)	Feeders																
b)	Transformers	28		37933	21		27177										
c)	Sub-Station																
d)	Line	20		21387	8		2002										
e)	Bus Reactor																
f)	SVCs																
3	132 kV Level																
a)	Feeders																
b)	Transformers																
c)	Sub-Station																
d)	Line																
e)	Bus Reactor																
f)	SVCs																
4	66 kV Level																
a)	Feeders	106		64182	73		156692										
b)	Transformers	55		36291	51		30484										
c)	Sub-Station																
d)	Line																
e)	Bus Reactor																
f)	SVCs																

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Form T38

Failure of Transformers

S.No	Particulars	Previous Year Actual		Current Year Estimated		Control Period Projection					
						1st Year		2nd Year		3rd Year	
		Number	%	Number	%	Number	%	Number	%	Number	%
1	EHT Transformer										
	i) 400 kV Sub-Stations										
	ii) 220 kV Sub-Stations										
	iii) 132 kV Sub-Stations										
2	Power Transformer (HT)										
	i) 400 kV Sub-Stations										
	ii) 220 kV Sub-Stations	NIL		NIL		NIL		NIL		NIL	
	iii) 132 kV Sub-Stations										

Form T39

Peak Demand in MW

(MW)

S.No.	Particulars	Actual FY (n-5)	Actual FY (n-4)	Actual FY (n-3)	Actual FY (n-2)	Actual FY (n-1)	Previous Year Actuals	Current Year Estimate	Ensuing Year Projections
1	Peak Period								
	a) Winter						950	950	
	b) Summer						980	980	
	c) Other								
2	Maximum Peak Demand								
	a) Restricted						932	932	
	b) Unrestricted								
3	Peak Availability Assessed								
4	Shortfall in meeting Peak Demand								
	a) Restricted								
	b) Unrestricted								

Note :
Details of Peak Demand and Load Rostering may be provided along with this format i.e, in terms of MW, MU and number of hours per day.

Form T40

Month-wise Peak Demand

(MW)

S.No.	Particulars	Actual FY (n-5)	Actual FY (n-4)	Actual FY (n-3)	Actual FY (n-2)	Actual FY (n-1)	Previous Year Actuals	Current Year Estimate	Ensuing Year Projections
1	Peak Period								
	a) Morning						876	876	
	b Afternoon						860	860	
	c) Evening						926	926	
	d) Night						895	895	
2	Maximum Peak Demand								
	a) Restricted						950	950	
	b) Unrestricted								
3	Peak Availability Assessed								
4	Shortfall in meeting Peak Demand								
	a) Restricted								
	b) Unrestricted								

Note :
Details of Peak Demand and Load Rostering may be provided along with this format i.e, in terms of MW, MU and number of hours per day.

Form T41

Month-wise Off Peak Demand

(MW)

S.No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
1	Peak Period												
	a) Morning	874	875	870	882	919	880	874	857	848	856	870	86[illegible]
	b) Afternoon	862	844	847	857	902	864	838	854	815	839	846	848
	c) Evening	910	912	909	944	920	912	883	900	872	898	890	886
	d) Night	899	892	904	916	926	909	871	864	846	852	860	848
2	Maximum Peak Demand												
	a) Restricted												
	b) Unrestricted												
3	Peak Availability Assessed												
4	Shortfall in meeting Peak Demand												
	a) Restricted												
	b) Unrestricted												

Note :
Details of Peak Demand and Load Rostering may be provided along with this format i.e, in terms of MW, MU and number of hours per day.

Form T42

Income Tax Provisions

(₹ crore)

S. No.	Particulars	Previous Year	Current year	Control Period		
		Actual	Estimated	Projection		
				1st Year	2nd Year	3rd Year
1	Provision made/Proposed for the Year					
2	Details as per Return filed for the Year					
3	As Assessed for the Year		NA			
4	Credit/Debit of Assessment Year (Give Details)					
	Total					

Form T43

Transmission Availability (%)

Months	Previous Year	Current year	Control Period		
	Actual	Estimated	Projection		
			1st Year	2nd Year	3rd Year
April	100	100			
May	99.96	100			
June	99.60	100			
July	100	99.69			
August	99.4	100			
September	98.52	98.65			
October	99.25	99.1			
November	57.3	100			
December	100	100			
January	98.9	98.69			
February	100	100			
March	97.57	99.24			

VOLUME-II

J V P G &
ASSOCIATES
Chartered Accountants

CA

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

FOR THE PERIOD

F.Y 2022-2023

CA POONAM P. GHORELA
M.Com, FCA
+91 9638943223
cavarma.poonam@gmail.com
Offine No 611A/B, 6th Floor, Sonorus The Business Gateway, Station Road, Vapi – 396195.

Electricity Department (Transmission Division)
4th Floor, VIDYUT BHAWAN,
Near SECRETERIAT,
SILVASSA - Dadra & Nagar Haveli
Balance Sheet as at 31-Mar-2023

	Particulars	Note No.	As at 31-Mar-2023	As at 31-Mar-2022
			Amount in Rs.	**Amount in Rs.**
I.	**EQUITY AND LIABILITIES**			
1	**Shareholders' Funds**			
	(a) Share Capital		-	-
	(b) Reserves and Surplus	1	1,510,072,379	4,041,243,548
	(c) Money Received Against Share Warrants		-	-
	Total		**1,510,072,379**	**4,041,243,548**
2	**Share Application money pending allotn**			
3	**Non-Current Liabilities**			
	(a) Long-Term Borrowings		-	-
	(b) Deferred Tax Liabilities (Net)		-	-
	(c) Other Long-Term Liabilities		-	-
	(d) Long-Term Provisions		-	-
	Total		**-**	**-**
4	**Current Liabilities**			
	(a) Short-Term Borrowings			
	(b) Trade Payables	2	8,392,290	25,047,636
	(c) Other Current Liabilities	3	1,409,119	1,857,472
	(d) Short-Term Provisions	4	332,290	128,707
	Total		**10,133,699**	**27,033,815**
	Grand Total		**1,520,206,078**	**4,068,277,363**
II.	**ASSETS**			
1	**Non-Current Assets**			
	(a) Fixed Assets	5	1,465,192,672	1,561,707,030
	(b) Non-Current Investments		-	-
	(c) Deferred Tax Assets (Net)		-	-
	(d) Long-Term Loans and Advances		-	-
	(e) Other Non-Current Assets		-	-
	Total		**1,465,192,672**	**1,561,707,030**
2	**Current Assets**			
	(a) Current Investments		-	-
	(b) Inventories		-	-
	(c) Trade receivables	6	21,381,382	43,172,347
	(d) Cash and Cash Equivalents	7	33,632,024	-
	(e) Short-Term Loans and Advances	8	-	128,379,527
	(f) Other Current Assets	9	-	16,854,415
	Total		**55,013,406**	**188,406,289**
3	**Misc Expense (Assets)**	10	-	**2,318,164,044**
	Grand Total		**1,520,206,078**	**4,068,277,363**
	Significant Accouting policies & Notes to Fianacial stateemnts	1--12		

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

Poonam Ghorela
(Partner)
Firm Registration Number - 156472W
M.N. 153544
UDIN : 23153544BGYNOA7335

JVPG & ASSOCIATES * FRN - 156472W * CHARTERED ACCOUNTANTS

For, Electicity Department, D&NH.

कार्यपालक अभियंता (प्रसारण)
Executive Engineer (Trans)
विद्युत विभाग
Electricity Department
दादरा एवं नगर हवेली
Dadra & Nagar Haveli
सिलवासा/Silvassa

15754/2023/Legal Section

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

Statement of Profit and Loss for the year ending on 31-Mar-2023 — In (Rupees) — In (Rupees)

	Particulars	Note No.	For year ending on 31-Mar-2023	For year ending on 31-Mar-2022
I	Revenue from Operations	10	448,060,710	514,168,948
II	Other Income			-
III	**TOTAL REVENUE (I + II)**		**448,060,710**	**514,168,948**
IV	**EXPENSES**			
	Rebate		3,929,919	-
	Changes in Inventories		-	-
	Employee Benefit Expenses	11	25,763,821	25,561,970
	Finance Costs		-	-
	Depreciation and Amortization Expenses		131,084,004	151,433,748
	Other Expenses	12	114,195,376	46,617,109
	TOTAL EXPENSES		**274,973,120**	**223,612,827**
V	**Profit before Exceptional and Extraordinary It**		**173,087,590**	**290,556,121**
VI	Exceptional Items		-	-
VII	**Profit before Extraordinary Items and Tax**		**173,087,590**	**290,556,121**
VIII	**Extraordinary Items**		-	-
	Government Grant		-	-
IX	**Profit Before Tax**		**173,087,590**	**290,556,121**
X	**Tax Expense**		-	-
	Current Tax		-	-
	Deferred Tax		-	-
	Income Tax of last years(short provison)		-	-
XI	**Profit/(Loss) for the period from Continuing C**		**173,087,590**	**290,556,121**
XII	Profit/(Loss) from Discontinuing Operations		-	-
XIII	Tax Expense of Discontinuing Operations		-	-
XIV	**Profit/(Loss) from Discontinuing Operations (a**		-	-
XV	**Profit(Loss) for the Period(XI+XIV)**		**173,087,590**	**290,556,121**
XVI	**Earnings per Equity Share**			
	-Basic		-	-
	-Diluted			
	Significant Accouting policies & Notes to Fianacial stateemnts	1--12	-	-

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

Poonam Ghorela
(Partner)
Firm Registration Number - 156472W
M.N. 153544
UDIN : 23153544BGYNOA7335

Place: Vapi
Date: 14/12/2023

JVPG & ASSOCIATES * CHARTERED ACCOUNTANTS * FRN - 156472W

For, Electicity Department, D&NH.

कार्यपालक अभियंता (प्रसारण)
Executive Engineer (Trans.)
विद्युत विभाग
Electricity Department
दादरा एवं नगर हवेली
Dadra & Nagar Haveli
सिलवासा/Silvassa

1 . Reserves and Surplus

In (Rupees)

Particulars	as at 31-Mar-2023	as at 31-Mar-2022
Corpus Fund (Contribution from Government)		
Opening balance	**3,165,910,782**	**3,601,062,888**
(+) Addition during the year	-	-
(-) Transfer during the year	2,704,258,759	435,152,106
Closing balance	**461,652,023**	**3,165,910,782**
Reserve for Doubtful Debts		
Opening balance	-	-
(+) Addition during the year	-	-
(-) Transfer during the year		
Closing balance	-	-
Grants & Subsidies		
Opening balance	-	-
(+) Addition during the year	-	-
(-) Transfer during the year	-	-
Closing balance	-	-
Surplus		
Opening balance	875,332,766	584,776,645
(+) Net profit/(Net loss) for the Current Year	173,087,590	290,556,121
Closing balance	**1,048,420,356**	**875,332,766**
Total	**1,510,072,379**	**4,041,243,548**

2 . Trade Payables

Particulars	as at 31-Mar-2023	as at 31-Mar-2022
GET&D INDIA LTD		3,606,810
JBS Enterprises Pvt Ltd	2,532,537	9,909,627
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
HAIKAWA APPLIANCES PVT LTD	220,500	
LEKHA BHAVAN	5,481,433	
SINGHWAHINI FABRICATION	157,820	
Total	**8,392,290**	**25,047,636**

3. Other Current Liabilities

Particulars	as at 31-Mar-2023	as at 31-Mar-2022
Salary Expense Payable	1,409,119	1,849,497
Electricity Charges Payable		7,975
Total	**1,409,119**	**1,857,472**

4. Short Term Provisions

Particulars	as at 31-Mar-2023	as at 31-Mar-2022
TDS Payable	51,242	128,707
GST PAID	281,048	
Total	**332,290**	**128,707**

FIXED ASSETS REGISTER

PARTICULARS	DESCRIPTION OF ASSETS	DEP RATE	GROSS BLOCK: OPENING BALANCE	GROSS BLOCK: ADDITIONAL DURING THE YEAR	GROSS BLOCK: DEDUCTION	GROSS BLOCK: TOTAL	DEPRECIATION: OPENING BALANCE	DEPRECIATION: CURENT YEAR DEPRECIATION	DEPRECIATION: ADJUSTMENTS	DEPRECIATION: TOTAL	NET BLOCK: WDV AS ON 31.03.2023	NET BLOCK: PREVIOUS YEAR WDV	NET BLOCK: RESIDUAL VALUE
KHADOLI													
	LAND		20100000			20100000	0	0	0	0	20100000	20100000	0
	BUILDINGS		12551786			12551786	5030756	419230	0	5449986	7101800	7521030	1255179
	LINES & NETWORKS		657464610	0	0	657464610	369918578	34714131	0	404632710	252831900	287546031	65746461
	TRASFOMERS CENTERS		198721950	0	0	198721950	81631633	10492519	0	92124152	106597798	117090317	19872195
	OFFICE EQUIPMENT		2893175	0	0	2893175	1833116	152760	0	1985876	907299	1060059	289318
	OTHER EQUIPMENTS		9379454	0	0	9379454	495235	495235	0	990470	8388984	8884219	937945
	TOTAL		901110975	0		901110975	458909319	46273875		505183193	395927781	442201656	88101097
KHARADPADA													
	LAND		32000000	0		32000000	0	0		0	32000000	32000000	0
	BUILDINGS		11600000	0		11600000	4964539	387440		5351979	6248021	6635461	1160000
	LINES & NETWORKS		991529730	0		991529730	645913763	29186770	0	675100532	316429198	345615967	99152973
	OTHER EQUIPMENTS		68626569	0	0	68626569	51614678	1872212	0	53486891	15139678	17011891	6862657
	TRASFOMERS CENTERS		309512878			309512878	150651044	16342280		166993324	142519554	158861834	30951288
	OFFICE EQUIPMENT		1601966	569646		2171612	825673	180734		1006407	1165205	776293	217161
	TOTAL		1414871143	569646		1415440789	853369697	47969436	0	901939133	513501656	560901446	138344079
VAGCHIPPA													
	LAND		1			1	0			0	1	0	
	BUILDINGS		15500000			15500000	2455200	818400		3273600	12226400	13044800	1550000
	LINES & NETWORKS		58200000	34000000		92200000	9218880	4868160		14087040	78112960	48981120	12186508
	OTHER EQUIPMENTS												
	TRASFOMERS CENTERS		590040403			590040403	93462400	31154133		124616533	465423870	496578003	59004040
	OFFICE EQUIPMENT												
	TOTAL		663740404	34000000		697740405	105136480	36840693	0	141977173	555763231	558603923	72740548
	GRAND TOTAL		2979722522	34569646		3014292169	1418015495	131084004	0	1549099499	1465192669	1561707026	299185724

Pvarma

JVPG & ASSOCIATES * CHARTERED ACCOUNTANTS * FRN - 156472W

कार्यपालक अभियंता (प्रसारण)
Executive Engineer Trans.
विद्युत विभाग
Electricity Department
दादरा एवं नगर हवेली
Dadra & Nagar Haveli
सिलवासा/Silvassa

KHADOLI
GROSS FIXED ASSETS - TRANSMISSION

PARTICULARS					GROSS BLOCK				DEPRECIATION				NET BLOCK		
DESCRIPTION OF ASSETS	QTY	UNITS	DATE WHOM PURCHASE	RATE OF DEPRECIATION	OPENING BALANCE	ADDITION	DEDUCTION	TOTAL	OPENING BALANCE	CURRENT YEAR	ADJUSTMENT	TOTAL	CURRENT YEAR WDV	PREVIOUS WDV	RESIDUAL VALUE
LAND															
LAND - KHADOLI SUBSTATION	7.5	ACRE	01/04/1988	0.00%	10100000			10100000	0			0	10100000	10100000	
LAND AT 220KV KHADOLI			01/04/2010	0.00%	10000000			10000000	0			0	10000000	10000000	
TOTAL					20100000			20100000	0			0	20100000	20100000	
BUILDINGS															
Building			01/04/2010	3.34%	12551786.00			12551786.00	5030756.19	419229.65		5449985.84	7101800.16	7521029.81	1255178.60
TOTAL					12551786.00			12551786.00	5030756.19	419229.65		5449985.84	7101800.16	7521029.81	1255178.60
LINES & NETWORKS															
220/66 KV 2x160 MVA SUB STATION LINES & NETWORK			01/04/2010	5.28%	490558659.8			490558659.80	310817967.60	25901497.24		336719464.84	153839194.96	179740692.19	49055865.98
ESTABLISHMENT OF 220/66KV, 2X160MVA KHADOLI SUBSTATION			31/10/2013	5.28%	25000000.00			25000000.00	11880000.00	1320000.00		13200000.00	11800000	13120000.00	2500000
220KV LINE FROM 400/220 KV KALA SUBSTATION TO KHADOLI WITH ZEBRA CONDUCTOR	6.5	KMS	31/03/2016	5.28%	90000000			90000000.00	33264000.00	4752000.00		38016000	51984000.00	56736000.00	9000000
AUGMENTATION OF 220/66KV KHADOLI - 2X160 MVA TO 3X160 MVA			31/03/2017	5.28%	51905950.00	0		51905950.00	13956610.80	2740634.16		16697244.96	35208705.04	37949339.20	5190595
TOTAL					657464609.80			657464609.80	369918578.40	34714131.40		404632709.80	252831900.00	287546031.39	65746460.98
TRANSFORMER															
160MVA New Transformer	3	NOS	31/03/2015	5.28%	198721950.00			198721950.00	81631632.72	10492518.96		92124151.68	106597798.32	117090317.28	19872195
TOTAL					198721950.00			198721950.00	81631632.72	10492518.96		92124151.68	106597798.32	117090317.28	19872195.00
OFFICE EQUIPMENT															
FURNITURE			01/04/2010	5.28%	2893175			2893175.00	1833116.04	152759.64		1985875.68	907299.32	1060058.96	289317.5
TOTAL					2893175.00			2893175.00	1833116.04	152759.64		1985875.68	907299.32	1060058.96	289317.50
OTHER EQUIPMENTS															
FIRE SYSTEM			16/09/2021	5.28%	5527309.00			5527309.00	291841.92	291841.92		583683.83	4943625.17	5235467.08	552730.90
OIL SUPPLY			31/12/2021	5.28%	3852145.00			3852145.00	203393.26	203393.26		406786.51	3445358.49	3648751.74	385214.50
TOTAL					9379454.00			9379454.00	495235.17	495235.17		990470.34	8388983.66	8884218.83	937945.40
GRAND TOTAL (SUB-STATION)					901110974.80	0.00	0.00	901110974.80	458909318.52	46273874.82	0.00	505183193.34	395927781.46	442201656.27	88101097.48

कार्यपालक अभियंता (प्रपारण)
Executive Engineer (Trans.)
विद्युत विभाग
Electricity Department
दादरा एवं नगर हवेली
Dadra & Nagar Haveli
सिलवासा/Silvassa

JVPG & ASSOCIATES * CHARTERED ACCOUNTANTS * FRN - 156472W

KHARADPADA
GROSS FIXED ASSETS - TRASMISSION

PARTICULARS					GROSS BLOCK				DEPRECIATION				NET BLOCK		
DESCRIPTION OF ASSETS	QTY	UNITS	DATE WHOM PURCHASE	RATE OF DEPRECIATION	OPENING BALANCE	ADDITION	DEDUCTION	TOTAL	OPENING BALANCE	CURRENT YEAR	ADJUSTMENT	TOTAL	CURRENT YEAR WDV	PREVIOUS WDV	RESIDUAL VALUE
LAND															
LAND- KHARADPADA SUB-STATION	20	ACRE	01/04/2002	0.00%	32000000			32000000	0			0	32000000	32000000	
TOTAL					32000000	0	0	32000000	0		0	0	32000000	32000000	0
BUILDINGS															
BUILDING			08/06/2009	3.34%	11600000.00	0.00		11600000.00	4964539.40	387440.00		5351979.40	6248020.60	6635460.60	1160000.00
TOTAL					11600000.00	0.00	0.00	11600000.00	4964539.40	387440.00	0.00	5351979.40	6248020.60	6635460.60	1160000.00
LINES & NETWORKS															
220KV LINE FROM KALA SUBSTATION TO KHARADPADA SUBSTATION			01/04/2003	5.28%	438750000.00			438750000.00	438750000.00	0.00		438750000.00	0.00	0.00	43875000.00
220KV LINE FROM KALA SUBSTATION TO KHARADPADA SUBSTATION			21/01/2014	5.28%	10000000.00			10000000.00	4752000.00	528000.00		5280000.00	4720000.00	5248000.00	1000000.00
LINES & NETWORK KALA TO NEW KHARADPADA	28	KMS	31/03/2015	5.28%	166880000.00			166880000.00	70490112.00	8811264.00		79301376.00	87578624.00	96389888.00	16688000.00
LINES & NETWORK KALA TO NEW KHARADPADA			27/02/2016	5.28%	275758730.00			275758730.00	101920426.61	14560060.94		116480487.55	159278242.45	173838303.39	27575873.00
LINES & NETWORK KALA TO NEW KHARADPADA			31/03/2017	5.28%	100141000.00	0		100141000.00	30001224.00	5287444.80		35288668.80	64852331.20	70139776.00	10014100.00
TOTAL					991529730.00	0.00	0.00	991529730.00	645913762.61	29186769.74	0.00	675100532.35	316429197.65	345615967.39	99152973.00
TRANSFOMER CENTRES															
220/66 KV TRANSFOMER	1	NOS	30/10/2005	5.28%	57000000			57000000.00	49423403.84	3009600.00		52433003.84	4566996.16	7576596.16	5700000
220/66 KV TRANSFOMER	1	NOS	01/04/2012	5.28%	74800000			74800000.00	35544960.00	3949440.00		39494400.00	35305600.00	39255040.00	7480000
AUGMENTATION FROM 400MVA TO 520MVA CAPACITY AT KHARADPADA SUBSTATION	2	NOS	31/03/2015	5.28%	177712878.00			177712878.00	65682679.71	9383239.96		75065919.67	102646958.33	112030198.29	17771287.80
TOTAL					309512878.00	0.00	0.00	309512878.00	150651043.55	16342279.96	0.00	166993323.51	142519554.49	158861834.45	30951287.80
OTHER EQUIPMENTS															
SWITCHING STATION - 1 RIL	1	NOS	31/03/2013	5.28%	1			1.00	0			0	1	1	0
SWITCHING STATION - 1 BIPL	1	NOS	31/03/2018	5.28%	1			1.00	0			0	1	1	
245KV ISOLATOR	52	SET	28/02/2003	5.28%	4218000.00			4218000.00	4218000.00			4218000.00		0.00	421800
245KV CURRENT TRANSFORMER	45	NOS	28/02/2003	5.28%	5700000.00			5700000.00	5700000.00			5700000.00	0.00	0.00	570000
245KV CIRCUIT BREAKER	14	NOS	28/02/2003	5.28%	15692000.00			15692000.00	15692000.00			15692000.00	0.00	0.00	1569200.00
LIGHTING ARRESTOR	39	NOS	28/02/2003	5.28%	1608000.00			1608000.00	1608000.00			1608000.00	0.00	0.00	160800.00
POST INSULATOR	115	NOS	28/02/2003	5.28%	1796000.00			1796000.00	1796000.00			1796000.00	0.00	0.00	179600.00
CAPTIVE VOLTAGE TRANSFORMER	6	NOS	25/07/2002	5.28%	1680000			1680000.00	1680000.00			1680000.00	0.00	0.00	168000
WAVE TRAP	2	NOS	25/07/2002	5.28%	800000			800000.00	800000.00			800000.00	0.00	0.00	80000
254 KV POTENTIAL TRANSFORMER	18	NOS	15/10/2002	5.28%	1674000.00			1674000.00	1674000.00			1674000.00	0.00	0.00	167400
245KV ISOLATOR	8 SET		31/10/2005	5.28%	788000.00			788000.00	683232.18	41606.40		724838.58	63161.42	104767.82	78800
245KV CURRENT TRANSFORMER	6 NOS		31/10/2005	5.28%	960000.00			960000.00	832368.13	50688.00		883056.13	76943.87	127631.87	96000
245KV CIRCUIT BREAKER	2 NOS		31/10/2005	5.28%	2468000.00			2468000.00	2139825.05	130310.40		2270135.45	197864.55	328174.95	246800.00
LIGHTING ARRESTOR	6 NOS		31/10/2005	5.28%	297000.00			297000.00	257509.20	15681.60		273190.80	23809.20	39490.80	29700
POST INSULATOR	19 NOS		31/10/2005	5.28%	324000.00			324000.00	280920.68	17107.20		298027.88	25972.12	43079.32	32400
245KV ISOLATOR	8 SET		09/03/2007	5.28%	336000.00			336000.00	268662.96	17740.80		286403.76	49596.24	67337.04	33600
245KV CURRENT TRANSFORMER	12 NOS		09/03/2007	5.28%	720000.00			720000.00	575708.05	38016.00		613724.05	106275.95	144291.95	72000
245KV CIRCUIT BREAKER	2 NOS		09/03/2007	5.28%	1676000.00			1676000.00	1340119.61	88492.80		1428612.41	247387.59	335880.39	167600
LIGHTING ARRESTOR	6 NOS		09/03/2007	5.28%	168000.00			168000.00	134331.48	8870.40		143201.88	24798.12	33668.52	16800
POST INSULATOR	14 NOS		09/03/2007	5.28%	168000.00			168000.00	134331.48	8870.40		143201.88	24798.12	33668.52	16800
254 KV POTENTIAL TRANSFORMER	3 NOS		09/03/2007	5.28%	246000			246000.00	195686.26	12988.80		208675.06	37324.94	50313.74	24600
245KV ISOLATOR	12 SET		28/03/2008	5.28%	956000.00			956000.00	716681.22	50476.80		767158.02	188841.98	239318.78	95600
245KV CURRENT TRANSFORMER	9 NOS		28/03/2008	5.28%	1140000.00			1140000.00	853476.56	60192.00		913668.56	226331.44	286523.44	114000
245KV CIRCUIT BREAKER	3 NOS		28/03/2008	5.28%	3306000.00			3306000.00	2492863.11	174556.80		2667419.91	638580.09	813136.89	330600
LIGHTING ARRESTOR	9 NOS		28/03/2008	5.28%	381000.00			381000.00	286581.69	20116.80		306698.49	74301.51	94418.31	38100
POST INSULATOR	26 NOS		28/03/2008	5.28%	408000.00			408000.00	306556.11	21542.40		328098.51	79901.49	101443.89	40800
254 KV POTENTIAL TRANSFORMER	2 NOS		13/01/2008	5.28%	164000.00			164000.00	125938.78	8659.20		134597.98	29402.02	38061.22	16400
245KV ISOLATOR	4 SET		08/06/2009	5.28%	168000			168000.00	113662.23	8870.40		122532.63	45467.37	54337.77	16800
245KV CURRENT TRANSFORMER	6 NOS		08/06/2009	5.28%	360000			360000.00	243562.78	19008.00		262570.78	97429.22	116437.22	36000
245KV CIRCUIT BREAKER	1 NOS		08/06/2009	5.28%	838000			838000.00	566959.64	44246.40		611206.04	226793.96	271040.36	83800
LIGHTING ARRESTOR	3 NOS		08/06/2009	5.28%	84000			84000.00	56831.12	4435.20		61266.32	22733.68	27168.88	8400
POST INSULATOR	7 NOS		08/06/2009	5.28%	84000			84000.00	56831.12	4435.20		61266.32	22733.68	27168.88	8400

254 KV POTENTIAL TRANSFORMER	1 NOS		08/06/2009	5.28%	82000			82000.00	55478.59	4329.60		59808.19	22191.81	26521.41	8200
245KV ISOLATOR	12 SET		01/04/2012	5.28%	432000.00			432000.00	228096.40	22809.60		250906.00	181094.00	203903.60	43200
245KV CURRENT TRANSFORMER	9 NOS		01/04/2012	5.28%	2190000.00			2190000.00	1156320.00	115632.00		1271952.00	918048.00	1033680.00	219000
245KV CIRCUIT BREAKER	3 NOS		01/04/2012	5.28%	1958000.00			1958000.00	1033823.60	103382.40		1137206.00	820794.00	924176.40	195800
LIGHTING ARRESTOR	9 NOS		01/04/2012	5.28%	164000.00			164000.00	86591.80	8659.20		95251.00	68749.00	77408.20	16400
POST INSULATOR	21 NOS		01/04/2012	5.28%	108000.00			108000.00	57024.60	5702.40		62727.00	45273.00	50975.40	10800
254 KV POTENTIAL TRANSFORMER	6 NOS		01/04/2012	5.28%	2100000.00			2100000.00	1108800.00	110880.00		1219680.00	880320.00	991200.00	210000
NEW RET	1NOS		14/07/2021	5.28%	3058560			3058560.00	161491.97	161491.97		322983.94	2735576.06	2897068.03	305856
FIRE SYSTEM	1NOS		16/09/2021	5.28%	5527309			5527309.00	291841.92	291841.92		583683.83	4943625.17	5235467.08	552731
66KV OUTDOOR SINGLE PHASE TMK CTS			03/12/2014	5.28%	1534582.00			1534582.00	648207.44	81025.93		729233.37	805348.63	886374.56	153458.20
12 MTR HIGHMUST AT 220/66KV			12/01/2015	5.28%	1158066.00			1158066.00	489167.08	61145.88		550312.96	607753.04	668898.92	115806.60
LT CONTROL CABLE AT 220/66 KV KHARADPADA			25/03/2015	5.28%	1106050.00			1106050.00	467195.52	58399.44		525594.96	580455.04	638854.48	110605.00
Total					68626569.00	0.00	0.00	68626569.00	51614678.35	1872212.34	0.00	53486890.69	15139678.31	17011890.65	6862656.70
OFFICE EQUIPMENT															
XEROX MACHINE	1 NOS		31/03/2014	6.33%	242445.00			242445.00	122774.15	15346.77		138120.92	104324.08	119670.85	24244.5
COMPUTER - New Purchased	3 NOS		07/10/2014	15.00%	499090.00			499090.00	422880.00	74863.50		497743.50	1346.50	76210.00	49909
AIR CONDITIONER	NOS		06/07/2015	6.33%	337483.00			337483.00	149538.72	21362.67		170901.39	166581.61	187944.28	33748.3
AIR CONDITIONER	10 NOS		16/01/2023	6.33%		450000		450000.00	0.00	28485.00		28485.00	421515.00	0.00	45000
CCTV CAMERA			01/03/2019	6.33%	492448.00			492448.00	124687.83	31171.96		155859.79	336588.21	367760.17	49244.8
CCTV CAMERA			20/10/2022	6.33%		119646		119646.00	0.00	7573.59		7573.59	112072.41	0.00	11964.6
SCANNER	1 NOS		13/09/2019	6.33%	30500.00	0		30500.00	5791.95	1930.65		7722.60	22777.40	24708.05	3050
Total					1601966.00	569646.00	0.00	2171612.00	825672.65	180734.14	0.00	1006406.79	1165205.21	776293.35	217161.20
GRAND TOTAL					1414871143.00	569646.00	0.00	1415440789.00	853969696.55	47969436.18	0.00	901939132.74	513501656.26	560901446.45	138344078.70

JVPG & ASSOCIATES * FRN - 156472W * CHARTERED ACCOUNTANTS

VAGCHIPPA
GROSS FIXED ASSETS - TRANSMISSION

PARTICULARS					GROSS BLOCK				DEPRECIATION				NET BLOCK		
DESCRIPTION OF ASSETS	QTY	UNITS	DATE WHOM	RATE OF	OPENING	ADDITION	DEDUCTION	TOTAL	OPENING	CURRENT	ADJUSTMENT	TOTAL	CURRENT YEAR	PREVIOUS	RESIDUAL
LAND															
LAND - VAGCHIPPA SUBSTATION	13.8	ACRE	05/07/2011	0.00%	1			1	0			0	1	1	
TOTAL					1			1	0			0	1	1	
BUILDING															
BUILDING AT VAGCHIPPA			17/02/2020	3.34%	15500000.00			15500000.00	2455200.00	818400.00		3273600.00	12226400	13044800	1550000
TOTAL					15500000	0	0	15500000	2455200	818400	0	3273600	12226400	13044800	1550000
TRANSFORMER															
220/66 KV TRANSFOMER	2	NOS	17/02/2020	5.28%	120000000.00			120000000.00	19008000.00	6336000.00		25344000.00	94656000.00	100992000.00	12000000
SUBSTATION CONTROL EQUIPMENTS				5.28%	470040403.00			470040403.00	74454399.84	24818133.28		99272533.11	370767869.89	395586003.16	47004040.3
TOTAL					590040403	0	0	590040403	93462399.84	31154133.28	0	124616533.1	465423869.9	496578003.2	59004040.3
LINE & NETWORK VAGCHIPPA															
SWITCHING STATION - SAYLI	1	NOS	31/03/2013	5.28%	1.00			1.00	0			0	1	1	0
LINE & NETWORK - LILO POINT TO VAGCHIPPA SUBSTATION	2.5	KMS	17/02/2020	5.28%	58200000.00			58200000.00	9218880.00	3072960.00		12291840.00	45908160	48981120	5820000
LINE & NETWORK			31/03/2023	5.28%	0	34000000		34000000.00	0.00	1795200.00		1795200.00	32204800	0	6366508
TOTAL					58200000	34000000	0	92200000	9218880	4868160		14087040	78112960	48981120	12186508
GRAND TOTAL (SUB-STATION)					663740404.00	34000000.00		697740404.00	105136479.84	36840693.28	0.00	141977173.11	555763230.89	558603924.16	72740548.30

JVPG & ASSOCIATES * CHARTERED ACCOUNTANTS * FRN - 156472W

Electricity Department (Transmission Division)

6 . Trade Receivables — In (Rupees)

Particulars	as at 31-Mar-2023	as at 31-Mar-2022
DNHPDCL Silvassa		43,172,347
TOREENT POWER DNHDD	21,381,382	
Total	**21,381,382**	**43,172,347**

7 . Cash and Cash Equivalent — In (Rupees)

Particulars	as at 31-Mar-2023	as at 31-Mar-2022
BANK OF BARODA- 2834	33,632,024	
Total	**33,632,024**	-

7 . Short Term Loan and Advances

Particulars	as at 31-Mar-2023	as at 31-Mar-2022
Government Fund		127,367,317
PDCL Security Deposit		12,210
Loan to DNHPDCL		1,000,000
Total		**128,379,527**

8 . Other Current Assets

Particulars	as at 31-Mar-2023	as at 31-Mar-2022
TDS Receivable		16,854,415
Total	-	**16,854,415**

9 . Misc Expenses (Assets)

Particulars	as at 31-Mar-2023	as at 31-Mar-2022
Capital Work in progress	-	-
Grant In Aid (District Panchayat)		508,370,000
Grant In Aid (DNH Power Distribution)		1,665,794,044
Grant In Aid (Municipal Corporation)		144,000,000
Total		**2,318,164,044**

15754/2023/Legal Section

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 31.03.2023	In (Rupees) For y. e. on 31.03.2022
TRANSMISSION CHARGES (OLD)	-	-
O&M OF PGCIL	733,088	832,753
PP POC INCOME	387,212,880	512,606,195
STOA INCOME	800,000	730,000
STU CHARGES	58,657,695	
OTHER INCOME	653,047	
TENDER FEES	4,000	
Total	**448,060,710**	**514,168,948**

Electricity Department (Transmission Division)

Notes to and forming part of Statement of Profit and Loss

11 . Employee benefit expense

Particulars	For y. e. on 31.03.2023 In (Rupees)	For y. e. on 31.03.2022 In (Rupees)
Salaries & Wages	23,611,197	24,842,406
Leave Salary	1,952,292	560,680
Bonus	200,332	158,884
Total	**25,763,821**	**25,561,970**

Notes to and forming part of Statement of Profit and Loss

12 . Other Operating Expenses

Particulars	For y. e. on 31.03.2023 In (Rupees)	For y. e. on 31.03.2022 In (Rupees)
Digital Signature Expenses	-	-
Round Off	(315)	357
Repairs & Maintenece	34,021,283	26,149,113
Advertisement Exp	73,701	63,811
Office Exp	288,112	161,214
Bank charges	295	
Electricity Charges	3,394	9,714
Lawyer Charges		9,650
Consultancy Fees	448,700	84,560
Freight Charges	677,600	474,833
ARR Petition Charges	5,235,000	2,500,000
AMC SLDC	5,717,363	9,024,361
Cyber Security Charges - SLDC		653,047
Internet charges		32,213
SLDC charges	67,730,243	7,454,236
Total	**114,195,376**	**46,617,109**