पावरग्रिड POWERGRID
पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

CCL.

सचिव,

दिनांक: 17.06.2025

केंद्रीय विदयुत विनियामक आयोग (सी.ई.आर.सी.)
छठवाँ, सातवाँ एवं आठवाँ तल, टॉवर बी,
वर्ल्ड ट्रेड सेंटर, नौरोजी नगर, नई दिल्ली-110029.

विषय:- Petition for determination of transmission tariff for 2024-29 tariff block for asset under **"Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B"** in Western Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

महोदय,

उपरोक्त पारेषण प्रणाली के वर्ष 01.04. 2024 से 31.03.2029 तक के पारेषण टैरिफ हेतु याचिका की 3 प्रतियां (1 मूल व 2 प्रतियां) संलग्न है । याचिका शुल्क की गणना नई फीस रेगुलेशन, 2012 के पैरा 3(2) के तहत दिये गये निर्देशों के आधार पर निम्नानुसार की गई है:-

Name of the Element	Transmission tariff for	
	2024-25	2025-26
Asset-1: 1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation	**895.12**	**1324.56**
Asset-2: 400 kV New Navsari(GIS)-Magarwada (GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada (GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S and 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.	**409.25**	**13404.65**
Total Tariff	**1304.37**	**14729.21**
Filing fee @ 0.11% of Transmission charges in Rs.	143480.70	1620213.10
Rounded off to nearest Rs. 100 Subject to minimum of Rs. 1,00,000	143500	1620200
Total Filing fee in Rupees	**17,63,700/-***	

(* Payment of the filling fee of the instant petition has been made through challan)

पूर्ण याचिका को पावरग्रिड की बेवसाइट पर दर्शाया गया है जिसका पता www.powergrid.in है। याचिका की प्रति सभी प्रतिवादियों को स्पीड पोस्ट दवारा भेजी जा चुकी है व स्पीड पोस्ट की रसीद संलग्न है । निवेदन है कि याचिका को स्वीकृत कर, पावती भेजने का कष्ट करें।

धन्यवाद ।

भवदीय,

नरेश कुमार अंगारु

Form - I (Payment Related Report)		
Particulars		
1.	Name of the Petitioner / Applicant	POWER GRID CORPORATION OF INDIA LIMITED POWERGRID
2.	Address of the Petitioner / Applicant	Commercial&Regulatory Cell, Power Grid Corporation of India Ltd., 'Saudamini', Plot No.2, Sector 29, Gurgaon, Haryana, India Gurgaon
3.	Subject Matter	(Petition for determination of transmission tariff for 2024-29 tariff block for asset under Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B in Western Region)
4.	Diary No.	
5.	Petition No., if any	
6.	Details of generation / Transmission assets	TT
	(a) Generating station / units	1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation,400 kV New Navsari(GIS)-Magarwada (GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada (GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S and 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.,1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation,400 kV New Navsari(GIS)-Magarwada (GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada (GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S and 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.
	(b) Capacity in MW / ATC	89512000,40925000,132456000,1340465000
	(c) Date of commercial operation	03/07/2024,20/03/2025,03/07/2024,20/03/2025
	(d) Period of which fee paid	2024-2029
	(e) Amount Paid	1763700
	(f) Surcharge, if any	0
7.	Application fee for licence	
	(a) Trading licence	
	(b) Transmission licence	
	(c) Period of which paid	
	(d) Amount of fee paid	
8.	Fee paid for Miscellaneous Application	
9.	Fee paid for Interlocutory Application	
10	Fee paid for Regulatory Compliance petition	
	Fee paid for Review Application	
	Licence fee for inter-state trading	
	(a) Category	
	(b) Period	

Jun 17, 2025, 5:56 PM

	(c) Amount of fee paid	
	(d) Surcharge, if any	
	Annual Registration Charge for Power Exchange	
	(a) Period	
	(b) Amount of turnover	
	(c) Fee paid	
	(d) Surcharge, if any	
	Details of fee remitted	
	(a) UTR No.	SCSCR2025061609991553
	(b) Date of remittance	16/06/25
	(c) Amount remitted	17,63,700/-
Note : While Sl. Nos. 1 to 3 and 16 are compulsory, the rest may be filled up as applicable.		
Signature of the authorized signatory with date		

BEFORE
THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION FOR

APPROVAL OF TRANSMISSION TARIFF

For

Transmission Assets of

"Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B"

Implemented by

Power Grid Corporation of India Ltd

For

TARIFF BLOCK: 2024-29

PETITION NO.....

Power Grid Corporation of India Ltd

REGISTERED OFFICE
B-9, QUTAB INSTITUTIONAL AREA, KATWARIA SARAI,
NEW DELHI - 110 016

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.: .../TT/2025

IN THE MATTER OF: Petition for determination of transmission tariff for 2024-29 tariff block for asset under **"Transmiss on Network Expansion in Gujarat to increase ATC from ISTS, Part-B"** in Western Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

Power Grid Corporation of India Ltd
Registered office: B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi-110 016
Corporate Centre: 'SAUDAMINI', Plot No-2,
Sector-29, Gurgaon-122 001 (Haryana). **.....PETITIONER**

Vs

Madhya Pradesh Power Management Company Ltd.
Shakti Bhawan, Rampur
Jabalpur - 482 008 **.....RESPONDENT(S)**
Represented by Its MD
And others

Petitioner
Date: 17/06/2025

(Naresh Kumar Angaru)
Dy. General Manager (Commercial)

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.: .../TT/2025

IN THE MATTER OF: Petition for determination of transmission tariff for 2024-29 tariff block for asset under **"Transmiss on Network Expansion in Gujarat to increase ATC from ISTS, Part-B"** in Western Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

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Corporate Centre: 'SAUDAMINI', Plot No-2,
Sector-29, Gurgaon-122 001 (Haryana). **.....PETITIONER**

Vs

Madhya Pradesh Power Management Company Ltd.
Shakti Bhawan, Rampur
Jabalpur - 482 008
Represented by Its MD

And others **.....RESPONDENT(S)**

INDEX

Sl. No.	Description	Annexure No.	Page No.
1	Cover Page	-	1-2
2	Index	-	3-4
3	Letter for registration	-	5
4	Memo of Parties	-	6-8
5	Memo of appearance		9
6	Petition for determination of Tariff	-	10-47
7	Supporting Affidavit	-	48-49
8	Power of Attorney	-	50
ANNEXURES			

9	Minutes of Joint Study Meeting among CEA, CTUIL, POSOCO and GETCO dated 05.11.2021	Encl-1	51-58
10	MOP letter dated 15.11.2021 regarding Regulatory Approval from CERC	Encl-2	59-61
11	Minutes of 07th NCT meeting dated 03.12.2021	Encl-3	62-68
12	MOP OM dated 13.01.2022 for implementation of Project by POWERGRID through RTM route and CTU letter dated 14.01.2022	Encl-4	69-72
13	CEA letter dated 04.02.2022 regarding Prior Approval under section 68 of Electricity Act 2003	Encl-5	73-75
14	Investment Approval	Encl-6	76-82
15	Extracts of DPR and SLD	Encl-7	83-124
16	Copy of MOP Meeting dated 02.11.2021 and CTUIL letter dated 16.11.2021	Encl-8	125-129
17	Copy of the CEA, RLDC and CMD certificate and Copy of Letter to CTU for issuance of completion certificate and DOCO letter	Encl-9	130-150
18	Delay Documents for Asset-1	Encl-10	151-156
19	Delay Documents for Asset-2	Encl-11	157-307
20	Copy of Auditor Certificates	Encl-12	308-313
21	Liability Flow Statement	Encl-13	314-315
22	Cash IDC statement	Encl-14	316-319
23	Notional IDC statement	Encl-15	320-321
24	Tariff Forms for 2024-29 block	Encl-16	322-409
25	Checklist	Encl-17	410-411

FILED BY

POWER GRID CORPORATION OF INDIA LTD.

Place: Gurugram

REPRESENTED BY

DATED: 17/06/2025

(Naresh Kumar Angaru)

Dy. General Manager (Commercial)

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.: .../TT/2025

IN THE MATTER OF: Petition for determination of transmission tariff for 2024-29 tariff block for asset under **"Transmiss on Network Expansion in Gujarat to increase ATC from ISTS, Part-B"** in Western Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

Power Grid Corporation of India Ltd **.....PETITIONER**

Madhya Pradesh Power Management Company Ltd. And others **.....RESPONDENTS**

To,
The Secretary,
Central Electricity Regulatory Commission,
New Delhi-110001

Sir,
The present tariff Petition is being filed under Section 62 read with Section 79 (1) (d) of the Electricity Act, 2003 and under Regulation 15 (1) (a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff Regulations), 2024 and the same may be pleased to be registered and taken on record by the Hon'ble Commission.

FILED BY

POWER GRID CORPORATION OF INDIA LTD.

Place: Gurugram

REPRESENTED BY

DATED: 17/06/2025

(Naresh Kumar Angaru)

Dy. General Manager (Commercial)

POWER GRID CORPORATION OF INDIA LTD. ★ पावरग्रिड POWERGRID

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.: .../TT/2025

IN THE MATTER OF: Petition for determination of transmission tariff for 2024-29 tariff block for asset under **"Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B"** in Western Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

Power Grid Corporation of India Ltd
Registered office: B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi-110 016
Corporate Centre: 'SAUDAMINI', Plot No-2,
Sector-29, Gurgaon-122 001 (Haryana) **.....PETITIONER**

Vs

Madhya Pradesh Power Management Company Ltd.
Shakti Bhawan, Rampur
Jabalpur - 482 008
Represented by Its MD **.....RESPONDENT(S)**
And others

MEMO OF PARTIES

1. **MADHYA PRADESH POWER MANAGEMENT COMPANY LTD.**
   SHAKTI BHAWAN, RAMPUR, JABALPUR - 482 008
   EMAIL-ANURAG.NAIK@MPPMCL.COM&COMML.DEPTT@MPPMCL.COM
   CONTACT NO- 9425805876
   REPRESENTED BY ITS MD

2. **MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.**
PRAKASHGAD, PLOT NO G-9, A K MARG, BANDRA (EAST), MUMBAI-400 051
EMAIL- CEPPMSEDCL@GMAIL.COM
CONTACT NO- 9833387967
REPRESENTED BY ITS MD

3. **GUJARAT URJA VIKAS NIGAM LTD.**
SARDAR PATEL VIDYUT BHAWAN, RACE COURSE ROAD, VADODARA - 390 007
EMAIL- DECSP.GUVNL@GEBMAIL.COM
CONTACT NO- 7069009628
REPRESENTED BY ITS MD

4. **ELECTRICITY DEPARTMENT**
VIDYUT BHAWAN, GOVT. OF GOA, PANAJI, GOA - 403 001
EMAIL- CEE-ELEC.GOA@NIC.IN
CONTACT NO- 7350644000
REPRESENTED BY ITS CHIEF ENGINEER (ELECTRICAL)

5. **DNHDD POWER DISTRIBUTION CORPORATION LIMITED**
VIDYUT BHAWAN, 66KV ROAD, NEAR SECRETARIAT, AMLI, SILVASSA - 396 230
EMAIL- BHAVIKSHAH@TORRENTPOWER.COM
CONTACT NO- 9227758405
REPRESENTED BY ITS SECRETARY (FIN.)

6. **CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LIMITED**
P.O. SUNDER NAGAR, DANGANIA, RAIPUR, CHHATTISGARH-492 013
EMAIL- CECOMCSEB@REDIFFMAIL.COM
CONTACT NO- 982618253
REPRESENTED BY ITS CHAIRMAN

POWER GRID CORPORATION OF INDIA LTD.

7. **GUJARAT ENERGY TRANSMISSION CORPORATION LTD.,**
SARDAR PATEL VIDYUT BHAWAN,
RACE COURSE ROAD, VADODARA – 390 007
EMAIL- feedback.getco@gebmail.com
CONTACT NO- 0265-2310582
REPRESENTED BY ITS CHAIRMAN

FILED BY
POWER GRID CORPORATION OF INDIA LTD.

Place: Gurugram

DATED: 17/06/2025

REPRESENTED BY
(Naresh Kumar Angaru)
Dy. General Manager (Commercial)

POWER GRID CORPORATION OF INDIA LTD.
पावरग्रिड POWERGRID

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.: .../TT/2025

IN THE MATTER OF: Petition for determination of transmission tariff for 2024-29 tariff block for asset under **"Transmiss on Network Expansion in Gujarat to increase ATC from ISTS, Part-B"** in Western Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

Power Grid Corporation of India Ltd **.....PETITIONER**

Vs

Madhya Pradesh Power Management Company Ltd. **.....RESPONDENT(S)**

MEMO OF APPEARANCE

POWER GRID CORPORATION OF INDIA LTD. **-- PETITIONER**

1. Shri Dilip Nagesh Rozekar, Executive Director (Commercial & RC), POWERGRID
2. Shri Mohd. Mohsin, Chief General Manager, POWERGRID
3. V.C. Sekhar, Senior General Manager, POWERGRID
4. Shri Zafrul Hasan, General Manager, POWERGRID
5. Shri Vishal Sagar, Deputy General Manager, POWERGRID
6. Shri Naresh Kumar Angaru, Deputy General Manager, POWERGRID
7. Shri Arjun Malhotra, Manager (Law), POWERGRID

I, Naresh Kumar Angaru, Petitioner above named do hereby nominate to act, plead and appear on my behalf in the aforesaid matter.

IN WITNESS WHEREOF I have set and subscribed my hands to this writing on this 17th day of June 2025.

PETITIONER

POWER GRID CORPORATION OF INDIA LTD.

Place: Gurugram

DATED: 17/06/2025

(Naresh Kumar Angaru)

Dy. General Manager (Commercial)

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.: .../TT/2025

IN THE MATTER OF: Petition for determination of transmission tariff for 2024-29 tariff block for asset under **"Transmiss on Network Expansion in Gujarat to increase ATC from ISTS, Part-B"** in Western Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

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.....PETITIONER

Vs

Madhya Pradesh Power Management Company Ltd.
Shakti Bhawan, Rampur
Jabalpur - 482 008 **.....RESPONDENT(S)**
Represented by Its MD
And others

A. Executive Summary of the Petition:

(i) Brief Background of the Petitioner

1. The Petitioner herein, Power Grid Corporation of India Ltd. (Hereinafter referred to as **"POWERGRID/Petitioner"**) is a Government Company within the meaning of the Companies Act, 2013. POWERGRID is deemed transmission licensee in terms of Section 14 of the Electricity Act, 2003. POWERGRID by virtue of a transmission licensee is required to inter-alia build, maintain and operate an efficient, coordinated and economical interstate transmission system (**"ISTS"**). POWERGRID operates

and functions within the regulatory control of this Hon'ble Central Electricity Regulatory Commission (hereinafter referred to as **"Hon'ble Commission"**). Tariff for the transmission system established by POWERGRID is required to be determined by this Hon'ble Central Commission in accordance with the Tariff Regulations as notified by this Hon'ble Central Commission in exercise of its powers under Section 178 of the Electricity Act, 2003.

(ii) Brief background of the Respondent(s):

POWERGRID has impleaded distribution licensees and Government department of the respective states which are engaged in distribution of electricity in Western Region of India. The respondents are also 'Designated Inter State Transmission Customer' (hereinafter referred to as 'DICS') in terms of the 2020 Sharing Regulations from Western region.

(iii) Background of Transmission Assets:

2. POWERGRID is filing the present petition for determination of tariff for the following Assets which have been implemented under **"Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B"** in Western Region for the following:

Asset No	Asset Name	SCOD	DOCO
Asset-1	1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation	30.06.2023	03.07.2024
Asset-2	400 kV New Navsari(GIS)-Magarwada (GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada (GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S and 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.		20.03.2025

(iv)Brief description of important events relevant to the Petition:

POWER GRID CORPORATION OF INDIA LTD.
पावरग्रिड POWERGRID

Sl. No	Event	Date
1.	The ISTS schemes which is a part of the transmission scheme "System Strengthening in Gujarat associated with the integration of RE projects from Khavda potential REZ" was deliberated in the 5th NCT meeting held on 25.08.2021 & 02.09.2021. Subsequently, a Joint Study Meeting was held on 05.11.2021 amongst CEA, CTUIL, POSOCO & GETCO to discuss already planned scheme based on updated inputs received from GETCO. In said meeting, it was decided to phase the schemes already deliberated in the 5th meeting of NCT with minor modifications based on ATC requirement of GETCO as well as system strengthening requirements associated with the integration of RE projects from Khavda potential RE zone. Based on the deliberations, CTUIL submitted the scheme **"Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B"** for consideration of NCT.	5.11.2021
2.	Meanwhile, in order to facilitate development of RE power sources, Ministry of Power vide letter dated 15.11.2021 directed CERC to modify its Regulation with regard to requirement of Regulatory Approval for the ISTS schemes approved by the MOP in consultation with RPCs.	15.11.2021
3.	The 7th NCT meeting held on 03.12.2021 recommended the ISTS Transmission scheme to MoP to be implemented by POWERGRID through RTM route.	03.12.2021
4.	Subsequently, MoP vide OM dated 13.01.2022 awarded the scheme **"Transmission Network Expansion in Gujarat to increase its ATC from**	13.01.2022

Sl. No	Event	Date
	ISTS: Part B" for implementation by POWERGRID through RTM route.	
5.	CTUIL vide OM dated 14.01.2022 directed POWERGRID for implementation of the subject Transmission scheme along with signing of Concession Agreement with CTUIL	14.01.2022
6.	CEA vide letter dated 04.02.2022 conveyed the prior approval of the Government of India under Section 68 (1) of the Electricity (Supply) Act, 2003 to POWERGRID for installation of overhead transmission lines included in the subject Transmission scheme.	04.02.2022
7.	Investment Approval	07.07.2022
8.	SCOD	**30.06.2023**
9.	COD (Asset-1)	**03.07.2024**
10.	COD (Asset-2 (Proposed DOCO))	**20.03.2025**

(v) Summary of Claims:

3. POWERGRID is seeking determination of tariff for aforesaid transmission asset on estimated capital cost comprising of capital cost incurred upto Commercial Operation Date (**"COD"**) and projected additional capital expenditure in accordance with terms of Regulation 24 & 25 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 (**"Tariff Regulations, 2024"**).

4. The details of FR approved cost vis-à-vis claimed capital cost as on COD and additional capital expenditure during 2024-29 tariff block is as under:

(Rs. in lakhs)

Asset No.	Apportioned Approved Cost as per FR	Expenditure Up to COD	Estimated expenditure during 2024-29 tariff block			Estimated completion Cost as on 31.03.2029
			2024-25	2025-26	2026-27	
Asset-1	4379.07	4483.91	761.05	635.98	17.45	5898.39
Asset-2	122009.41	81409.23	-	13290.73	11859.34	106559.29

5. **Details of Cost Overrun:** There is cost overrun of Rs. 1519.32 Lakhs w.r.t. FR apportioned approved cost for Asset-1 and there is no cost overrun w.r.t. FR apportioned approved cost in case of Asset-2.

6. **Details of Time- Overrun:** There is a time overrun of 369 days in commissioning of Asset-1 and 629 days in commissioning of Asset-2.

7. **Details of tariff claimed for 2024-29 tariff block:**

(Rs. in Lakhs)

Name of the asset	2024-25	2025-26	2026-27	2027-28	2028-29
Asset-1	895.12	1324.56	1380.18	1387.89	1397.66
Asset-2	409.25	13404.65	15115.74	15753.48	15486.53

8. It is prayed to Hon'ble commission to reimburse expenditure of petition filing fee, license fee, newspaper publication expenses and RLDC fee & charges, insurance expenses, security expenses and capital spares, etc.

B. Detailed Petition:

MOST RESPECTFULLY SHOWETH:

Issue wise submission(s):

1. The Petitioner herein, Power Grid Corporation of India Ltd/ POWERGRID is a Government Company within the meaning of the Companies Act, 1956. POWERGRID is a deemed transmission licensee under Section 14 of the Electricity Act 2003.

2. POWERGRID being transmission licensee is required to inter-alia build, maintain and operate an efficient, coordinated and economical interstate transmission system (ISTS).

3. That the Hon'ble Commission have notified CERC (Terms and Conditions of Tariff) Regulations, 2024, vide notification dated 15.03.2024 for a period of 5 years w.e.f.

01.04.2024. The tariff for the said transmission systems shall be determined by the Hon'ble Central Commission in accordance with the Tariff Regulations, 2024.

4. That the present petition covers approval of transmission tariff for following Asset:

Asset No	Asset Name	SCOD	DOCO
Asset-1	1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation	30.06.2023	03.07.2024
Asset-2	400 kV New Navsari(GIS)-Magarwada (GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada (GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S and 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.		20.03.2025

Approval of the Scheme

5. That the ISTS schemes which is a part of the Transmission Scheme "System Strengthening in Gujarat associated with the integration of RE projects from Khavda potential REZ" was deliberated in the 5th NCT meeting held on 25.08.2021 & 02.09.2021.

Subsequently, a Joint Study Meeting was held on 05.11.2021 amongst CEA, CTUIL, POSOCO & GETCO to discuss already planned scheme based on updated inputs received from GETCO. In said meeting, it was decided to phase the schemes already deliberated in the 5th meeting of NCT with minor modifications based on ATC requirement of GETCO as well as system strengthening requirements associated with the integration of RE projects from Khavda potential RE zone. Based on these deliberations, CTUIL submitted the scheme **"Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B"** ('Transmission Scheme') for consideration of NCT. Minutes of 01st Joint Study Meeting on Transmission Planning for Western Region dated 05.11.2021 is enclosed as **Encl-1.**

Meanwhile, in order to facilitate development of RE power sources, Ministry of Power vide letter dated 15.11.2021 directed CERC to modify its Regulation with regard to requirement of Regulatory Approval for the ISTS schemes approved by the MOP in consultation with RPCs. Copy of MOP letter to CERC is enclosed as **Encl-2.**

That based on recommendations of CTUIL, 7th NCT meeting was held on 03.12.2021 wherein NCT recommended the ISTS Transmission scheme to MoP to be implemented by POWERGRID (implementing agency) through RTM route. Copy of MOM of 7th NCT is enclosed as **Encl-3.**

6. That, MoP vide OM dated 13.01.2022 awarded the scheme **"Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B"** ('Transmission Scheme') for implementation by POWERGRID through RTM route with Implementation Time-Frame as June 2023.

7. Consequently, CTUIL vide OM ref no. C/CTUIL/OM/04 dated 14.01.2022 directed POWERGRID for implementation of the subject Transmission scheme along with signing of Concession Agreement with CTUIL. Copy of MOP OM and CTUIL OM is enclosed as **Encl-4.**

That CEA vide letter dated 04.02.2022 conveyed the prior approval of the Government of India under Section 68 (1) of the Electricity (Supply) Act, 2003 to POWERGRID for installation of overhead transmission lines included in the subject Transmission scheme. Copy of CEA letter for prior approval is enclosed as **Encl-5.**

8. That the investment approval of the project has been accorded by Board of Directors of POWERGRID vide Memorandum ref no. C/CP/PA2223-04-0P-IA007 dated 07.07.2022 at an estimated cost of ₹ 4546.26 crore including Interest During Construction (IDC) of ₹ 136.75 crore based on March 2022 price level; a copy whereof is attached hereto as **Encl.-6.** Further, Commissioning Schedule as per IA is June 2023.

9. As per the investment approval dated 07.07.2022, Subject project was scheduled to be commissioned by 30.06.2023 against which the subject asset was put under commercial operation as under:

Asset	SCOD	DOCO	Delay (in days)
Asset-1	30.06.2023	03.07.2024	369
Asset-2	30.06.2023	20.03.2025	629

It is submitted that the remaining assets under the project are under various stages of completion and petition for those assets shall be filed as and when the same are declared under Commercial Operation.

SCOPE OF WORK:

10. The scope of work covered under ""**Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B**" is as follows:

Transmission Lines:

I. Navsari (New) (South Gujarat) (GIS) - Magarwada (GIS) - Kala (GIS) 400 kV line – **139.34 km** (M/c portion: 96.58 KM & D/c portion: 43.66 km) (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)

II. Navsari (New) (South Gujarat) (GIS) - Padghe (GIS) 765 kV D/c line – **220.90 km** (124.90 km in Gujarat & 96 km in Maharashtra)

Substations:

1. **Establishment of 765/400/220 kV Navsari (New) (South Gujarat) GIS Substation (Digital Substation)**

765 kV

- 2 nos. of 765/400 kV, 1500 MVA ICT (7 x 500 MVA incl. 1 spare unit)
- 2 nos. ICT bays
- 2 nos. Line bays
- 2 nos. 765 kV, 330 MVAr bus reactor (7 x 110 MVAr inc. 1 switchable spare unit)
- 2 nos. Bus reactor bays
- 1 x 80 MVAr single phase switchable spare unit (for Ahmedabad - Navsari (New) (South Gujarat) 765 kV D/c line)

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• 330 MVAr, 765 kV Switchable line reactor on each ckt at Navsari (New) (South Gujarat) end of Navsari (New) (GIS) - Padghe (GIS) 765 kV D/c line

• 2 nos. Switchable line reactor bays

400kV

• 3 nos. 400/220 kV, 500 MVA ICT

• 5 nos. ICT bays

• 4 nos. Line bays

• 63 MVAr Switchable line reactor on each ckt at Navsari (New) (GIS) end of Navsari (New) (GIS) - Kala (GIS) 400 kV D/c line

• 2 nos. Switchable line reactor bays

• 1 no. 400 kV, 125 MVAr Bus Reactor

• 1 no. 400 kV Bus Reactor bay

220 kV

• 3 nos. ICT bays

• 2 nos. Bus Coupler bays

• 2 nos. of Bus Sectionalizer bays

2. Extension of 400 kV Kala (GIS) (PG) Substation

400kV

• 2 nos. Line bays

3. Extension of 400 kV Magarwada (GIS) (PG) Substation

400kV

• 2 nos. Line bays

4. Extension of 765/400 kV Padghe (GIS) (PG) Substation*

765 kV

• 1 no. of 765/400 kV, 1500 MVA ICT

• 1 no. ICT bay *

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• 2 nos. line bays

• 2 nos. line bays for future bays

400kV

• 1 no. ICT bay *

*The available spare equipped bays (765kV bay: existing & 400kV bay: under construction under WRSS XIX scheme) at Padghe (GIS) S/s shall be utilized for the subject ICT

11. That the status of the entire scope of project is as tabulated below:

Asset No	Asset Name	SCOD	DOCO
Asset-1	1x1500 MVA 765/400 KV ICT, along with associated 765kV and 400kV bays* at POWERGRID Padghe GIS Substation	30.06.2023	03.07.2024
Asset-2	400 kV New Navsari(GIS)-Magarwada (GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada (GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S and 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.		20.03.2025
Balance Assets under the Scheme		Yet to be commissioned	

The CPM, Pert chart, SLD and DPR extract of the scheme is attached hereto as **Encl. – 7.**

12. It is submitted that as per Regulation 9 of the CERC (Terms and Conditions of Tariff) Regulations, 2024, the following condition has to be fulfilled while filing the Tariff petition for 2024-29 tariff block: -

Quote

"Provided that where the transmission system comprises various elements, the transmission licensee shall file an application for determination of tariff for a group of elements on incurring of expenditure of not less than Rs. 100 Crore or 70% of the cost

envisaged in the Investment Approval, whichever is lower, as on the actual date of commercial operation."

Unquote

The completion cost of the assets covered under instant petition as per Auditor Certificates that are enclosed at Encl.- 12 of this petition is Rs 1124.58 Cr and hence with the commissioning of Asset-1 and Asset-2, the above mentioned condition has been met and the Petitioner is filing the instant petition in compliance with Regulation 9 of CERC Regulations, 2024.

13. Approval of DOCO:

It is submitted that as per the Regulation 5 of the CERC (Terms and Conditions of Tariff) Regulations, 2024, following provision is applicable for approval of DOCO by Hon'ble Commission in case of non-readiness of downstream transmission system:

CERC (Terms and Conditions of Tariff) Regulations, 2024, Chapter 2,

"5. Date of Commercial Operation: ***(1) The date of commercial operation of a generating station or unit thereof or a transmission system or element thereof and associated communication system shall be determined in accordance with the provisions of the Grid Code.*** *In the event of mismatch of COD between associated transmission and/or generating stations, the liability for the transmission charges shall be in accordance with the provisions of the Sharing Regulations, 2020 as amended from time to time.*

CERC (Indian Electricity Grid Code) Regulations, 2023, Chapter 5,

27……..

Provided also that in case a transmission system or an element thereof executed under regulated tariff mechanism is prevented from regular service on or after the scheduled COD for reasons not attributable to the transmission licensee or its supplier or its contractors but is on account of the delay in commissioning of the concerned generating station or in commissioning of the upstream or downstream transmission system of other transmission licensee, the transmission licensee shall approach the Commission through an appropriate petition along with a certificate from the CTU to the effect that the transmission system is complete as per the

applicable CEA Standards, for approval of the commercial operation date of such transmission system or an element thereof:

It is submitted that based on MOP Meeting held on 02.11.2021 regarding Resource Adequacy Plan for the state of Gujarat, Transmission Network Expansion schemes and Network Augmentation in South Gujarat were decided to be implemented in a compressed schedule to meet short-term and long-term ATC requirements of the state of Gujarat.

Accordingly, the subject scheme was planned to enhance Gujarat System Available Transfer Capability for drawl of power from ISTS under peak load scenario with a Compressed schedule of June'23 which was further deliberated in 01st JSM meeting held on 05.11.2021.

Subsequently, the above scheme was communicated by CTUIL to NCT vide letter dated 16.11.2021 and the matter was taken up in 07th NCT. Copy of MOP Meeting dated 02.11.2021 and CTUIL letter dated 16.11.2021 is enclosed as **Encl-8.**

That as per 01st JSM, GETCO was given the responsibility to implement the associated downstream system in matching time-frame of Navsari(New) (South Gujarat) S/s.

However, as on date, the downstream system to be developed by GETCO is not yet ready and hence, power flow in the petitioner scope of work could not be achieved due to non-availability of downstream system at Navsari Substation and therefore, Asset-2 have been idle charged since 19.03.2025 and proposed to be put under commercial operation w.e.f. 20.03.2025. Accordingly, approval of DOCO has been sought under Regulation 5 of the CERC (Terms and Conditions of Tariff) Regulations, 2024 and Chapter-5 of CERC (Indian Electricity Grid Code) Regulations, 2023.

In support of readiness and Proposed COD of the Asset-2, the following details are as submitted: -

Assets Description	CEA Approval of energizatio n date	Notice to RLDC	Charging Date	Date of Completion of Trial Run	Proposed COD claimed
400 kV New Navsari (GIS)-Magarwada (GIS) Ckt-1 of D/C line along with associated 400 kV line bay (GIS) at New Navsari (GIS) S/S & Magarwada (GIS) S/S.	17.02.2025	19.02.2025	04.03.2025	05.03.2025	20.03.2025
400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S.	14.02.2025		04.03.2025	05.03.2025	
400 kV New Navsari (GIS)-Magarwada (GIS) Ckt-2 of D/C line along with associated 400 kV line bay (GIS) at New Navsari (GIS) S/S & Magarwada (GIS) S/S.	17.02.2025		05.03.2025	06.03.2025	
500 MVA 400/220 kV ICT-1 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S	14.02.2025		10.03.2025	11.03.2025	
500 MVA 400/220 kV ICT- 2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S	14.02.2025		18.03.2025	19.03.2025	

Asset-2 qualifies for approval of DOCO as per clause 5 of Tariff Regulations, 2024 and CERC (Indian Electricity Grid Code) Regulations, 2023.

In accordance with above it is prayed to the Hon'ble Commission to approve DOCO of Asset-1 as 03.07.2024 and DOCO of Asset-2 as 20.03.2025 and allow full tariff as claimed under instant petition.

CEA Certificate, RLDC, CMD Certificate and DOCO certificate in case of **Asset-1** and CEA Certificate, No load RLDC certificate (completion certificate - *Applied (copy attached) and awaited from CTUIL, shall be submitted Before Hon'ble Commission upon receiving*) and CMD certificate in case of **Asset-2** under clause 5 of Tariff Regulation' 2024 and CERC (Indian Electricity Grid Code) Regulations, 2023 are enclosed hereto as **Encl-9.**

It is submitted that in 07th NCT meeting dated 03.12.2021, it was decided that for termination of Navsari (New) (South Gujarat) (GIS) – Padghe (GIS) 765 kV D/c line at Padghe (GIS) S/s, two no. of equipped GIS bays are already available. Accordingly, the requirement of GIS bays at Padghe may not be included in the detailed scope of works. This was further rectified in MOP OM wherein MOP directed CTUIL that the available spare equipped bays (765kV bay: existing & 400kV bay: under construction under WRSS XIX scheme) at Padghe GIS S/s shall be utilized for subject ICT.

The same has been noted again in the Investment approval and therefore the following spare bays are utilized for Asset-1 i.e. 1x1500 MVA 765/400 KV ICT, along with associated 765kV and 400kV bays* at POWERGRID Padghe GIS Substation.

Available Spare bays:

- **765 kV bay commissioned under IPP-Set E scheme and**
- **400 kV bay commissioned under WRSS XIX scheme**

14. Implementation Schedule

a. As per the Joint Study Meeting held on 05.11.2021 amongst CEA, CTUIL, POSOCO & GETCO, implementation schedule for instant Transmission Scheme shall be June 2023 in-line with MOP OM dated 13.01.2022 and CTUIL OM dated 14.01.2022. Against this, Asset-1 has been commissioned and put under commercial operation w.e.f. **03.07.2024.** Further, the following downstream system of 220 kV interconnections Navsari (New) (South Gujarat) S/S (under intra-state) was also planned and GETCO was in charge of implementing this system in matching time frame of Navsari (New) (South Gujarat) S/S:
    a. LILO of both circuits of 220kV D/C Navsari-Chikhli line at Navsari (New) (South Gujarat) S/S along with associated line bays
    b. LILO of both circuits of 220kV D/C Navsari-Nasik line at Navsari (New) (South Gujarat) S/S along with associated line bays

b. However, as on date, the downstream system to be developed by GETCO is not yet ready and hence, power flow in the petitioner scope of work could not be achieved due to non-availability of downstream system at Navsari Substation and therefore, Asset-2 have been idle charged since 19.03.2025 and proposed to be put under commercial operation w.e.f. **20.03.2025**. Thus, there is a delay of 369 days in commissioning of Asset-1 and 629 days in commissioning of Asset-2.

Justification for the Delay:

Asset-1: As stated at para b. above, there is a delay of 369 days in commissioning of Asset-1 vis-à-vis the schedule date of commissioning. In this regard, it is submitted that immediately after issuance of Investment Approval dated 07.07.2022, the contract was placed to M/s BHEL via Purchase Order No. 5002002164/TRANSFORMER/DOM/A04-CC CS-5/NOA-I/40007 & NOA-II/40008 dated 05.08.2022, for the supply of 3x500 MVA, 765/400 kV ICTs at Padghe GIS Substation.

However, delays occurred in the supply of the main tank, oil, and accessories due to raw material shortages at M/s BHEL.

Despite repeated follow-ups and meetings, these components were delivered between April and June 2024.

It is further submitted that the associated bushings were to be dispatched from Massa, Russia. However, the ongoing Ukraine-Russia conflict resulted in delays and disruptions in shipments from Russia due to several factors including the closure of ports, changes in trade routes, and increased costs. Hence the supply of said bushings were delayed inordinately and therefore as a mitigation measure, these 765 kV and 400 kV bushings were diverted from POWERGRID internal resources.

Record Notes of meeting with M/s BHEL are enclosed as **Encl-10**.

Asset-2:

As stated at para b. above, there is a delay of 629 days in the commissioning of Asset-2 vis-à-vis the schedule date of commissioning and the reasons for the same are as follows:

The reason for time overrun is primarily due to severe ROW Issues that were being faced in the construction of Transmission Line in Navsari, Valsad and Daman District of Gujarat.

The detailed justification is as below:

I. Delay due to severe ROW issues:

The said transmission line is traversing through various villages in Navsari, Valsad, Dwarika, Jamnagar, Banaskantha and Patan Districts. The implementation of the transmission line was hampered by the persistent ROW issues at various locations. It is relevant to mention here that before the start of construction works, petitioner had proactively apprised the district authorities in advance for seeking their kind

cooperation in case the Right of Way issues are encountered or likely to be encountered. The ROW issues involved demand of exorbitant amount of crop compensation, land compensation, delay in issuance of land rates, shifting of transmission line to Eco Sensitive Coastal Area in Navsari District, mining works near tower area, etc in Right of Way of line. Further, wherever possible, persuasive measures were adopted to pacify the land owners/ villagers agitating against the line construction. However, at certain locations verbal persuasions did not suffice and eventually the help and assistance of District administration, Police department was sought to mitigate the ROW issues. The broad chronology of the RoW issues faced and steps undertaken by petitioner for its mitigation are tabulated as below:

(i) It is submitted that the execution of subject transmission line started immediately after allotment of project and that survey related works were carried out at rapid pace.

(ii) Thereafter, the works came to a grinding halt, owing to severe ROW issues concentrated at few locations which accounted for significant time overrun of over 1.5 years (i.e. from Sep'2022 till March'2024).

(iii) The Right Of Way issues encountered were on following accounts:

- **Demand for high compensation against damage to crop/tree & standing properties:**
  That the construction works were severely affected in the districts of Navsari and Valsad as high compensation demands were raised by the villagers. The petitioner has taken up the matter with District Administration time to time right from the start of the project. The matter was also taken up with Principal Secretary (Energy & Petrochemicals), Additional Secretary (Energy & Petrochemicals) and Government of Gujarat for resolving RoW issues. Several Meetings were held with Revenue Officials, Village Sarpanch, Gram Panchayat members and Local Villagers. However, the villagers continued to disrupt the construction works and demanded undue compensation. Several applications were also filed under section 16 (1) of the Indian Telegraph Act 1885 for removal of obstruction whose orders were also issued allowing POWERGRID to start construction works. However, land owners did not allowed POWERGRID to start the construction works and finally Police Protection and necessary support from revenue officials was obtained and that matter could only be resolved in march 2024 after which construction works were taken up on fast track mode.

- **Delay in issuance of Land Compensation orders in the district of Navsari and Valsad and revision of compensation guidelines by MoP:**

It is submitted that as per the Electricity act 2003, POWERGRID has not acquired any land for construction of Transmission line and that it is having only user rights and the land will remain in the name of landowners and as such no land acquisition were involved in the instant asset. However, compensation was to be disbursed for loss or damages to the standing crop and tree and land compensation for tower footing area and the line corridor to the affected land owner/farmer as assessed by the revenue authorities.

In this regard, it is submitted that there was significant delay on part of revenue authorities in finalization of land rates which caused further delay in finalization and hence disbursement of land compensation by POWERGRID due to which there was consequential delay in resolving ROW Issues. That the matter was taken up with Revenue Department, Gujarat and DC, Navsari time to time for resolving this mater and for issuance of land rates for fixation of land compensation amount.

Subsequently, vide letter dated 14.06.2024, Ministry of Power has issued Guidelines for Payment of compensation in regard to Right of Way for transmission lines. As per these guidelines, land compensation is to be paid to the land owners for the tower base area and line after verification of land records with revenue maps by Revenue Officials. This further delayed the disbursement of land compensation due to revised survey of line corridor and revised assessment of land ownership and compensation amount.

- **Demand for Change in Tower Locations and shifting of Line:**

The villagers and land-owners of several locations demanded changing the tower locations and shifting to other locations. Further, vide letter dated 20.03.2023 from District Collector, Navsari, request was raised for shifting of instant line to coastal areas in Navsari District. In response, POWERGRID vide letter dated 12.04.2023 submitted that the shifting of line is Technically not Viable due to reasons noted in the letter. The matter remained in limbo for a long time and after inordinate delay the same was eventually resolved and construction work started in these locations from Dec 2023.

- **Sand Mining works near Tower Location no. 7/1 and 7/2.**

It is submitted that sand mining works were being carried out at Tower Location No. 7/1 and 7/2 in Taluka – Jalalpore of district Navsari. The same was informed to District Collector, Navsari vide letter dated 15.05.2024 and 24.06.2024 and immediate action was solicited for restriction of any activity of such kind near Tower Locations as per CEA Regulations.

It is relevant to submit here that even after multiple persuasion, the matter escalated at various locations and manpower deployment for protection was also sought many a time from the local police for completing the balance works.

(iv) Further, for mitigation of the said issues, the matter was taken up with various district and state level administrative functionaries of Gujarat. After lot of efforts, land owners could be persuaded against demand for land compensation and accordingly, the works were re-commenced from March'2024 and eventually completed in March 2025.

(v) It is submitted that multiple ROW issues were on-going simultaneously at various locations with intermittent resolution in between the said period. Further, it is to mention that owing to these uncontrollable ROW issues, which had been accompanied with periods of negligible activity, de-mobilization and re-mobilization of labourers/gangs, etc, a considerable amount of time was lost from Sep'2022 to March 2024.

(vi) The detailed chronology of the events and correspondences undertaken in resolving the RoW issues is as tabulated below:

400kv D/c Navsari (New) - Magarwada TL

SL. NO/	SUBJECT - DETAILS	LETTER DATED	SUBMITTED TO	Attachments Ref
1	Letter to the Collector-**Request for administration support to Resolve the row issue**	9-12-2022	To Collector navsari	Annex-1
2	REQUEST FOR SUPPORT AND IMPLIMENTATION OF PROJECTS	9-12-2022	SDM, NAVSARI	Annex-2
4	REQUEST FOR RESOLUTION OF ROW ISSUES IN NAVSARI & VALSAD DISTRICTS	26-12-2022	ENERGY MINISTER GUJRAT	Annex-3
5	**Meeting & request for support for resolution of ROW issues in ongoing projects in Gujarat.**	26-12-2022	**ACS-(EPD, GoG)**	Annex-4
6	TO SUPPORT THE CONSTRUCTION WORK OF 400KV M/C NMTL, 765 KV NPTL	29-12-2022	FOR VALSAD COLLECTOR, FROM ENERGY MINISTER, GUJRAT	Annex-5

7	TO SUPPORT THE CONSTRUCTION WORK OF 400KV M/C NMTL, 765 KV NPTL	29-12-2022	FOR NAVSARI COLLECTOR, FROM ENERGY MINISTER, GUJRAT	Annex-6
8	**To provide necessary support for resolution of ROW issues and implementation of Projects.**	29-12-2022	**Letter to DC-Navsari from Dy Secretary (EPD)**	Annex-7
9	REQUEST FOR ADMINISTRATIVE SUPPORT TO RESOLVE THE ROW ISSUE FOR IMPLIMENTATION OF PROJECTS 765KV D/C LINE AND 400KV M/C LINE	31-12-2022	SDM Navsari	Annex-8
10	REQUEST FOR **ADMINISTRATIVE SUPPORT TO RESOLVE THE ROW ISSUE FOR IMPLIMENTATION OF PROJECTS 765KV D/C LINE AND 400KV M/C LINE**	2-01-2023	EXECUTIVE MAGISTRATE CUM MAMALATDAR, JALALPORE, NAVSARI	Annex-9
11	REQUEST FOR ADMINISTRATIVE SUPPORT TO RESOLVE THE ROW ISSUE FOR IMPLIMENTATION OF PROJECTS 765KV D/C LINE AND 400KV M/C LINE	4-01-2023	COLLECTOR & DM, NAVSARI	Annex-10
12	Request for administrative support to resolve the ROW issues for implementation of Projects (765kv D/c line and 400 kV M/c line)	04-01-2023	DC-Navsari	Annex-11
13	REGARDING **SUPPORT FOR CONSTRUCTION ACTIVITIERS IN GOVERNMENT LAND**	20-01-2023	COPY TO SDM, NAVSARI	Annex-12
14	REQUEST FOR **SUPPORT FOR THE RESOLUTION OF RIGHT OF WAY ISSUES**	24-01-2023	SP, NAVSARI	Annex-13
15	**INTIMATION FOR THE EXECUTION OF FOUNDATION IN VILL KHARSAD AND ABRAMA REG**	24-01-2023	MAMLATDAR, JALALPORE NAVSARI	Annex-14
16	Request to support for resolving ROW issue	6-02-2023	Collector, Navsari	Annex-15
17	Request to support for resolving ROW issue	14-02-2023	SDM, CHIKHALI	Annex-16
18	**Met with Hon'ble Energy Minister (GoG) and requested to provide support for resolution of ROW issues in ongoing projects in Gujarat.**	27-02-2023	**Meeting with Hon'ble Energy Minister (GoG)**	
19	**Meeting & request for support for resolution of ROW issues in ongoing projects in Gujarat.**	28-02-2023	**Chief Secretary-GoG**	Annex-17
20	News Paper cutting for ROW in 765kV and 400 KV line	1-03-2023	New paper cutting	Annex-18

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21	400Kv M/c New Navsari - Magarwada TL - Regarding ROW in Govt land/	7-03-2023	Collector and District Magistrate- Navsari	Annex-19
22	Letter to the Collector & District Magistrate-**withdrwawal application under section 16(1)**	13-03-2023	Collector and District Magistrate navsari	Annex-20
23	News Paper cutting for ROW in 765kV and 400 KV line	13-03-2023	New paper cutting	Annex-21
24	**Meeting of ED, WR-II with Principle Secretary (Energy) GoG and requested to provide support for resolution of ROW issues in ongoing projects in Gujarat**	01-04-2023	**Principal Secretary, GoG**	Annex-22
25	Letter to the Collector & District Magistrate Navsari-Request for support for the resolution of ROW issues in Navsari district/	3-04-2023	COLLECTOR and District Magistrate-Navsari	Annex-23
26	Letter to the Collector & District Magistrate-Regarding Shifting of transmission line to Eco Sensitive Coastal Area in Navsari District/	12-04-2023	to the Collector & District Magistrate	Annex-24
27	Disposal of pending RoW issues for construction of various transmission lines on priority basis.	21-04-2023	Letter to DC-Navsari from Addl. Secretary (EPD)	Annex-25
28	Letter to the principal secretary-**Request for resolve the row issue**	25-04-2023	To the principal secretary/Gandhinagar	Annex-26
29	**Meeting & request for support for resolution of ROW issues in ongoing projects in Gujarat.**	25-04-2023	**Principal Secretary, GoG**	Annex-27
30	**Disposal of Pending RoW issues for Construction of Various Transmission lines on Priority basis under ISTS projects.**	28-04-2023	**Meeting through VC conducted by Energy and Petrochemicals Department**	
31	**Meeting & request for support for resolution of ROW issues in ongoing projects in Gujarat.**	28-04-2023	**Letter from Director (Projects) to Chief Secretary (GoG)**	Annex-28
32	Letter to the Collector-**Request for Support for the resolution of row issue**	11-05-2023	To Collector navsari	Annex-29
33	**Request for support for resolution of ROW issues in ongoing projects in Gujarat.**	15-05-2023	**Letter from CMD to Chief Secretary (GoG)**	Annex-30
34	Request for support for resolution of ROW issues in ongoing projects in Gujarat.	14-06-2023	Commissioner (Land Reforms) & Ex-Officio Secretary (Revenue Department)	Annex-31

35	**Disposal of Pending RoW issues for Construction of Various Transmission lines on Priority basis under ISTS projects.**	22-06-2023	**PMG Meeting conducted by Secretary (Coordination), Cabinet Secretariat with Govt. of Gujarat through VC**	
36	Letter to the Collector-**Request for issuance of order under section16(1) of the Indian Telegraph act1885 for implementation of transmission line**	6-07-2023	To Collector navsari	Annex-32
37	Letter to the Collector& district magistrate-**Request for police protection demand for construction activity**	11-08-2023	To the Collector& district magistrate navsari	Annex-33
38	Letter to the superintendent of police-**Regarding police protection for construction activity**	11-08-2023	To the superintendent of police navsari	Annex-34
39	Letter to the superintendent of police-**Request for police protection demand for construction activity**	16-08-2023	To the superintendent of police navsari	Annex-35
40	Letter to the SDM-**Regarding village wise landowner details**	17-08-2023	To the SDM navsari	Annex-36
41	Letter to the district Collector-**Regarding land compensation under navsari**	13-09-2023	To the district Collector navsari	Annex-37
42	Letter to the Collector & District Magistrate-**Regarding Row issue**	15-09-2023	Collector and District Magistrate navsari	Annex-38
43	Letter to the district Collector-**Regarding submission of land compensation along the land owner details**	27-09-2023	To the district Collector navsari	Annex-39
44	Letter to the District Collector-**Regarding Review petition for section 16 order**	30-09-2023	District Collector	Annex-40
45	Letter to the District Collector --**Regarding submission of land compensation under navsari**	4-10-2023	District Collector	Annex-41
46	Letter to the superintendent of police-**Regarding police protection during foundation work**	5-10-2023	To the superintendent of police navsari	Annex-42
47	Letter to the Collector & District Magistrate-**Diversion of Transmission**	12-10-2023	Collector and District Magistrate navsari	Annex-43

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	line **Approved Route Alignment**			
48	Letter to the superintendent of police-**Regarding police protection for construction** **activity**	17-10-2023	To the superintendent of police navsari	Annex-44
49	Letter to the District Collector-Regarding Review petition for section 16 order/	19-10-2023	District Collector-Navsari	Annex-45
50	Letter to the Collector& district magistrate-**Request for administration support to execution of work**	19-10-2023	To the Collector& district magistrate navsari	Annex-46
51	Letter to the mamlatdar-**Request for administration support to execution of work**	25-10-2023	To the mamlatdar Navsari	Annex-47
52	Letter to the superintendent of police-Request for the police protection from the period of 02/11/2023 to 09/11/2023	31-10-2023	To the superintendent of police navsari	Annex-48
53	Letter to the Collector & District Magistrate-**Regarding Row issue**	6-11-2023	Collector and District Magistrate Valsad	Annex-49
54	Letter to the Mamlatdar Navsari-**Request for assessment/issuance of land** **compensation order as per GR of GOVT of Gujarat**	7-11-2023	To the mamlatdar	Annex-50
55	Letter to the Collector& district magistrate-**Construction progress in navsari district**	21-11-2023	To Collector navsari	Annex-51
56	Letter to the Collector & District Magistrate-**Objection arising in connection of 765kV D/C new navsari padghe&400kV new navsari Magarwada line**	11-12-2023	Collector and District Magistrate navsari	Annex-52
57	Letter to the Mamlatdar Navsari-**Regarding submission of tower location details** **under navsari**	12-12-2023	To the mamlatdar jalalpore- Navsari	Annex-53
58	Letter to the superintendent of police-Request for the police protection from the period of 02/01/2024 to 02/02/2024	26-12-2023	To the Superintendent of police	Annex-54
59	Letter to the Mamlatdar Navsari-Request for support for the administration support for execution of project reg/	1-01-2024	To the mamlatdar-Navsari	Annex-55

60	Letter to the Deputy Collector-**Request for NA land Jantri rate and ownership details**	18-01-2024	Deputy collector	Annex-56
61	Letter to the Collector & District Magistrate **Navsari-Regarding administration and police support to executive the balance works**	4-03-2024	Collector and District Magistrate navsari	Annex-57
62	Letter to the Collector & District Magistrate-**Regarding administration and police support to executive the balance works**	14-03-2024	Collector and District Magistrate **navsari**	Annex-58
63	Letter to the SDM-**Review& Approval of format to expedite the crop/tree assessment process**	22-03-2024	To the SDM- Navsari	Annex-59
64	Letter to the Collector & District Magistrate-**Regarding completion foundation against the application field under 16(1)**	28-03-2024	Collector and District Magistrate navsari	Annex-60
65	Letter to the Collector & District Magistrate-Regarding stoppage of sand mining work near tower location no/7/1, 7/2	15-05-2024	Collector and District Magistrate navsari	Annex-61
66	Letter to the SDM-Regarding measurement and verification of survey no/ involved in line corridor	22-05-2024	To the SDM	Annex-62
67	Letter to the District Collector-Regarding measurement and verification of survey no/ involved in line corridor	22-05-2024	Collector and District Magistrate navsari	Annex-63
68	Letter to the Collector & District Magistrate-Regarding stoppage of sand mining work near tower location no/7/1, 7/2	24-06-2024	Collector and District Magistrate navsari	Annex-64
69	Letter to the Deputy Collector-**Request for NA land Jantri rate and ownership details**	28-06-2024	Deputy collector-Navsari	Annex-65
70	Letter to the Collector & District Magistrate Navsari-Payment of land compensation to the land owners/	2-07-2024	Collector and District Magistrate navsari	Annex-66
71	Letter to Providing one no of additional tower to maintain electrical clearance for GETCO Line reg/	2-07-2024	Chief Engineer GETCO	Annex-67

72	Letter to the Collector & District Magistrate- Issuance of section -16(1) order-reg/	9-09-2024	Collector and District Magistrate navsari	Annex-68
73	Letter to the Collector & District Magistrate- Survey of line corridor for payment of land compensation to the land owners-reg	9-09-2024	Collector and District Magistrate navsari	Annex-69
74	Letter to the Mamlatdar jalalpore	15-01-2025	Mamlatdar jalalpore	Annex-70
75	Letter to the Mamlatdar jalalpore	3-12-2024	Mamlatdar jalalpore	Annex-71
76	Letter to the Collector & District Magistrate Navsari-Finalization of land rate/	31-12-2024	Collector and District Magistrate navsari	Annex-72

All the correspondences made with Local Administration and higher Authorities for resolution of RoW issues are enclosed as **Encl-11.**

It is submitted that through our efficient and relentless efforts, and prudent practices in project planning and execution, Petitioner have completed its scope. That the Hon'ble Commission is requested to allow the IDC and IEDC for the completion of the subject asset, as the circumstances were beyond the Petitioner's control.

15. Estimated Completion Cost:

The present Petition for determination of tariff is filed in line with provision 9(1) of tariff Regulation 2024 applicable for 2024-29 period. The capital cost incurred upto DOCO and additional capital expenditure projected to be incurred for 2024-29 is duly certified by the Auditor. Copy of Auditor Certificates for the assets in the instant petition are attached at **Encl-12.**

(₹ in Lakhs)

Asset No.	Apportioned Approved Cost as per FR	Expenditure Up to COD	Estimated expenditure during 2024-29 tariff block			Estimated completion Cost as on 31.03.2029
			2024-25	2025-26	2026-27	
Asset-1	4379.07	4483.91	761.05	635.98	17.45	5898.39
Asset-2	122009.41	81409.23	-	13290.73	11859.34	106559.29

It may be seen from the above table that against the apportioned approved cost of ₹4379.07 Lakh as per FR, the estimated completion cost of Asset-1 is ₹5898.39 Lakh. Thus, there is cost overrun of Rs. 1519.32 Lakhs w.r.t. FR apportioned approved cost for Asset-1.

With regard to Asset-2, against the apportioned approved cost of ₹122009.41 Lakh as per FR, the estimated completion cost is ₹106559.29 Lakh. Thus, there is no cost overrun w.r.t. FR apportioned approved cost in case of Asset-2

Justification for the Cost Over-run:

Cost variation:

The variation between estimated completion cost vis-à-vis approved cost for the Assets covered under instant petition are given as hereunder:

₹ in Lakhs

Asset No.	Apportioned FR Approved Cost (a)	Estimated completion Cost (b)	Cost Variation (c=b-a)	% Variation
Asset-1	4379.07	5898.39	1519.32	~35%
Asset-2	122009.41	106559.29	-15450.12	~13%

The item-wise cost variation between FR approved cost and estimated completion cost have been given in Form-5.

Some of the equipments which has significant cost variation is as tabulated below:

Asset-1: - **₹ in Lakhs**

Sl. No	Description	Cost as per FR	Estimated Capital Cost	Variation (-decrease, +increase)
		a	b	c = b - a
B	Substations			
1	Civil Works	46.19	0	-46.19
2	Switchgear Equipments	73.45	108.90	35.45
3	Transformer	3601.58	5176.16	1574.58
4	Control and protection equipment	13.26	19.66	6.40
5	Structure for switchyard	198.30	294.01	95.71
6	Over heads	314.62	204.38	-110.24
7	Interest During Construction (IDC)	131.67	95.29	-36.38
	Total	4379.07	5898.4	1519.33

Further, salient reasons of Cost Variation w.r.t. FR for is given here as under:

Cost variation in the Substation equipment including Transformer

It is submitted that through open competitive bidding process, most competitive market prices for required product/services/as per detailed designing is obtained and contracts are awarded on the basis of lowest evaluated responsive bidder on overall basis. The best competitive bid prices against tenders may vary as compared to the cost estimate depending upon prevailing market conditions, design and site requirements, whereas the estimates are prepared by the petitioner as per well-defined procedures for cost estimate. The FR cost estimate is broad indicative cost worked out generally on the basis of average unit rates of recently awarded contracts as a general practice. It is submitted that the cost estimate of the project is on the basis of March 2022 price level.

Further, regarding variation in cost of individual items in substation packages, it is submitted that the major variation in cost due to increase in the cost of transformer. The apportioned cost of transformer as per FR is Rs 3601.58 Lakh against which the estimated completion cost of the transformer is Rs 5176.16 lakh thus leading to cost over run of Rs 1574.58 lakh. In this regard, it is submitted that the estimates were taken from POWERGRID Schedule of Rates which has been prepared based on the average of unit rates of latest LOAs/Bids and/or from Raw material prices for March 2022 Price level. However, the completion cost of the transformer is the awarded cost received through competitive bidding process. In the said bidding process, bids are received from multiple parties quoting different rates for various BOQ items under the said package. Further, the lowest bidder can be arrived at/ evaluated on an overall basis only. Hence, item-wise unit prices in contracts and its variation over unit rate considered in FR estimates are beyond the control of the petitioner. Also, the quantities of lot items vary due to actual site conditions during execution.

Variation in IDC:

Variation in IDC is attributable to variation in the rate of interest considered in FR, Actual interest rates, and deployment of funds based on actuals. It may be mentioned that in FR, IDC was calculated considering the interest rate @9.00% of domestic loans subject to actuals. The actual IDC accrued up to DOCO has been considered in the Auditor Certificate.

Variation in IEDC:

In the Investment approval, IEDC and Contingency have been considered @ 5% and 3% respectively, whereas in actual no contingency has been incurred in the subject asset and that based on the actual expenditure under the subject head, IEDC has been considered in the Auditor Certificate.

Tariff for the instant asset has been claimed on the basis of Capital Cost as on actual DOCO and projected expenditure during 2024-29. Hence, it is humbly prayed that Tariff may be allowed on the completion cost for the asset covered under instant Petition. The Revised Cost Estimate-I (RCE-I) for the project is under preparation and shall be submitted before Hon'ble Commission.

Asset-2:

The completion cost of Asset-2 is within the FR apportioned approved cost. In addition to that, cost variation is around 13% in the completion cost of Asset-2 which may be attributed to various factors. It is submitted that the packages under subject scope of work comprises of large no. of items and the same are awarded through open competitive bidding. In the said bidding process, bids are received from multiple parties quoting different rates for various BOQ items under the said package. Further, the lowest bidder can be arrived at/ evaluated on an overall basis only. Hence, item-wise unit prices in contracts and its variation over unit rate considered in FR estimates are beyond the control of the petitioner. Also, the quantities of lot items vary due to actual site conditions during execution.

Tariff for the instant asset has been claimed on the basis of Capital Cost as on actual DOCO and projected expenditure during 2024-29. Hence, it is humbly prayed that Tariff may be allowed on the completion cost for the asset covered under instant Petition.

16. DETAILS OF THE INITIAL SPARES:

The Initial spares for the Assets have been calculated as per Regulation 23(d) of the Tariff Regulations, 2024 which provides as under:

"23. Initial Spares: Initial spares shall be capitalised as a percentage of the Plant and Machinery cost, subject to following ceiling norms: .....

(d) Transmission system

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(i) Transmission line - 1.00%

(ii) Transmission Sub-station

- Green Field- 4.00%

- Brown Field- 6.00%

(iii)Series Compensation devices and HVDC Station- 4.00%

(iv)Gas Insulated Sub-station (GIS)

- Green Field-5.00%

- Brown Field-7.00%

(v) Communication system - 3.50%

(vi) Static Synchronous Compensator - 6.00% .....

Provided that:

Plant and Machinery cost shall be considered as the original project cost excluding IDC, IEDC, Land Cost and Cost of Civil Works. The generating company and the transmission licensee, for the purpose of estimating Plant and Machinery Costs, shall submit the break-up of head-wise IDC and IEDC in its tariff application .....

Considering the aforesaid Regulation, the initial spares are calculated as under:

(₹ in Lakhs)

Asset No.	Particulars	Allowable % Spares (X)	Total Cap. Cost for calculation of initial Spares (A)	Initial Spares Claimed (B)	Allowable Initial Spares C= (A-B)*X/(100-X)	Excess Initial Spares () [If B>C]
Asset 1	Sub-station (GIS) Brown Field	7	5598.72	63.64	416.62	-352.98
	TL	-	-	-	-	-
	OPGW	-	-	-	-	-
Asset 2	Sub-station (GIS) Brown Field	5	15213.18	760.33	760.68	-0.35
	TL	1	57179.52	571.80	571.80	0.00
	OPGW	3.5	441.91	4.42	15.87	-11.45

It is submitted that the Initial spares under Sub-station (GIS Brown Field) head for the Asset-1 and Initial spares under Sub-station (GIS Green Field) head, Transmission Line

head and Communication System head in case of Asset-2 is within the specified allowable limit under Regulation 23 of the Tariff Regulations, 2024.

It is further mentioned that expenditure on initial spares included in the auditor certificate is as per actual cash expenditure incurred (i.e. the initial spares discharged upto DOCO included in the DOCO cost of auditor certificate and discharged after DOCO has been included in the additional capital expenditure of respective year in the auditor certificate). Since the expenditure on initial spares are included in the auditor certificate as per cash outflow, it is requested to Hon'ble Commission to allow the same as claimed in the petition.

17. DETAILS OF ADDITIONAL CAPITALIZATION

The details of additional capitalization (Add Cap) claimed during 2024-29 tariff block is given as hereunder:

The admissibility of additional capital expenditure (Add Cap) incurred after the DOCO is to be dealt with in accordance with the provisions of Regulation 24 of CERC Tariff Regulations, 2024. The extract of Regulation 24 of the Tariff Regulations, 2024 is reproduced as under:

"Additional Capitalization"

(1) The additional capital expenditure in respect of a new project or an existing project incurred or projected to be incurred, on the following counts within the original scope of work, after the date of commercial operation and up to the cut-off date may be admitted by the Commission, subject to prudence check:

(a) Payment made towards admitted liabilities for works executed up to the cut-off date;
(b) Works deferred for execution;
(c) Procurement of initial capital spares within the original scope of work, in accordance with the provisions of Regulation 23 of these regulations;
(d) Payment against the award of arbitration or for compliance with the directions or order of any statutory authority or order or decree of any court of law;
(e) Change in law or compliance with any existing law which is not provided for in the original scope of work;

(f) For uninterrupted and timely development of Hydro projects, expenditure incurred towards developing local infrastructure in the vicinity of the power plant not exceeding Rs. 10 lakh/MW shall be considered as part of capital cost and in case the same work is covered under budgetary support provided by Government of India, the funding of such works shall be adjusted on receipt of such funds;

Provided that such expenditure shall be allowed only if the expenditure is incurred through Indian Governmental Instrumentality; and

(g) Force Majeure events:

Provided that in case of any replacement of the assets, the additional capitalization shall be worked out after adjusting the gross fixed assets and cumulative depreciation of the assets replaced on account of de-capitalization.

Cutoff date:

Sl. No.	Asset	DOCO date	Cutoff date
1	Asset-1	03.07.2024	31.03.2028
2	Asset-2	20.03.2025	31.03.2028

18. Add cap for 2024-29 block:

Asset	Add cap detail (Rs. Lakhs)				
	2024-25	**2025-26**	**2026-27**	**2027-28**	**2028-29**
Asset-1	761.05	635.98	17.45		
	Applicable regulation (Tariff Regulations, 2024)				
	24(1)(a) & (b)	24(1)(a) & (b)	24(1)(a) & (b)	-	-
Asset-2	-	13290.73	11859.34	-	-
	Applicable regulation (Tariff Regulations, 2024)				
	-	24(1)(a) & (b)	24(1)(a) & (b)	-	-

19. The additional Capitalization incurred/projected to be incurred in the contextual assets is on account of Balance/Retention Payments for work executed under cut off date and additional works that are executed under cut off date and hence, the same may be allowed by the Hon'ble Commission under Regulation 24(1)(a) & (b) of Tariff Regulations, 2024. That the liability flow statement is enclosed as **Encl-13**.

20. TRANSMISSION TARIFF FOR 2024-29 BLOCK:

That as per regulation 8(1) (i) & (ii), 14 (5) and regulation 15 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024, the tariff for transmission of electricity on Inter-State transmission system (ISTS) shall comprise transmission charges for recovery of annual fixed cost consisting of (a) Return on Equity, (b) Interest on Loan Capital, (c) Depreciation, (d) Interest on Working Capital and (e) Operation and maintenance expenses.

The tariff for block 2024-29 has been worked out as per Regulation 10 of the CERC (Terms and Conditions of Tariff) Regulations, 2024. In the present petition the transmission tariff has been calculated taking actual Expenditure upto DOCO and Actual/estimated expenditure from DOCO to 31.03.2029. The tariff Formats for block 2024-29 has been worked out as per Annexure-I, Part III of the tariff regulations for period 2024-29.

Further, for the instant assets, details of accrual IDC as considered under add-cap during the year of discharge for tariff blocks 2024-29 are tabulated below.

Asset-1:

(Rs. in lakhs)

Sl. No	Expenditure	S/S	Total
1	As per Auditor Certificate as on DOCO	4483.91	4483.91
2	Less: Accrual IDC discharged after DOCO	75.53	75.53
3	Add: Notional IDC	16.39	16.39
4	**Expenditure upto DOCO excluding accrual IDC and including Notional IDC**	**4424.77**	**4424.77**
5	Add Cap during 2024-25	761.05	761.05
6	Add: Accrual IDC discharged during 2024-25	75.53	75.53
7	**Total ACE during 2024-25**	**836.58**	**836.58**
8	**Add Cap during 2025-26**	**635.98**	**635.98**
9	**Add Cap during 2026-27**	**17.45**	**17.45**
10	**Total Estimated Completion Cost**	**5914.78**	**5914.78**

Asset-2:

(Rs. in lakhs)

Sl. No	Expenditure	FL	B & C Works	TL	S/S	PLCC	IT Equipment	OPGW	Total
1	As per Auditor Certificate as on DOCO	14605.44	78.76	53896.10	12176.92	69.23	76.98	505.78	81409.22
2	Less: Accrual IDC discharged after DOCO	0	0.65	446.99	100.99	0.57	0.64	4.19	554.04
3	Add: Notional IDC	0	0.79	541.28	122.29	0.70	0.77	5.08	670.91
4	**Expenditure upto DOCO**	**14605.44**	**78.90**	**53990.39**	**12198.22**	**69.35**	**77.11**	**506.66**	**81526.09**
5	Add Cap during 2024-25	0	**0**	**0**	**0**	**0**	**0**	**0**	**0.00**
6	Add: Accrual IDC discharged during 2024-25	0	**0.10**	**69.46**	**15.69**	**0.09**	**0.10**	**0.65**	**86.10**
7	**Total ACE during 2024-25**	0	**0.10**	**69.46**	**15.69**	**0.09**	**0.10**	**0.65**	**86.10**
8	Add Cap during 2025-26	162.18	2242.48	10565.94	190.61	45.97	51.14	32.42	13290.74
9	Add: Accrual IDC discharged during 2025-26	0.00	0.55	377.53	85.30	0.48	0.54	3.54	467.94
10	**Total ACE during 2025-26**	**162.18**	**2243.13**	**10943.46**	**275.91**	**46.54**	**51.68**	**35.96**	**13758.68**
11	**Add Cap during 2026-27**	**0**	**2180.70**	**4259.43**	**5419.20**	**0**	**0**	**0**	**11859.34**
12	Total Estimated Completion Cost	**14767.62**	**4502.74**	**69262.75**	**17909.03**	**115.90**	**128.89**	**543.28**	**107230.21**

21. It is submitted that for the instant assets, Accrued IDC not discharged as on DOCO was not considered while calculating the tariff. The accrued IDC has been taken out of DOCO expenditure and added in the add cap, when it has been discharged in case of assets covered under the instant petition. The Hon'ble Commission is requested to kindly allow IDC on the basis of cash outflow. Further, the entire amount of IEDC for

the instant asset has been discharged as on DOCO. Cash IDC statement is enclosed at **Encl-14.**

Notional IDC: It is submitted that the petitioner has claimed notional IDC of ₹ 16.39 Lakhs for Asset-1 and notional IDC of ₹ 670.91 Lakhs for Asset-2. The same has been claimed in accordance with the provisions of Regulation 19(2)(b) and Regulation 21(1) of CERC Tariff Regulations, 2024. The calculation of the same is enclosed as **Encl – 15.**

22. The transmission tariff has been calculated based on audited cost. The tariff Formats for block 2024-29 have been furnished out as per Annexure-I, Part-III of the Tariff Regulations for period 2024-29 and the calculations for working out the tariff along with supporting documents are attached hereto as **Encl.-16**

The annual transmission tariff for the tariff period 2024-29 is summarized as below:

(Rs. In Lakhs)

Sl. No.	Project	2024-25	2025-26	2026-27	2027-28	2028-29
1	Asset-1	895.12	1324.56	1380.18	1387.89	1397.66
2	Asset-2	409.25	13404.65	15115.74	15753.48	15486.53

23. That, it is submitted that the petitioner being liable to pay income tax at MAT rate prescribed vide the taxation laws (Amendment) ordinance 2019 published in the Gazette dt. 20th September 2019. The ROE has been calculated @ 18.782% after grossing up the ROE with MAT rate of 17.472% (Base Rate 15% + Surcharge 12% + Cess 4%) based on the formula given at Regulation 31(2) of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for 2024-29 period. That as per clause 31 of the above regulation, the grossed-up rate of ROE at the end of every financial year shall be trued up based on actual tax paid together with any additional tax demand including interest thereon duly adjusted for any refund of tax including interest received from the IT authorities pertaining to the tariff period 2024-29 on actual gross income of any financial year. However, penalty, if any, arising on account of delay in deposit or short deposit of tax amount shall not be claimed by the generating company or the transmission licensee, as the case may be. Any under-recovery or over-recovery of grossed up rate on ROE after truing up shall be recovered or refunded to beneficiaries or the long-term customers, as the case may be on year-

to-year basis. It is further submitted that adjustment due to any additional tax demand including interest duly adjusted for any refund of tax including interest received from IT authorities shall be recoverable /adjustable during the tariff period 2024-29 on year-to-year basis on receipt of Income Tax assessment order.

24. Under CGST Act, 2017 implemented w.e.f. 01.07.2017, the Govt. of India has exempted the charges of transmission of electricity vide notification no. 12/2017 - Central Tax (Rate) dated 28.06.2017 at serial no. 25 under the heading 9969 "Transmission or distribution of electricity by an electric transmission or distribution utility" by giving applicable GST rate as NIL. Hence, the Transmission Charges as indicated at Para 25 above is exclusive of GST. Further, if GST is levied at any rate and at any point of time in future on Charges of Transmission of Electricity, the same shall be borne and additionally paid by the respondent(s) to the petitioner and the same shall be charged & billed separately by the petitioner. Further additional taxes, if any, are to be paid by the petitioner on account of demand from Govt. / Statutory authorities, the same may be allowed to be recovered from the beneficiaries.

25. In the tariff calculation for 2024-29 period, Interest on Loan has been calculated on the basis of rate prevailing as on DOCO / 01.04.2024 for respective loans. The change in Interest rate due to floating rate of interest applicable, if any, for the project needs to be claimed / adjusted over the tariff block of 05 years directly from / with the beneficiaries.

26. The transmission charges at para-22 above is inclusive of O&M expenses derived for the subject asset based on the norms for O&M expenditure for Transmission System as specified under regulation 36 (3) (a & d) of the tariff regulations for block 2024-29 but excludes security expenses, Insurance and capital spares as provided in the Regulation.

27. That as per Regulation 36(3)(d) of CERC Tariff Regulations, 2024, the Security Expenses, Insurance and Capital Spares more than 10 Lakh for transmission system shall be allowed separately after prudence check.

Security Expanses:

In this regard, it is submitted that a separate petition shall be filed for recovery of security expenses from 01.04.2024 to 31.03.2029 and consequential Interest on Working Capital (IOWC) on the same under the Regulation 36 (3) (d) of Central Electricity Regulatory Commission (Terms and Condition of Tariff Regulations) 2024.

Insurance:

In this regard, it is submitted that a separate petition shall be filed before Hon'ble Commission for claiming the overall Insurance Expenses and consequential Interest on Working Capital (IOWC) on the same considering actual Insurance Expense incurred by the Petitioner for the F/Y 2023-24 after escalating the same at 5.25% per annum for arriving at the Estimated Insurance Expense for the year 2024-25, 2025-26, 2026-27, 2027-28 and 2028-29.

Capital Spare:

With regard to Capital Spares, as per Tariff Regulations, 2024, Capital spares consumed and consequential Interest on Working Capital (IOWC) on the same shall be claimed by the Petitioner as per actual through a separate petition.

Accordingly, these expenses are not claimed in the subject petition through the relevant Tariff Form and shall be claimed separately.

28. The application filing fee, expenses incurred on publication of Notices in Newspapers and License fee may be allowed to be recovered separately from the respondents in terms of Regulation 94(1) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024. The fees and charges to be paid by the petitioner as ISTS licensee (deemed ISTS licensee) under CERC (Fees and Charges of RLDC and other matters) Regulations as amended from time to time shall also be recoverable from the DICs as provided under clause 94 (3) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024.

29. The Transmission Charges and other related Charges indicated at Para 22 above, is exclusive of incentive, late payment surcharge, FERV, any statutory taxes, levies, duties, cess, filing fees, license fee, RLDC fees and charges or any other kind of imposition (s) and/ or other surcharges etc. whatsoever imposed / charged by any Government (Central/State) and / or any other local bodies/authorities/regulatory

authorities in relation to transmission of electricity, environmental protection, and/or in respect of any of its installation associated with the Transmission System and the same shall be borne and additionally paid by the respondent(s) to the petitioner and the same shall be charged, billed separately by the petitioner on the respondents.

Sharing of Transmission Charges

30. Tariff for Transmission of Electricity (Annual Fixed Cost) for 2024-29 as per para 22 above shall be recovered on monthly basis in accordance with Regulation 78 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 and shall be shared by the beneficiaries and long-term transmission customers in Central Electricity Regulatory Commission (Sharing of Inter State Transmission Charges and Losses) Regulations, 2020 or as amended from to time.

31. In the circumstances mentioned above, it will be just and proper that the transmission tariff for the asset covered under this petition be allowed to be charged from the beneficiaries on the basis set out above. The Petitioner submits that the **Encl-1 to 15** may please be treated as integral part of this petition.

PRAYER

It is respectfully prayed that the Hon'ble Commission may be pleased to

1) Admit the capital cost as claimed in the Petition and approve the Additional Capitalization incurred / projected to be incurred.

2) Allow interim tariff in accordance with Regulation 10(3) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for purpose of inclusion in the PoC charges.

3) Approve the transmission tariff for 2024-29 block for the asset covered under this petition, as per Para 22 above.

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4) Allow the petitioner to recover the shortfall or refund the excess Annual Fixed Charges, on account of Return on Equity due to change in applicable Minimum Alternate/Corporate Income Tax rate as per the Income Tax Act, 1961 (as amended from time to time) of the respective financial year directly without making any application before the Commission as provided in Tariff Regulation 2024 as per para 28 above for respective block.

5) Approve the reimbursement of expenditure by the beneficiaries towards petition filing fee, and expenditure on publishing of notices in newspapers in terms of Regulation 94 (1) Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024, and other expenditure (if any) in relation to the filing of petition.

6) Allow the petitioner to bill and recover Licensee fee and RLDC fees and charges, separately from the respondents in terms of Regulation 94 (3) and (4) Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024.

7) Allow the petitioner to bill and adjust impact on Interest on Loan due to change in Interest rate on account of floating rate of interest applicable during 2024-29 period, if any, from the beneficiaries.

8) Allow the petitioner to file a separate petition before Hon'ble Commission for claiming the overall security expenses and consequential IOWC on that security expenses as mentioned at Para 26 above.

9) Allow the petitioner to claim the overall insurance expenses and consequential IOWC on that insurance expenses separately as mentioned at Para 26 above.

10) Allow the petitioner to file a separate petition before Hon'ble Commission for claiming the overall capital spares at the end of tariff block as per actual as mentioned at Para 26 above.

11) Allow the Petitioner to bill and recover GST on Transmission Charges separately from the respondents, if GST on transmission is levied at any rate in future. Further, any taxes including GST and duties including cess etc. imposed by any statutory/Govt./municipal authorities shall be allowed to be recovered from the beneficiaries and

12) Pass such other relief as Hon'ble Commission deems fit and appropriate under the circumstances of the case and in the interest of justice.

FILED BY

POWER GRID CORPORATION OF INDIA LTD.

GURGAON

DATED: 17/06/2025

REPRESENTED BY

Naresh Kumar Angaru

Dy. General Manager (COMMERCIAL)

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION,

NEW DELHI

PETITION NO.: .../TT/2025

IN THE MATTER OF: Petition for determination of transmission tariff for 2024-29 tariff block for asset under **"Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B"** in Western Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

Power Grid Corporation of India Ltd
Registered office: B-9, Qutab Institutional Area, **---PETITIONER**
Katwaria Sarai, New Delhi. 110 016.
Corporate Centre: 'SAUDAMINI', Plot No-2,
Sector-29, Gurgaon-122 001 (Haryana).
Vs
Madhya Pradesh Power Management Company Ltd. **---RESPONDENTS**
Shakti Bhawan, Rampur
Jabalpur - 482 008
Represented by Its MD
and Others

AFFIDAVIT VERIFYING THE PETITION

I, Naresh Kumar Angaru, S/O Late Shri Angaru Yanadi, working as Dy. General Manager (Commercial) in the Power Grid Corporation of India Ltd., having its registered Office at B-9, Institutional Area, Katwaria Sarai, New Delhi-110 016, do hereby solemnly affirm and state as under: -

1. That the deponent is the Dy. General Manager of Petitioner and is well conversant with the facts and the circumstances of the case and therefore competent to swear this affidavit.

NOTARY Mahender S. Punia GURUGRAM Regn. No. 3999 GOVT. OF INDIA

POWER GRID CORPORATION OF INDIA LTD.

2. That the accompanying Petition under Section 62 of the Electricity Act, 2003, has been filed by my authorised representative/nominated counsel under my instruction and the contents of the same are true and correct to the best of my knowledge and belief.

3. That the contents of Para 01 to 31 of the facts as mentioned in the Petition are true and correct based on my personal knowledge, belief and records maintained in the office and the contents of Para 01 to 31 of the Petition are believed to be true on the basis of the legal advice received.

4. That the annexures annexed to the Petition are correct and true copies of the respective originals.

5. That the Deponent has not filed any other Petition or Appeal before any other forum or court of law with respect to the subject matter of the dispute

(DEPONENT)

VERIFICATION

Solemnly affirmed at Gurugram on this 17th day of June 2025 that the contents of the above affidavit are true to my knowledge and belief and no part of it is false and nothing material has been concealed there from.

(DEPONENT)

NOTARY Mahender S. Punia GURUGRAM Regn. No. 3999 GOVT. OF INDIA

ATTESTED 17/06/2025 MAHENDER S. PUNIA ADVOCATE & NOTARY Distt. Gurugram (Haryana) India

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

Ref: CC/Commercial/2024

Date: 28.08.2024

LETTER OF AUTHORIZATION

In reference to the POWER OF ATTORNEY dated 14.08.2024 and in supersession of letter of authorization dated 13.12.2022 I hereby authorize following executives to sign Petitions, Appeals, Vakalatnama, Affidavits, etc. and to represent POWERGRID before various forums/ courts / tribunals i.e Central Electricity Regulatory Commission, State Electricity Regulatory Commission, Appellate Tribunal for Electricity, High courts and Supreme Court etc. :

1. Sh. Mohd. Mohsin, Chief General Manager
2. Sh. V. C. Sekhar, Senior General Manager
3. Sh. Zafrul Hasan, General Manager

Further, following executives are authorised to represent cases before Central Electricity Regulatory Commission and Appellate Tribunal for Electricity

1. Sh. Angaru Naresh Kumar, Deputy General Manager
2. Smt. Suchitra Gautam, Deputy General Manager
3. Sh. Vishal Sagar, Deputy General Manager
4. Sh. G. Vijay, Deputy General Manager
5. Sh. Vivek Kumar Singh, Deputy General Manager
6. Sh. Amit Kumar Chachan, Deputy General Manager
7. Smt. Supriya Singh, Chief Manager (Law)
8. Sh. Arjun Malhotra, Manager (Law)
9. Smt. Tanushree Rao, Deputy Manager (Law)

28/08/2024

Dilip Nagesh Rozekar
Executive Director (Commercial & RC)

दिलीप रोज़ेकर / DILIP ROZEKAR
Executive Director (Commercial & Regulatory Cell)
पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
Power Grid Corporation of India Ltd.
(भारत सरकार का उद्यम)/(A Govt. of India Enterprise)
Plot No.-2, Sector-29, Gurgaon- 122 001 (Haryana)

POWER GRID CORPORATION OF INDIA LTD.

सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड
CENTRAL TRANSMISSION UTILITY OF INDIA LIMITED
(Wholly Owned Subsidiary of Power Grid Corporation of India Limited)
(A Government of India Enterprise)

Ref: CTU/W/07/1st WR Joint Study

12th Nov, 2021

As per Distribution List

Sub: 1st Joint study meeting on Transmission Planning for Western Region held on 05.11.2021 – Minutes of Meeting

Sir,

Please find enclosed the minutes of the 1st Joint study meeting on Transmission Planning for Western Region held on 05.11.2021 to discuss transmission network augmentation w.r.t. Gujarat through video conferencing.

The minutes are also available at our website (*www.powergrid.in >> CTU Open Access*).

Thanking you,

Yours faithfully,

(Partha Sarathi Das)
Sr. General Manager

Encl: Minutes of Meeting

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Registered Office: Plot No.2, Sector-29, Gurugram, Haryana-122 001 CIN U40100HR2020GOI091857, Tel.: 0124-2571700-719
पंजीकृत कार्यालय:" , प्लॉट नंबर 2, सेक्टर -29, गुरुग्राम -122001 CIN U40100HR2020GOI091857, दूरभाष: 0124-2571700-719

Minutes of 1st Joint study meeting on Transmission Planning for Western Region held on 05.11.2021 over VC amongst CEA, CTU, POSOCO and GETCO to discuss transmission network augmentation w.r.t. Gujarat

The 1st Joint Study Meeting on Transmission Planning for Western Region was held on 05.11.2021 over Video conferencing amongst CEA, CTU, POSOCO and GETCO to discuss transmission network augmentation w.r.t. Gujarat. List of participants is enclosed at **Annexure-I**. Sr. GM, CTUIL welcomed all the participants. Thereafter, deliberations as per the agenda commenced and the gist of deliberations are as given below.

I. Brief Background

GETCO vide letter dated 26.10.2021 has highlighted certain issues being faced in Gujarat which require ISTS system strengthening to increase ATC (copy of letter attached at **Annexure-II**) such as constraints observed on Vadodara 765/400kV ICTs, Kala – Kudus 400kV D/c line and Banaskantha – Veloda (Sankhari) 400kV D/c line. Further, as decided in 61st meeting of WR constituents for Connectivity & LTA Applications on 27.07.2021, adequacy of transmission system in vicinity of Navsari (incl. 2x315MVA+1x500MVA, 400/220kV ICTs) due to drawl of power by Hindustan Zinc Limited (HZL) also needs to be assessed.

The issues were preliminary discussed in a meeting held on 13.09.2021 amongst CEA, CTU, POSOCO, GETCO & MSETCL post which GETCO has shared revised study file with their proposals vide e-mail dated 18.09.2021.

In order to finalize the above issues, the following points were taken up for discussions in the subject meeting:

1. Critical loading observed on 765/400 kV, 2x1500 MVA ICTs at 765 kV Vadodara substation under low local generation in Gujarat
2. Review of comprehensive System Strengthening in Gujarat associated with integration of RE projects from Khavda potential RE zone. The System strengthening scheme needs to be assessed in both High RE as well as evening peak scenarios in order to provide maximum benefit for state of Gujarat in terms of RE evacuation as well as ATC enhancement.
3. Assessment of adequacy of transmission system in vicinity of Navsari (incl. 2x315MVA+1x500MVA, 400/220kV ICTs) due to drawl of 150MW power by Hindustan Zinc Limited (HZL)

II. Deliberations and decisions taken in the meeting

A) <u>Transmission Network Expansion in Gujarat</u>

CTU briefed the participants regarding the issues in Gujarat which need to be finalized in the subject meeting and proposed to discuss the item nos. 1 and 2 above in a

comprehensive manner taking into consideration inputs from GETCO and POSOCO regarding operational issues being faced in Gujarat.

GETCO stated that Gujarat is facing constraints in drawl of power from the ISTS under the current circumstances when availability of state generation is impacted on account of issues of coal availability / quality, non-operational gas-based generations as well as imported coal based generations not operating to full capacity. The limiting constraints are observed to be 765/400kV 2x1500MVA Vadodara ICTs, Kala – Kudus 400kV D/c line and Banaskantha – Sankhari 400kV D/c line. Hence, system strengthening scheme in Gujarat needs to be evolved in such a manner that it is able to cater to RE evacuation from Khavda area as well as to enhance Gujarat system ATC for drawl of power from ISTS under peak load scenario (low RE). It was further informed that the ISTS drawl requirement (in terms of ATC) is as given below:

Year	Anticipated Gujarat Peak Demand (MW)	State & Pvt Generation (MW)	ATC Requirement (MW)
2021	18000	7000-8000	10000
2022	20000	7000-8000	12000
2023	21500	7000-8000	13500

The generation dispatches & ATC requirement as received from GETCO are enclosed at **Annexure-IV**.

The requirements of GETCO were discussed and after further deliberations, the following load generation scenario was agreed to be studied in evening peak load case for two time-frames i.e. 2023-24 and 2024-25 in order to simulate long term power drawl requirements of Gujarat:

Year	Anticipated Gujarat Peak Demand (MW)	State & Pvt Generation (MW)	ATC Requirement (MW)
2023-24	23900	8650	15250
2024-25	25000	8650	16350

POSOCO stated that the system should be developed taking into consideration flexibility requirement of GETCO as there are many uncertainties to be addressed such as merit order dispatch, low gas availability, generation outages (e.g. Ukai), fuel uncertainties, etc.

CTU presented the schemes already agreed for evacuation of power from Khavda REZ (8GW) as well as the originally planned scheme for System Strengthening in Gujarat associated with integration of RE projects from Khavda potential RE zone (**Annexure-III**), which was to be reviewed. CTU further stated that after deliberations in the last meeting held on 13.09.2021 on above issues, the following suggestions for strengthening schemes in South Gujarat area were received from GETCO. The suggestions were deliberated in detail and gist of deliberations is also indicated along-side:

Sl.	GETCO Proposal(s)	Deliberations / Outcomes based on studies
1	Establishment of 400/220 KV, 2x500MVA Saykha substation (GETCO) near Dahej area through following interconnections: • LILO of 400 KV S/C Pachchham – Kosamba & 400 KV S/C Chharodi (Sanand) – Kosamba lines at Saykha substation • LILO of 220 KV S/C Haldarwa – Dahej & 220 KV S/C Wagra – Dahej lines at Saykha substation	The scheme was agreed under Intra-state to feed load in Dahej area
2	The planned 765/400/220 KV Kosamba ISTS substation may be located between Navsari & Chikhli substations of GETCO (within 20km. of each of the two substations) with following 220kV & 400kV interconnections: **220kV Interconnections** • LILO of both circuits of 220 KV D/C Navsari – Chikhli line at ISTS substation • LILO of both circuits of 220 KV D/C Navsari – Nasik line at ISTS substation **400kV Interconnections** • 400 KV D/C Kosamba – Magarwada line (alternatively LILO of both circuits of 400 KV D/C Navsari(PG) – Magarwada lines at Kosamba (ISTS) substation) • 400 KV D/C Kosamba – Kala line • 400 KV D/C Kosamba – Vapi-II line 765kV interconnection of Kosamba S/s with Ahmedabad & Padghe is proposed to remain unchanged.	The proposal of GETCO to locate the planned Kosamba 765/400/220kV S/s between Navsari & Chikhli substations of GETCO (within 20km. of each of the two substations) was accepted and it was agreed to name the substation as Navsari(New) (South Gujarat) 765/400/220kV S/s. After load flow studies, the following 220kV & 400kV interconnections were agreed from the Navsari(New) (South Gujarat) (South Gujarat) 765/400/220kV S/s: **220kV Interconnections (Under Intra-state)** • LILO of both circuits of 220 KV D/C Navsari – Chikhli line at Navsari(New) (South Gujarat) substation • LILO of both circuits of 220 KV D/C Navsari – Nasik line at Navsari(New) (South Gujarat) substation **400kV Interconnections (Under ISTS)** • Navsari(New) (South Gujarat) – Magarwada 400 KV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)* • Navsari(New) (South Gujarat) – Kala 400 KV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) 765kV interconnection of Navsari(New) (South Gujarat) S/s with Ahmedabad & Padghe shall remain unchanged.

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Sl.	GETCO Proposal(s)	Deliberations / Outcomes based on studies
3	400/220 KV, 2 x 500 MVA transformers at Kakrapar substation	Power flow was observed to remain less than 100MW per ICT in both evening peak and high RE (Afternoon) scenarios. Hence, it was opined that for reliability purposes, 1x500MVA, 400/220kV ICT may be considered. Regarding space, it was informed that a group comprising of officers from WRPC, WRLDC, GETCO, NPCIL and PGCIL visited KAPS 3&4 on 14.11.2018 to ascertain the space for 2x500MVA ICTs. Although the group had suggested that space is available for ICT installation with or without modification of 220kV switchyard, NPCIL did not agree to the same and had stated that the same is infeasible. In view of the above, it was decided that any decision on installation of additional 400/220kV ICT at NPCIL Kakrapar switchyard may only be taken in consultation with NPCIL.
4	220 KV D/C Navsari (PG) – Sachin (Talangpore) line (by using LILO portion of 220 KV Vav – Sachin & 220 KV Navsari – Sachin lines (220 KV Vav – Navsari line may be made through)	Due to non-availability of space at Navsari(PG), it was decided that GETCO may review the proposal.
5	LILO of both circuits of 220 KV D/C Kakrapar – Vapi line (ISTS line) at 400/220 KV Vapi-II substation. Already approved LILO of 220 KV Chikhli – Vapi line at Vapi-II under Intra-State scheme will be reviewed by GETCO	GETCO had originally planned the following 220kV outlets from Vapi-II (GIS) S/s for which 4 nos. 220kV bays are already under implementation under ISTS as part of the S/s: • Vapi-II – Atul 220kV D/c line • LILO of 220 KV Chikhli – Vapi 220kV S/c line at Vapi-II The revised proposal of GETCO was studied and it was observed that only LILO of both circuits of 220 KV D/C Kakrapar – Vapi line (ISTS line) at 400/220 KV Vapi-II substation leads to N-1 non compliance on Vapi-II – Vapi 220kV D/c line. Further, even after considering already approved LILO of 220 KV Chikhli – Vapi line at Vapi-II, Vapi-II – Vapi 220kV T/c line remains critically loaded (N-1 flow of 2x250MW under high RE scenario).

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Sl.	GETCO Proposal(s)	Deliberations / Outcomes based on studies
		In view of the above, it was agreed that GETCO may implement both LILO lines under Intra-state: • LILO of both circuits of 220 KV D/C Kakrapar – Vapi line (ISTS line) at 400/220 KV Vapi-II substation. • Already approved LILO of 220 KV Chikhli – Vapi line at Vapi-II Vapi – Vapi-II 220kV T/c line may need to be re-conductored in future based on high loadings in High RE scenario. The LILO portion interconnecting Vapi to Vapi-II for both the above LILO lines shall be constructed with conductor with minimum capacity of 400 MVA/Ckt at nominal voltage so that in future only the balance 220kV line section (excluding LILO portion) may have to be reconductored based on requirement.

Note: An alternative proposal of Navsari(New) (South Gujarat) – Navsari 400kV D/c line along with bypassing of KAPS 3&4 – Navsari & Magarwada – Navsari 400kV D/c lines at Navsari so as to form KAPS3&4 – Magarwada 400kV D/c line was also studied. However, the alternative suffered from following disadvantages:

- High Fault level at Navsari (~38.2kA) after implementation of Ahmedabad – Navsari(New) (South Gujarat) 765kV D/c line as compared to proposal of Navsari(New) (South Gujarat) – Magarwada 400 KV D/C line (~36.5kA)
- Lesser reliability in terms of no. of lines emanating from Navsari(PG) S/s as well as Magarwada(PG) S/s
- 2 nos. 400kV line bays at Navsari(PG) S/s getting unutilized as well as requirement of line reactor on KAPS3&4 – Magarwada 400kV D/c line due to increased line length

Representative of GETCO agreed with the above proposals and stated that in order to mitigate operational constraints being observed on Vadodara 765/400kV ICTs and Kala – Kudus 400kV D/c line, the "System Strengthening in Gujarat associated with integration of RE projects from Khavda potential RE zone" scheme which is already planned (refer **Annexure-III**) needs to be expedited before 2024-25.

CEA suggested that the transmission system strengthening at **Annexure-III** with modifications as proposed by GETCO above may not all be linked with Khavda REZ (5GW) system under Phase-A (Ph-II). The strengthening requirement should be phased out based on requirements of GETCO.

Considering the above suggestions of various stakeholders as well as revised studies carried out during the meeting in evening peak as well as high RE scenarios, the following was decided:

1) The following Transmission Network expansion schemes in Gujarat under ISTS systems (with their tentative time-frame) were agreed:
   - To meet the ATC requirement of ~16000MW of Gujarat in 2024-25 time-frame: Transmission Network Expansion scheme in Gujarat (Parts-A, B & C below)
   - To cater to system strengthening requirements associated with integration of RE projects from Khavda potential RE zone

a) Transmission Network Expansion in Gujarat to increase its ATC from ISTS

i. Part A

- Augmentation of transformation capacity at Vadodara 765/400/220kV S/s by 1x1500MVA, 765/400kV ICT (3rd) along with associated 765kV ICT bay*
  **Out of the 2 nos. 400kV line bays already constructed by POWERGRID for DGEN – Vadodara line, 1no. line bay to be utilized for 765/400kV ICT (3rd) at Vadodara*

Implementation Time-frame: *Apr'22 (as decided in meeting taken by Secretary (Power), MoP on 02.11.2021 regarding resource adequacy plan)*

ii. Part B

- Establishment of 2x1500 MVA, 765/400 kV & 3x500 MVA, 400/220 kV Navsari(New) (South Gujarat) S/s (GIS) with 2x330 MVAr 765 kV and 1x125 MVAr 400 kV Bus reactor. [with 110MVAr 765kV single phase reactor units (spare units for bus/line reactor) and 1x500 MVA, 765/400 kV single phase spare transformer].
- Navsari(New) (South Gujarat) (GIS) - Kala (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) (~110 km length) with 63MVAr switchable line reactor on each ckt at Kala (GIS) end
- Navsari(New) (South Gujarat) (GIS) – Magarwada (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) (~80 km length)
- Navsari(New) (South Gujarat) (GIS) – Padghe (GIS) 765 kV D/c line (~200 km length) with 330 MVAr, 765 kV Switchable line reactor on each ckt at Navsari(New) (South Gujarat) end.
- Augmentation of transformation capacity at Padghe (GIS) 765/400 kV substation by 1x1500 MVA ICT.

Implementation Time-frame: *Jun'23*

Note:

i. Navsari(New) (South Gujarat) S/s shall be establishment as GIS substation to reduce the land requirement as there may be issues in getting contiguous land in this area which is industrial in nature as well as densely populated.

ii. As Kala and Magarwada are located close to each other, majority of common stretch of Kosamba – Kala and Kosamba – Magarwada 400 kV

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D/c line may be constructed using Multi-circuit towers in order to save RoW.

iii. GETCO shall implement the following downstream system in matching time-frame of Navsari(New) (South Gujarat) S/s:

220kV Interconnections (Navsari(New) (South Gujarat) S/s) [Under Intra-state]

- LILO of both circuits of 220 KV D/C Navsari – Chikhli line at Navsari(New) (South Gujarat) (GIS) substation along with associated line bays at both ends
- LILO of both circuits of 220 KV D/C Navsari – Nasik line at Navsari(New) (South Gujarat) (GIS) substation along with associated line bays at both ends

iii. Part C

- Augmentation of transformation capacity at Banaskantha 765/400 kV S/s by 1x1500 MVA ICT.
- Banaskantha – Sankhari 400 kV 2nd D/c line (~26 km length)

Implementation Time-frame: *Matching with establishment of Prantij 400/220 kV and Sankhari- Prantij 400 kV D/C line by GETCO (presently expected by Mar'25).*

b) Transmission Network Expansion in Gujarat associated with integration of RE projects from Khavda potential RE zone

- Banaskantha – Ahmedabad 765 kV D/c line (~200 km length) with 330MVAr, 765 kV Switchable line reactor on each ckt at Ahmedabad S/s end.
- Augmentation of transformation capacity at Navsari(New) (South Gujarat) 765/400 kV S/s by 1x1500 MVA ICT.

Implementation Time-frame: *Matching with Khavda Phase-A (Ph-II) (5GW) scheme. NCT has recommended a time-line of 24 months from SPV Transfer for Khavda Phase-A (Ph-II) (5GW) scheme.*

2) In addition to the above schemes, the following Intra-state schemes were also agreed:

i. Establishment of 400/220 KV, 2x500MVA Saykha substation (GETCO) near Dahej area through following 220kV interconnections:
   - LILO of 400 KV S/C Pachchham – Kosamba & 400 KV S/C Chharodi (Sanand) – Kosamba lines at Saykha substation
   - LILO of 220 KV S/C Haldarwa – Dahej & 220 KV S/C Wagra – Dahej lines at Saykha substation

Implementation Time-frame: *Mar'25*

ii. Revised downstream lines at Vapi-II S/s:
   - LILO of both circuits of 220 KV D/C Kakrapar – Vapi line (ISTS line) at 400/220 KV Vapi-II substation (4 nos. 220kV line bays already under

Annexure-X

No.15/3/2017-Trans
Government of India
Ministry of Power
Shram Shakti Bhawan, Rafi Marg, New Delhi

Dated, the 15th November, 2021

To,

Secretary
Central Electricity Regulatory Commission
3rd& 4th Floor, Chanderlok Building
36, Janpath, New Delhi - 110001

Subject:- Framing of General Network Access (GNA) Regulations and modifications in relevant regulations to facilitate development of Renewable Energy power sources - regarding.

Sir

Ministry of Power has taken a number of proactive steps for promoting renewable energy sources as envisaged in the objectives of Electricity Act, 2003. In order to achieve the commitment made in terms of Nationally Determined Contributions (NDCs), as one of the significant steps, India has pledged before the global community a strong commitment to increase India's non fossil fuel energy capacity to 500 GW by 2030. On 15 August, 2021, our country has achieved a major milestone of 100 GW RE capacity, which is a reflection of our indomitable will and desire to traverse the path of climate change mitigation. However, still there is a long way to go in order that we achieve non fossil fuel capacity of 500 GW by 2030.

2. In order that we reach the enviable milestone of 500 GW by 2030, it is imperative that the relevant Rules, Regulation, Policies and guidelines are further fine-tuned to facilitate development of RE. The Ministry has undertaken a number of reform measures in this direction. The notification of Electricity (Transmission System Planning, Development and Recovery of Inter-State Transmission Charges) Rules, 2021 and Guidelines for Encouraging Competition in Development of Transmission Projects, Tariff Based Competitive-Bidding (TBCB) Guidelines and revised Standard Bidding Documents for TBCB projects by the M/o Power are major steps in this regard.

3. For enabling growth of Renewable Energy (RE) capacity, areas which have high solar/wind energy potential, as identified by Ministry of New and Renewable Energy (MNRE), need to be connected to Inter State Transmission System (ISTS), so that Renewable Energy (RE) capacity can come up there and the target of having 500 GW non fossil fuel capacity by 2030 can be achieved. This is a national mission as a part of the country's energy transition goal.

4. The process of ISTS planning, and approval, particularly in reference to RE development was examined in the Ministry and it has been decided to do away with dual consultations with Regional Power Committee (RPC) and Regional Power Committee (Transmission Planning) [RPC(TP)], revising terms of reference of National Commission on Transmission (NCT), delegating power of approval of ISTS and on the whole further streamlining the process of ISTS planning and approval.

5. The Electricity (Transmission System Planning, Development and Recovery of Inter-State Transmission Charges) Rules, 2021 [hereinafter referred as Transmission System Planning

POWERGRID CORPORATION OF INDIA LTD.
15/11/2021

Rules 2021] has come into force since 1st October, 2021, the date of its publication. The above Rules introduce General Network Access (GNA) to the Inter State Transmission System (ISTS) and CERC is mandated to bring a detailed Regulations on General Network Access (GNA). Further, in consonance with the policy objective of the Ministry of fast-tracking ISTS planning and approval process to facilitate RE development, some of the related regulations need either rescission or suitable amendment.

6. Therefore, in order to facilitate development of RE power sources, it is imperative to keep the following aspects in view:-

A. In the proposed GNA Regulations

i. GNA to be given on demand or within reasonable time limit, if grid extension or strengthening is required.

ii. In case of delay either by generation or by Transmission Service Provider (TSP), equitable damages to be paid through Central Transmission Utility (CTU).

iii. Whenever, any extension in the commissioning of RE Generators is given with approval of MNRE, Government of India, RE Generator shall not be liable to pay any charge for such extension, except for payment of only one time GNA fee. Transmission charges for such extension period shall be socialised.

iv. In case of delay by TSP, no additional charges be levied on Generator for any interim transmission arrangement.

v. GNA shall be transferable from one entity to another on nominal charges basis to ensure that GNA granted to any Generator, which is likely to be delayed due to lack of signing of PPA or other reasons, could be utilised by another generator.

vi. Any RE developer, seeking connectivity/GNA to ISTS through land assembly route, but without having possession of land, may be allowed on the basis of submission of bank guarantee equivalent to twice of that for the bidding route and condition of acquiring land within 6 months. If the RE developer is unable to procure the land within 6 months, then the application may be revoked and bank guarantee encashed.

vii. New ISTS approved by CTU (ISTS costing upto Rs 100 cr or such limit as specified by MoP), The National Committee on Transmission (more than Rs. 100 cr and upto Rs. 500 cr, or such limit specified by MoP) and Ministry of Power (more than Rs 500 cr) as per MoP order dated 28.10.2021 on reconstitution of NCT or subsequent amendment, if any, shall be taken up for bidding by Bid Process Coordinators (TBCB projects) or for tendering by project implementing agency (RTM projects). Projects shall be awarded after signing of Power Sale Agreement by SECI or any other REIA notified by MNRE.

B. Further keeping the above imperatives in view, the following changes are required in various CERC Regulations:

i. After approval of an ISTS by the Ministry of Power with due consideration to view of RPCs obtained during planning process by CTU and CEA, there will be no further requirement of regulatory approval. This necessitates rescission of CERC Regulatory Approval Regulations 2010 and consequential changes in Planning Regulations, 2018 and other relevant regulations.

ii. A suitable provision needs to be made in CERC Connectivity Regulations 2009 and proposed GNA regulation for transfer of connectivity from one RE generator to another on the recommendations of SECI/REIA on nominal charges without encashment of bank guarantee.

iii. Presently there is no flexibility in operationalisation of LTA. In GNA Regulation, a suitable provision should be made so that GNA (through particular transmission system) granted to one RE generator, in case it is delayed and till it is commissioned

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15/11/2021

can be used by another RE generator for evacuation of its power on the recommendations of SECI/REIA.

7. This issues with the approval of the competent authority.

Yours faithfully,

15/11/2021

(Bihari Lal)
Under Secretary to the Govt. of India

Copy for information to:-

1. Secretary M/o New and Renewable Energy, CGO Complex, New Delhi.
2. Chairman, Central Electricity Authority, New Delhi
3. CMD, Power Grid Corporation of India Ltd, Gurgaon
4. Chief Operating Officer, Central Transmission Utility of India Ltd, Gurgaon

POWER GRID CORPORATION OF INDIA LTD.

Encl - 3

File No.CEA-PS-11-15(11)/1/2020-PSPA-I Division-Part(1)

126

A019

I/19355/2021

Annexure-I

सत्यमेव जयते
भारत सरकार

Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत प्रणाली योजना एवं मूल्यांकन - I प्रभाग
Power System Planning & Appraisal - I Division

सेवा में / To

-As per enclosed list-

विषय: "ट्रांसमिशन पर राष्ट्रीय समिति" (एनसीटी) की 7th बैठक के कार्यवृत्त।

Subject: Minutes of the 7th meeting of "National Committee on Transmission (NCT)"

महोदया / महोदय / Sir / Madam,

The 7th meeting of the "National Committee on Transmission" (NCT) was held on 03/12/2021 under the chairmanship of Chairperson, CEA & Chairman, NCT, through Video Conferencing (Microsoft Teams). The minutes for the meeting is enclosed herewith.

भवदीय,

रवीन्द्र गुप्ता 17/12/21

(रविन्द्र गुप्ता/ Ravinder Gupta)
मुख्य अभियन्ता /Chief Engineer & Member Secretary (NCT)

Copy to:

(i) Joint Secretary (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi-110001.

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

development to MoP. Thereafter, MoP shall share the same with CEA and CTU for planning of Transmission system for such RE potential projects.

- SECI or any other REIA nominated by MNRE shall give period of commissioning in Power Purchase Agreement after consulting CTU & CEA.
- SECI or any other REIA shall take steps for optimal utilization of transmission capacity by conducting bids for RE capacity development along with storage capacity from at least 4-5 RE national project sites with more capacity.

Members deliberated on the various orders/directions given by MoP and observed that planning, approval and bidding process of the RE linked ISTS schemes would be initiated in advance based on inputs i.e. likely quantum of associated RE bids, their implementation schedule etc. furnished by MNRE, without linking them with LTA requirement. However, the award of the transmission schemes would be done only after SECI or any other REIA notified by MNRE awards first bid of RE project. Therefore, before approval of any transmission scheme by CTU/NCT/MoP, the likely quantum of associated RE bids along with their implementation schedule needs to be confirmed/intimated by MNRE after consultation with SECI/REIA so as to firm up various elements of the pooling sub-station/s. MNRE would be the nodal agency to furnish the information pertaining to RE zones for planning purposes, the status of award of RE projects, their schedule of development and need to develop the ISTS system in phases, etc.

Member (E & C) enquired about the expenses to be incurred for allocation/notification of the ISTS scheme costing between Rs 100 to 500 Crore, to be done by NCT. He stated that since the publication of Gazette Notification for the schemes costing more than Rs. 100 Crs and less than Rs. 500 Crs approved by NCT would be carried out by CEA, so CEA need to seek necessary budget allocation from MoP under this head.

Agenda Items:

A. New Transmission schemes submitted by CTUIL for consideration of 7th NCT

1.1. CTU vide its letter dated 16th November' 2021 has submitted the following ISTS proposals (details at **Annexure-II**) for information/recommendation/approval of NCT :

(i) Transmission Network Expansion in Gujarat to increase its ATC from ISTS : Part A, with estimated cost of Rs 70 crores, for information of NCT

(ii) Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B, with estimated cost of Rs 1983 crores, for recommendation of NCT.

(iii) Transmission Network Expansion in Gujarat to increase its ATC from ISTS : Part C, with estimated cost of Rs 148 crores, for approval of NCT

(iv) Transmission Network Expansion in Gujarat associated with integration of RE projects from Khavda potential RE zone, with estimated cost of Rs 1047 crores, for recommendation of NCT

The above ISTS schemes are basically four parts of the transmission scheme "**System Strengthening in Gujarat associated with the integration of RE projects from Khavda potential REZ**" that has already been deliberated in the 5th NCT meeting held on 25.08.2021 & 02.09.2021. The scheme, inter-alia, included establishment of Kosamba 765/400/220 kV substation and GETCO had suggested shifting of the location of the substation from Kosamba to South Gujarat. Accordingly, NCT had deferred the scheme and had suggested that scheme may be reviewed for optimization of the proposed transmission system for evacuation of power from Khavda RE park.

1.2. Subsequently, in a meeting taken by Secretary (Power), Govt. of India on 02.11.2021 (MoM attached as **Annexure -III**) regarding Resource Advocacy Plan for the state of Gujarat, the following was agreed as part of short term and long term measures to increase the ATC from ISTS for the state of Gujarat :

- Expeditious implementation of 3rd 765/400kV ICT at Vadodara S/s with approval of CTU with SCoD of April'22
- Expeditious implementation of 765/400 kV Ahmedabad sub-station and 765/400/220 kV Kosamba sub-station in South Gujarat area, planned as a part of Khavda RE Park. Since these sub-stations are at planning stage, NCT must meet in November, 2021 to consider these sub-stations. The work may be given in Regulated Tariff Mechanism to POWERGRID and compressed time schedule, latest by 15th December, 2021.

1.3. In this regard, a Joint Study Meeting was held on 05.11.2021 amongst CEA, CTU, POSOCO & GETCO to deliberate over the already planned scheme based on updated inputs received from GETCO. In the meeting, it was decided to phase the schemes already deliberated in the 5th meeting of NCT with minor modifications based on ATC requirement of GETCO as well as system strengthening requirements associated with the integration of RE projects from Khavda potential RE zone. Based on the deliberations, CTU has submitted the proposal for consideration of NCT as given below.

S.No.	Transmission scheme	Broad Scope
1.	Transmission Network Expansion in Gujarat to increase its ATC from ISTS : Part A	i) Augmentation of transformation capacity at Vadodara 765/400/220 kV S/s by 1x1500 MVA, 765/400 kV ICT (3rd)
2.	Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B	i) Establishment of 765/400/220 kV Navsari (new) (South Gujarat) S/s (GIS) ii) Navsari (new) (South Gujarat) (GIS)- Kala (GIS) 400 kV D/c line with 63MVAr switchable line reactor on each ckt at Kala (GIS) end iii) Navsari(New) (South Gujarat) (GIS) – Magarwada (GIS) 400 kV D/c line

		iv)Navsari(New) (South Gujarat) (GIS) – Padghe (GIS) 765 kV D/c line with 330 MVAr, 765 kV Switchable line reactor on each ckt at Navsari(New) (South Gujarat) end. v) Augmentation of transformation capacity at Padghe (GIS) 765/400 kV substation by 1x1500 MVA ICT
3.	Transmission Network Expansion in Gujarat to increase its ATC from ISTS : Part C	i) Augmentation of transformation capacity at 765/400 kV ICT Banaskantha S/S by 1x1500 MVA, ii) Establishment of Banaskantha -Sankhari 400 kV 2nd D/c line.
4.	Transmission Network Expansion in Gujarat associated with integration of RE projects from Khavda potential RE zone	i) Establishment of Banaskantha - Ahmendabad 765 kV D/c line ii) Augmentation of transformation capacity at Navsari (New) (South Gujarat) 765/400 kV S/s by 1x1500 MVA ICT.

1.4. Due to space constraint for installation of line reactors at Kala 400/220 kV substation , CTU suggested installation of the 63MVAr switchable line reactors associated with Navsari (New) (South Gujarat) (GIS) - Kala (GIS) 400 kV D/c line at Navsari (New) end instead of at Kala (GIS) end. Also, for termination of Navsari(New) (South Gujarat) (GIS) – Padghe (GIS) 765 kV D/c line at Padghe (GIS) S/stn, two no. of equipped GIS bays are already available. Accordingly, the requirement of GIS bays at Padghe may not be included in the detailed scope of works.

1.5. NCT noted the scheme "Transmission Network Expansion in Gujarat to increase its ATC from ISTS- Part A", approved by CTUIL with the compressed implementation time-frame of April'22 under RTM to POWERGRID.

1.6. Establishment of 765/400/220 kV sub-station in South Gujarat area under RTM has already been decided by MoP in its meeting dated 02.11.2021. CTU in its proposal has included the same (establishment of Navsari(new) (South Gujarat) 765/400/220 kV substation) under the transmission scheme" Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B" along with 400 kV and 765 KV interconnection lines.

1.7. The scheme 'Transmission Network Expansion in Gujarat to increase its ATC from ISTS-Part C'. This includes

i) Augmentation of transformation capacity at 765/400 kV ICT Banaskantha S/S by 1x1500 MVA,
ii) Establishment of Banaskantha -Sankhari 400 kV 2nd D/c line.

NCT observed that both the elements cannot be implemented as single scheme through TBCB route as one of the element is upgradation /augmentation of an existing substation. The other element, Banaskantha-Sankhari 400 kV 2nd D/c line being a 26 km line, would be small scheme to be bid out for implementation through TBCB route. Accordingly, NCT approved the scheme to be implemented through RTM route, matching with establishment of Prantij 400/220 kV and Sankhari- Prantij 400 kV D/C line by GETCO (presently expected by Mar'25).

1.8. The scheme 'Transmission Network Expansion in Gujarat associated with integration of RE projects from Khavda potential RE zone' includes Establishment of Banaskantha-Ahmendabad 765 kV D/c line and Augmentation of transformation capacity at Navsari (New) (South Gujarat) 765/400 kV S/s by 1x1500 MVA ICT.

As Navsari (New) 765/400 kV substation has already been recommended by MoP for implementation through RTM route, NCT observed that 1x1500 MVA, 765/400 kV ICT augmentation could also be clubbed with establishment of Navsari(new) substation under RTM. The augmentation work would be implemented in matching time frame of Banaskantha - Ahmendabad 765 kV D/c line.

Transmission Network Expansion in Gujarat associated with integration of RE projects from Khavda potential RE zone includes only Banaskantha – Ahmedabad 765 kV D/C line (excluding the Augmentation of 1x1500 MVA ICT). The estimated cost of the scheme is Rs 953 Crore with implementation time-frame matching with Khavda Phase-A (Ph-II) (5GW) scheme. Earlier NCT has recommended its implementation with a time-line of 24 months from SPV transfer for Khavda Phase-A (Ph-II) (5GW) scheme. Since the cost of the scheme is greater than Rs 500 Crore, NCT recommended for implementation of the scheme through TBCB route.

1.9. POSOCO suggested that uniform guidelines needs to be framed for deciding what works could be identified as technical upgradation / augmentation works. In many of the schemes the associated line bays at existing substation has been included in the scope of the TBCB scheme. On similar grounds the ICT augmentation works can also be implemented through TBCB route.

CEA clarified that the associated bays of transmission line have generally been included as the part of transmission line to avoid any mismatch in their implementation schedule.

To have uniformity, it was agreed that CTU in consultation with CEA would frame guidelines for identifying works that could be considered as technical upgradation / augmentation works for implementation through RTM route.

1.10. The decisions taken by NCT in respect of the ISTS schemes submitted by CTUIL for information/approval/recommendation of NCT is tabulated below:

S. No.	Name of the scheme/est. cost	Decision of NCT	Purpose /Justification
1.	Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part A **Estimated Cost**: Rs 70 Crore **Implementation Time-frame:** Apr'22	NCT noted that the scheme being less than Rs 100 Cr has already been approved by CTUIL for implementation under RTM to the original asset owner (Powergrid) as decided in the meeting held at MoP on 2.11.2021	To increase Gujarat's ATC (Available Transfer Capability) from ISTS
2.	**Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B** **Estimated Cost**: Rs 2077 Crore **Implementation Time-frame:** July '22	Since the cost of the scheme is greater than Rs 500 Crore, NCT has to make recommendations to MoP. In the meeting taken by Secretary (Power), GoI on 02.11.2021 regarding Resource Adequacy Plan for the state of Gujarat, it was agreed to allot the works pertaining to implementation 765/400/220 kV sub-station in South Gujarat area through Regulated tariff mechanism to POWERGRID in compressed time schedule. Accordingly, NCT recommends implementation of the scheme through RTM route.	To increase Gujarat's ATC (Available Transfer Capability) from ISTS
3.	Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part C **Estimated Cost**: Rs 148 Crore ***Implementation Time-frame:*** *Matching with establishment of Prantij 400/220 kV and Sankhari-Prantij 400 kV D/C line by GETCO (presently expected by Mar'25).*	Since the cost of the scheme lies between Rs 100 to 500 Crore, NCT has to approve the scheme. Accordingly, NCT approved the scheme for implementation through RTM mode as it involves ICT augmentation at existing substation at Banaskantha and a 26 km 400 kV line. (Line works too small scheme to be implemented through TBCB route)	To increase Gujarat's ATC (Available Transfer Capability) from ISTS
4.	Transmission Network Expansion in Gujarat associated with integration of RE projects from	Since the cost of the scheme is greater than Rs 500 Crore, NCT has to make recommendations to MoP. Accordingly, NCT recommended for	Transmissio n network expansion

S. No.	Name of the scheme/est. cost	Decision of NCT	Purpose /Justification
	Khavda potential RE zone **Estimated Cost**: Rs 953 Crore ***Implementation Time-frame*** *Matching with Khavda Phase-A (Ph-II) (5GW) scheme. NCT has recommended a time-line of 24 months from SPV Transfer for Khavda Phase-A (Ph-II) (5GW) scheme.*	implementation of the scheme through TBCB route.	associated with integration of RE projects from Khavda potential RE zone

Detailed scope of the above scheme is enclosed as Annexure-IV.

B. Schemes already deliberated and recommended by NCT in its previous meetings

1.1. Transmission Scheme for Solar Energy Zone in Gadag (2500 MW), Karnataka –Part A

1.2. In the 4th meeting of NCT held on 20.01.2020 and 28.01.2020, the following phase-wise segregation for Transmission scheme for evacuation of RE power from Gadag SEZ to be implemented as two separate transmission schemes was agreed by NCT:

A. Transmission scheme for evacuation of 1000 MW from Gadag SEZ under Phase-I

Sr. No.	Scope of the Transmission Scheme	Capacity /km
1.	Establishment of 400/220 kV, 2x500 MVA Gadag Pooling Station with 400 kV (1x125 MVAR) bus reactor Future provisions: • Space for 400 kV Line bay with switchable line reactor: 8 nos. • 400/220kV ICT along with associated bay: 4 nos. 220kV • Bus sectionalizer bay: 2 nos. (One no. bay for each Main Bus) • Bus coupler bay: 2 nos. • Transfer Bus coupler bay: 2 nos.	400/220 kV, 500 MVA ICT – 2 400 kV ICT bays – 2 220 kV ICT bays – 2 400 kV line bays – 2 220 kV line bays – 4 125 MVAr, 420 kV reactor - 1 420 kV reactor bay – 1

Encl-4

सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड

(पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड के स्वामित्व में)

(भारत सरकार का उद्यम)

CENTRAL TRANSMISSION UTILITY OF INDIA LTD.

(A wholly owned subsidiary of Power Grid Corporation of India Limited)
(A Government of India Enterprise)

Ref: C/CTUIL/OM/04

Date:14.01.2022

Director (Projects)
Power Grid Corporation of India Limited
Saudamini, Plot No.2, Sector 29
Gurgaon (Haryana) – 122001

Sub: Implementation of ISTS Transmission Schemes approved by MoP to be taken up under Regulated Tariff Mechanism (RTM)

Dear Sir,

MoP vide OM dated 13.01.2022 has awarded following ISTS Transmission Schemes, which were recommended by the 7th meeting of National Committee on Transmission (NCT), to CTUIL for their implementation under RTM mode by POWERGRID as indicated in the table below:

Sl. No.	Elements	Agency
1.	Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B	PGCIL
2.	Transmission system for evacuation of RE power from renewable energy parks in Leh (5 GW Leh - Kaithal transmission corridor)	PGCIL*

** Implementation to be taken up after approval of the Central Government for providing Central Grant for part funding of the project.*

Copy of MoP OM in this regard is enclosed at **Annexure-I**. The Detailed scope of work along with implementation time-frame for each scheme is as per the MoP OM enclosed.

POWERGRID shall enter into concession agreement with CTUIL for implementation of the aforementioned Transmission Schemes. However, pending finalization of Concession Agreement, it is requested to initiate necessary activities for implementation of the aforementioned Transmission Schemes. For Scheme at Sl no (2), Implementation is to be taken up after approval of the Central Government for providing Central Grant for part funding of the project.

This is for your kind information and necessary action please.

Yours faithfully,

(P. C. Garg)
Chief Operating Officer

MoP- OM dt 13.01.22

CEA : June 23

No. 15/3/2018-Trans-Part(1)
Government of India
Ministry of Power
Shram Shakti Bhawan, Rafi Marg, New Delhi-110001
****

Dated 13th January, 2022

OFFICE MEMORANDUM

Subject: New transmission schemes to be taken up under Regulated Tariff Mechanism (RTM).

The undersigned is directed to say that the following transmission schemes, which were recommended by 7th meeting of the National Committee on Transmission (NCT), has been approved for implementation under the Regulated Tariff Mechanism (RTM) mode by agencies as indicated in the table below:

Sl. No.	Elements	Agency
1.	Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B	PGCIL
2.	Transmission system for evacuation of RE power from renewable energy parks in Leh (5 GW Leh - Kaithal transmission corridor)	PGCIL*

** Implementation to be taken up after approval of the Central Government for providing Central Grant for part funding of the project.*

70

2. Detailed scope of works for the above schemes, as recommended by the NCT is at **Annexure**.

3. These schemes are awarded to CTUIL for their implementation under RTM mode. The CTUIL is requested to take necessary action for entering into a concession agreement with agencies as mentioned in table at para 1 above, for implementation of these schemes.

4. This issues with the approval of Competent Authority.

Encl: as stated.

13/1/2022.
(Bihari Lal)
Bihari Lal (Trans)
Tele: 011-23325242

To
COO, CTUIL,
Gurugram.

Copy to:

1. Member (PS), CEA, New Delhi.
2. CMD, PGCIL, Gurugram.

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Annexure

1. **Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B**

Sl.No.	*Scope of the Transmission Scheme*	*Capacity /km*
1.	Establishment of 765/400/220 kV Navsari (new) (South Gujarat) S/s (GIS) Space provisions for Future Scope 765/400 kV ICT: 4 nos. 400/220 kV ICT: 4 nos. 765 kV line bays along with space for switchable line reactor: 8 nos. 400 kV line bays along with space for switchable line reactor: 6 nos. 220 kV line bays: 16 nos.	765/400 kV, 1500 MVA- 2 nos. (7 X 500 MVA inc 1 spare unit) 400/220 kV, 500 MVA- 3 nos. 765 kV ICT bays- 2 nos. 765 kV GIS line bays -2 (for Phadge line) 400 kV ICT bays- 5 nos. 400 kV line bays – 4 nos. (for Kala and Magarwada lines) 220 kV ICT bays- 3 nos. 765 kV, 330 MVAr BR – 2 nos. (7 X 110 MVAr inc. 1 switchable spare unit) 1X 80 MVAr single phase switchable spare unit (for Ahmedabad – Navsari (New) (South Gujarat) 765 kV D/c line) 765 kV Bus Reactor bays – 2 nos. 400 kV, 125 MVAr Bus Reactor- 1 400 kV Bus Reactor bay- 1 no.
2.	Navsari (new) (South Gujarat) (GIS)- Kala (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) with 63MVAr switchable line reactor on each ckt at Navsari (new) (GIS) end.	110 km 400 kV GIS line bays- 2 nos. (at Kala) 63 MVAr, 400 kV SLR along with switching eqpts.- 2 nos.
3.	Navsari(New) (South Gujarat) (GIS) – Magarwada (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)	80 km 400 kV GIS line bays- 2 nos. (at Magarwada)
4.	Navsari (New) (South Gujarat) (GIS) – Padghe (GIS) 765 kV D/c line with 330 MVAr, 765 kV Switchable line reactor on each ckt at Navsari(New) (South Gujarat) end.	200 km 765 kV GIS line bays -2 (at Padghe) 765 kV, 330 MVAr SLR – 2 nos (6 X 110 MVAr)
5.	Augmentation of transformation capacity at Padghe (GIS) 765/400 kV substation by 1x1500 MVA ICT.	765/400 kV, 1500 MVA- 1 no

POWER GRID CORPORATION OF INDIA LTD.

	The available spare equipped bays (765kV bay: existing & 400kV bay: under construction under WRSS XIX scheme) at Padghe(GIS) S/s shall be utilised for the subject ICT	

Note:

i. Navsari (New) (South Gujarat) S/s shall be established as GIS substation to reduce the land requirement as there may be issues in getting contiguous land in this area which is industrial in nature as well as densely populated.

ii. Augmentation of transformation capacity at Navsari(new) (GIS) 765/400 kV substation by 1x1500 MVA ICT (3rd) along with its associated bays to be implemented in matching time frame of Khavda Phase-A (Ph-II) (5GW) scheme as a part of the scheme "Transmission Network Expansion in Gujarat associated with integration of RE projects from Khavda potential RE zone".

iii. As Kala and Magarwada are located close to each other, majority of common stretch of Kosamba – Kala and Kosamba – Magarwada 400 kV D/c line may be constructed using Multi-circuit towers in order to save RoW.

iv. ***Implementation Time-frame:*** *June 2023*

v. GETCO shall implement the following downstream system in matching time-frame of Navsari(New) (South Gujarat) S/s:

220kV Interconnections Navsari(New) (South Gujarat) S/s) [Under Intra-state]

a. LILO of both circuits of 220 KV D/C Navsari – Chikhli line at Navsari(New) (South Gujarat) (GIS) substation along with associated line bays

b. LILO of both circuits of 220 KV D/C Navsari – Nasik line at Navsari(New) (South Gujarat) (GIS) substation along with associated line bays

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File No.CEA-PS-11-23(20)/1/2018-PSPA-I Division

सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

सचिव कार्यालय

Secretary Office

सेवा में / To,

Shri Jasbir Singh,
CGM (Corporate Planning),
PGCIL, Saudamini, Plot-2,
Sector- 29, Gurugram-122001

विषय / Sub: Prior approval of the Government of India under Section 68(1) of the Electricity Act 2003, for installation of the overhead transmission lines included in the transmission scheme-"Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B"-reg.

संदर्भ / Reference: PGCIL's letter no. C/CP/TS for Gujarat Part-B dated 17.01.2022.

महोदय / Sir,

Power Grid Corporation of India Limited (PGCIL) vide letter under reference has sought prior approval of Government of India under Section 68(1) of Electricity Act 2003, for installation of the overhead transmission lines included in the transmission scheme-"Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B" with the following scope of works:

Sl. No.	Scope of the Works	Capacity/km
1.	Establishment of 765/400/220 kV Navsari (new) (South Gujarat) S/s (GIS) Space provisions for Future Scope 765/400 kV ICT: 4 nos. 400/220 kV ICT: 4 nos. 765 kV line bays along with space for switchable line reactor: 8 nos. 400 kV line bays along with space for switchable line reactor: 6 nos. 220 kV line bays: 16 nos.	765/400 kV, 1500 MVA- 2 nos. (7 x 500 MVA inc. 1 spare unit) 400/220 kV, 500 MVA-3 nos. 765 kV ICT bays- 2 nos. 765 kV GIS line bays -2 (for Phadge line) 400 kV ICT bays- 5 nos. 400 kV line bays - 4 nos. (for Kala and Magarwada lines) 220 kV ICT bays- 3 nos. 765 kV, 330 MVAr BR - 2 nos.

Sl. No.	Scope of the Works	Capacity/km
		(7x110 MVAr including 1 switchable spare unit) 1x80 MVAr single phase switchable spare unit (for Ahmedabad- Navsari (New) (South Gujarat) 765 kV D/c line) 765 kV Bus Reactor bays - 2 nos. 400 kV, 125 MVAr Bus Reactor- 1 400 kV Bus Reactor bay- 1 no.
2.	Navsari (New) (South Gujarat) (GIS) – Kala (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) with 63 MVAr switchable line reactor on each ckt at Navsari (new) (GIS) end.	- 110 km - 400 kV GIS line bays- 2 nos. (at Kala) - 63 MVAr, 400 kV SLR along with switching equipments- 2 nos
3.	Navsari (New) (South Gujarat) (GIS)- Magarwada (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)	- 80 km - 400 kV GIS line bays- 2 nos. (at Magarwada)
4.	Navsari (New) (South Gujarat) (GIS) - Padghe (GIS) 765 kV D/c line with 330 MVAr, 765 kV Switchable line reactor on each ckt at Navsari (New) (South Gujarat) end.	-200 km -765 kV GIS line bays- 2 nos (at Padghe) -765 kV, 330 MVAr SLR - 2 nos (6 x 110 MVAr)
5.	Augmentation of transformation capacity at Padghe (GIS) 765/400 kV substation by 1x1500 MVA ICT. The available spare equipped bays (765kV bay: existing & 400 kV bay under WRSS XIX scheme) at Padghe (GIS) S/s shall be utilized for the subject ICT.	765/400 kV, 1500 MVA- 1 no.

2. Ministry of Power vide letter No. 15/3/2018- Trans-Part (1) dated 13.01.2022 has approved the implementation of the above mentioned transmission scheme through Regulated Tariff Mechanism (RTM) route with PGCIL as the implementing agency.

3. Accordingly, CEA conveys prior approval of Government under Section 68(1) of Electricity Act 2003, to PGCIL for installation of the following overhead transmission lines included in the transmission scheme- "Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B":

i. Navsari (New) (South Gujarat) (GIS) – Kala (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) (length about 110 km)

ii. Navsari (New) (South Gujarat) (GIS)- Magarwada (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) (length about 80 km)

iii. Navsari (New) (South Gujarat) (GIS) - Padghe (GIS) 765 kV D/c line (length about 200 km)

4. This approval is subject to compliance of:

a) The relevant provisions of the Electricity Act 2003, as amended from time to time and the rules and regulations made there under, and

b) CEA (Measures relating to Safety and Electrical Supply) Regulations 2010, and any subsequent amendments made thereto.

5. This approval is also subject to the following conditions:

(i) The implementing agency will commence construction of the project within three years of grant of approval, unless this term is extended by Central Electricity Authority.

(ii) Central Electricity Authority may withdraw the approval before the expiry of the period of three years after giving a one-month notice.

(iii) If the route of the overhead transmission lines covered under the transmission scheme passes through the GIB zone marked in the map which is part of the Hon'ble Supreme Court order dated 19.04.2021, in the petition No.838 of 2019, regarding GIB (Great Indian Bustard) case, the implementing agency shall comply with the decision of Hon'ble Supreme Court of India in its Order in I.A. No. 85618 of 2020 dated 19.04.2021 in Writ Petition No. 838 of 2019 for laying of overhead transmission lines.

(iv) The implementing agencies shall abide by the provisions of Works of Licensee Rules, 2006, notified by the Govt. of India, Ministry of Power in the Gazette of India, extra-ordinary Part-II, Section 3(i) dated 18-04-2006 (vide GSR 217 (E) dated 18- 04-2006).

भवदीय / Yours faithfully,

04/4/22

(वि. कु. मिश्र / V. K. Mishra)
सचिव / Secretary, के.वि.प्रा / CEA

विजय कुमार मिश्र
VIJAY KUMAR MISHRA
सचिव/Secretary
केन्द्रीय विद्युत प्राधिकरण/C.E.A.
विद्युत मंत्रालय/Ministry of Power
भारत सरकार/Govt. of India
दिल्ली/New Delhi-66

प्रति लिपि / Copy to -

(i) Joint Secretary (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Encl - 6

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

C/CP/PA2223-04-0P-IA007

July 07, 2022

MEMORANDUM

SUB: INVESTMENT APPROVAL FOR "TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B"

The Board of Directors of POWERGRID, in exercise of powers delegated to it under Department of Public Enterprises (DPE) O.M. No.22(1)/2009-GM dated 4th February, 2010 and O.M. No. 18(6)/2016-MGMT dated 10th August, 2016, communicated through DPE O.M. F.No.26(1)/2018-MGMT dated 23rd October, 2019 have accorded investment approval for **"TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B"** in its 405th meeting held on 6th July, 2022, as per the details given below:

1. SCOPE OF PROJECT

Broad Scope of works:

I. Transmission Lines

i) 400 kV Navsari (New) (South Gujarat) (GIS) - Magarwada (GIS) - Kala (GIS) line – **139.34 km** (M/c portion: 95.68 KM & D/c portion: 43.66 km) *(conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)*

ii) 765 kV Navsari (New) (South Gujarat) (GIS) - Padghe (GIS) D/c line – **220.90 km** (124.90 km in Gujarat & 96 km in Maharashtra).

II. Substations

i) Establishment of 765/400/220 kV Navsari (New) (South Gujarat) GIS Substation (Digital Substation)

765 kV

- 765/400 kV, 1500 MVA ICT : 2 nos. (7 x 500 MVA incl. 1 spare unit)
- ICT bays (GIS): 2 nos.
- Line bays (GIS) : 2 nos.
- 765 kV, 330 MVAr bus reactor : 2 nos. (7 x 110 MVAr inc. 1 switchable spare unit)
- Bus reactor bays : 2 nos.
- 1 x 80 MVAr single phase switchable spare unit (for 765 kV Ahmedabad - Navsari (New) (South Gujarat) D/c line)
- 330 MVAr, 765 kV Switchable line reactor on each ckt at Navsari (New) (South Gujarat) end of 765 kV Navsari (New) (GIS) - Padghe (GIS) D/c line
- Switchable line reactor bays (GIS) : 2 nos.

400kV

- 400/220 kV, 500 MVA ICT : 3 nos.
- ICT bays (GIS) : 5 nos.
- Line bays (GIS) : 4 nos.
- 63 MVAr Switchable line reactor on each ckt at Navsari (New) (GIS) end of 400 kV Navsari (New) (GIS) - Kala (GIS) D/c line
- Switchable line reactor bays (GIS) : 2 nos.
- 400 kV, 125 MVAr Bus Reactor : 1 no.
- 400 kV Bus Reactor bay (GIS) : 1 no.

220 kV

- ICT bays (GIS) : 3 nos.
- Bus Coupler bays (GIS) : 2 nos.
- Bus Sectionalizer bays (GIS) : 2 nos.

ii) Extension of 400 kV Kala (GIS) (PG) Substation

400 kV

- Line bays (GIS) : 2 nos.

iii) Extension of 400 kV Magarwada (GIS) (PG) Substation

400 kV

- Line bays (GIS) : 2 nos.

iv) Extension of 765/400 kV Padghe (GIS) (PG) Substation

765 kV

- 765/400 kV, 1500 MVA ICT (GIS) : 1 no.
- ICT bay (GIS) : 1 no*.
- Line bays (GIS) : 2 nos.
- Line bays for future bays (GIS) : 2 nos.

400kV

- ICT bay (GIS) : 1 no*.

**The available spare equipped bays (765kV bay: existing & 400kV bay: under construction under WRSS XIX scheme) at Padghe (GIS) S/s shall be utilized for the subject ICT.*

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2. PROJECT COST & FUNDING

The estimated cost of the project based on March, 2022 price level is **₹4546.26 crore** including IDC of **₹136.75 crore**.The abstract cost estimate is attached as **Annexure - I**.

The project is proposed to be implemented through Debt (70%) and Equity (30%) with loan component from domestic borrowing/ bonds/ External Commercial Borrowing (ECB) etc. and equity component through internal resources.

3. COMMISSIONING SCHEDULE

The project is scheduled to be commissioned by June, 2023.

07/07/2022

(Krishna Kumar Kandpal)
DGM (CP)

POWER GRID CORPORATION OF INDIA LTD.

Annexure – I

ABSTRACT COST ESTIMATE		
TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B		
(MARCH 2022 price level)		
Sl. No.	**DESCRIPTION**	**AMOUNT (Rs in crore)**
A	Preliminary Survey & Soil Investigation	2.54
B	Land Acquisition for Substation and R & R Compensation	44.12
C	Cost of Compensation for Transmission Lines	
	i) Compensation towards Crop, Tree & PTCC	212.36
	ii) Compensation towards Forest	92.40
	iii) Compensation towards Land/ RoW and others	273.50
D	**Civil Works**	
	i) Infrastructure for substations	21.97
	ii) Non Residential Buildings	0.00
	iii) Colony for Substation	5.69
E	**Equipment Cost**	
	a) Transmission Line	2,396.82
	b) Substation	919.07
F	**Sub Total A TO E**	**3,968.46**
G	Special Tools & Plants @1% of E	33.16
H	Incidental Expenditure During construction (IEDC) **@ 5% of [F - C(ii)]**	193.80
I	Contingencies @ 3% of [F - C(ii)]	116.28
J	Centages & Contingencies @ 8% on Compensatory Afforestation (considering Rs.1,40,000 per Ha) for **441 Ha**	0.49
K	Customs Duty @ 24.49% plus 2% handling charges	97.31
	Sub Total (A TO K)	**4,409.51**
L	Interest During Construction (IDC)	136.75
	GRAND TOTAL	**4,546.26**

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वितरण /Distribution:

1. Chairman, Maharashtra State Electricity Board, Commercial Section, 5th Floor, 'PRAKASHGAD', Bandra (East), MUMBAI- 400 051.
2. Chairman, Head Office Madhya Pradesh State Electricity Board, Shakti Bhawan, Jabalpur-482-008 (MP)
3. Chairman, Gujarat Electricity Board, Vidyut Bhawan, Race Course, Baroda, Gujarat
4. Chairman, Govt. of Goa, Vidhyut Bhavan, Opp. Police Station, Panjim, Goa– 403001
5. Chairman, Chhattisgarh State Electricity Board, PO – Sundarnagar, Dangania, Raipur, Chhattisgarh – 492 013
6. Secretary (Power), Electricity Department, Administration of Dadra Nagar Haveli, U.T. Silvasa – 396 230
7. Secretary (Power), Electricity Department, Administration of Daman and Diu, U.T. Daman – 396 210
8. CMD, Power System Operation Corporation Limited, B-9 (1st Floor), Qutab Institutional Area, Katwaria Sarai, New Delhi -11001

प्रति विनम्र सूचनार्थ /Copy for kind information, please:

1. PS to Secretary (Power), MoP, Shram Shakti Bhawan, New Delhi- 110 001
2. PS to Addl. Secretary & Financial Advisor, MoP, Shram Shakti Bhawan, New Delhi- 110 001
3. Chairperson, CEA, Sewa Bhawan, R.K. Puram, New Delhi- 110 066
4. Secretary, CERC, 3rd & 4th Floor, Chanderlok building, 36, Janpath, New Delhi- 110 001
5. CEO, NITI Aayog, Yojana Bhawan, New Delhi- 110 001
6. Advisor, PAMD, NITI Aayog, Yojana Bhawan, New Delhi
7. Member Secretary, NRPC, 18/A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110 016
8. Member (Power Systems), CEA, Sewa Bhawan, R.K.Puram, New Delhi- 110 066
9. Secretary, CEA, Sewa Bhawan, R.K.Puram, New Delhi- 110 066 – 03 copies
10. Joint Secretary, Ministry of Statistics & Programme Implementation, Sardar Patel Bhawan, New Delhi-110001
11. Joint Secretary (Transmission), MoP, Shram Shakti Bhawan, New Delhi- 110 001
12. Joint Secretary (Plan Finance Div.-II), Ministry of Finance, North Block, New Delhi- 110 001
13. Director (Transmission), MoP, Shram Shakti Bhawan, New Delhi- 110 001
14. Director, Ministry of Finance (Plan finance Div.), North Block, New Delhi- 110 001
15. Deputy Secretary, Cabinet Secretariat, Rashtrapati Bhawan, New Delhi- 110 001
16. Under Secretary, Finance & Budget Section, MoP, Shram Shakti Bhawan, New Delhi- 110 001

07/07/2022

(Krishna Kumar Kandpal)
DGM (CP)

POWER GRID CORPORATION OF INDIA LTD. ★ पावरग्रिड POWERGRID

Important Note:

As per approval, following critical activities may be monitored:

(i) Timely Award of major package(s).

(ii) Timely supply of major equipment.

(iii) Risk Management Matrix indicating various milestones to be monitored for the subject project is attached at **Annexure-II**.

Distribution:

ED : CMG / Engg.- SS, TL, Civil, CE, FQA/ CS & MM / Finance/ ERP & IT Cell/ HR/ Commercial & RC/ AM, LD&C & Safety Cell / Engg-HVDC & QA&I/ WRTS-I / WRTS-II/ CTUIL

Chief GM : NTAMC/ Admin-IR/ HRD, RB & Corp. Comm/ ESMD & CSR

Company Secretary

DGM: Law

For kind information of:

Director (Personnel)/ Director (Finance)/Director (Projects)/CVO

(Krishna Kumar Kandpal)
DGM (CP)

POWER GRID CORPORATION OF INDIA LTD.

Risk Management Matrix for "TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B"

Sl. No.	Risk Parameters	Broad Mitigation steps		Responsibilty Centre**
		Mitigation-1	Mitigation-2	
1	Delay in obtaining Forest & CRZ clearance due to cumbersome process	Submission of proposal as early as possible/immediately after completion of detailed survey in forest & CRZ stretch	Consistent Follow-up for expediting Forest/CRZ clearance at all levels	Site Project Head/ESMD
2	Delay in commencement of project	Award of major contracts to be placed within 1 month of Investment Approval & Contract Agreement to be signed within 1 month thereafter	Kick-off meeting within 1 month of Letter of Award	CS/CMG
3	Time overrun due to delay in resolution of RoW issues in construction of Transmission line	Regular follow-ups and continuous consultation with Land owner & Local Administration	Escalating to Senior Authorities at State govt level viz Chief Secretary/Hon'ble Minister for immediate resolution.	Site Project Head/CMG
4	Delay in land acquisition of substations	To identify encroachment free govt land for substation to avoid delay associated with land acquisition	Advance action for land acquisition/transfer to be taken	Site Project Head/ESMD
5	Idling of transmission system due to non-readiness of generator / downstream / upstream transmission system	Regulatory approval/Indemnification agreement to be signed with generators/other agencies	To maintain active co-ordination with generating company/STUs/other ISTS licensees for aligning project progress and create documentary evidence so that CERC Tariff order is not impacted.	CMG
6	Restriction of additional cost by CERC in absence of RCE	RCE-I to be prepared within 1 month of award of all major packages (Tower & Substation)	RCE-II to be prepared when actual Capex is > 50% & thereafter regular review of project cost and completion schedule to ascertain requirement, if any, of further RCE requirement	Site Project Head / Cost. Engg.
7	Restriction of IDC/IEDC by CERC due to lack of / insufficiency in documentary evidence of time overrun	Regular records to be maintained regarding constraints in project progress and documented for support	Hinderance Register to be maintained in SAP and reviewed regularly by project Head	Site Project Head / Commercial
8	Failure of equipments due to non-resolution of quality issue resulting in delay in projects	All major equipment quality checks to be maintained at Level-4	Quality to be ensured at different stages of manufacture as per standard practice.	QA & I Group
9	Non-compliance to statutory requirement of legal / safety / social / environmental etc.	preparation of check-list at RHQ level and monitoring of same		Site Project Head
10	Timely Implementation of the Project			
a.	Commencement			
	1 Finalization of L2	Within 1 month of NOA		CMG
	2 Site Mobilisation	As per L2		Site Project Head
	2 Survey	As per L2		Site Project Head
	3 Statutory Approvals/NOC (i.e. PTCC,Civil Aviation, Defence Establishment etc.)	Application to be submitted within 1 month of completion of survey	Complete within 3 months before completion schedule	Site Project Head
b.	Physical Progress			
	1 Foundation/Civil works etc	As per L2	Complete 3 months before completion schedule	Site Project Head
	2 Tower Erection	As per L2	Complete 2 months before completion schedule	Site Project Head
	3 Stringing	As per L2	Complete before scheduled completion of project	Site Project Head
	4 Supply of equipment	As per L2	Completion of Transformer & major equipment Supply within 4th -12th months & other bay extension equipment supply also from 4th-12th months progressively from NOA date.	CC: Head (Engg.-S/s) Site Project Head
c.	Commissioning	As per L2		Site Project Head

** Overall in-charge for Responsibility Centre is Head of the respective Region / Department/ Project Group

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Encl-7

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विस्तृत परियोजना प्रतिवेदन (DPR)

TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ITS ATC FROM ISTS: PART B

[TR – 202133]

March 2022 Price Level

May 2022

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

केन्द्रीय कार्यालय: "सौदामिनी", प्लॉट नंबर 2, सेक्टर -29, गुरुग्राम -122001, (हरियाणा) दूरभाष: 0124-2571700-719
Corporate Office: "Saudamini", Plot No. 2, Sector-29, Gurugram-122001, (Haryana) Tel.: 0124-2571700-719
पंजीकृत कार्यालय: बी -9, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली -110 016. दूरभाष: 011-26560112, 26560121, 26564812, 26564892, CIN: L40101DL1989GOI038121
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110 016. Tel: 011-26560112, 26560121, 26564812, 26564892, CIN : L40101DL1989GOI038121

SCOPE OF WORKS FOR

TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B [TR-202133]

A.	Transmission Lines	Length (km)
1	Navsari (New) (South Gujarat) (GIS) - Magarwada - Kala 400 kV line (M/c & D/c) *(conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)*	86.95 *(M/c: 43.29 km & D/c: 43.66 km)*
2	Magarwada - Kala (GIS) 400 kV line (M/c portion) *(conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)*	52.39
3	Navsari (New) (South Gujarat) (GIS) - Padghe (GIS) 765 kV D/c line (Gujarat Portion)	124.90
4	Navsari (New) (South Gujarat) (GIS) - Padghe (GIS) 765 kV D/c line (Maharashtra Portion)	96.00

POWER GRID CORPORATION OF INDIA LTD.
पावरग्रिड POWERGRID

SCOPE OF WORKS FOR

TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B [TR-202133]

B.	Substation Works	Scope
1	Establishment of 765/400/220 kV Navsari (New) (South Gujarat) Substation (GIS)	**765 kV** • 2 nos. of 765/400 kV, 1500 MVA ICT (7 x 500 MVA incl. 1 spare unit) • 2 nos. ICT bays • 2 nos. Line bays • 2 nos. 765 kV, 330 MVAr bus reactor (7 x 110 MVAr inc. 1 switchable spare unit) • 2 nos. Bus reactor bays • 1 x 80 MVAr single phase switchable spare unit (for Ahmedabad - Navsari (New) (South Gujarat) 765 kV D/c line) • 330 MVAr, 765 kV Switchable line reactor on each ckt at Navsari (New) (South Gujarat) end of Navsari (New) (GIS) - Padghe (GIS) 765 kV D/c line • 2 nos. 765 kV, 330 MVAr Switchable line reactors (6 X 110 MVAr) • 2 nos. Switchable line reactor bays **400 kV** • 3 nos. 400/220 kV, 500 MVA ICT • 5 nos. ICT bays • 4 nos. Line bays • 63 MVAr Switchable line reactor on each ckt at Navsari (New) (GIS) end of Navsari (New) (GIS) - Kala (GIS) 400 kV D/c line • 2 nos. 400 kV, 63 MVAr Switchable line reactors • 2 nos. Switchable line reactor bays • 1 no. 400 kV, 125 MVAr Bus Reactor • 1 no. 400 kV Bus Reactor bay **220 kV** • 3 nos. ICT bays
2	Extension of 400 kV Kala (GIS) (PG) Substation	**400 kV** • 2 nos. Line bays
3	Extension of 400 kV Magarwada (GIS) (PG) Substation	**400 kV** • 2 nos. Line bays
4	Extension of 765/400 kV Padghe (GIS) (PG) Substation *[The available spare equipped bays (765kV bay: existing & 400kV bay: under construction under WRSS XIX scheme) at Padghe(GIS) S/s shall be utilised for the subject ICT]*	**765 kV** • 2 nos. of 765/400 kV, 1500 MVA ICT • 2 nos. ICT bays • 2 nos. Line bays **400 kV** • 2 nos. ICT bays

POWER GRID CORPORATION OF INDIA LTD. POWERGRID

PREAMBLE

This proposal covers the Detailed Project Report for

Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B [TR-202133]

The total estimated cost of the project based on **March 2022 price level** is as follows:

(Rs. in crores)

		Total cost
1.	Transmission System	4,409.51
2.	Interest during Construction	136.75
	TOTAL	**4,546.26**

POWER GRID CORPORATION OF INDIA LTD.

CONTENTS

Sl. No.	Description	Page No.
1.0	Context/Background	1
2.0	Description of Transmission System	1
3.0	Scope of Works	1
4.0	Project Highlights	3
5.0	Project Approval/Sharing of Transmission Charges	3
6.0	Project Strategy	4
7.0	Legal Framework	4
8.0	Environmental Impact Assessment	4
9.0	Equipment Selection Philosophy	5
10.0	Technology Issues	6
11.0	Management Arrangements	16
12.0	Means of Finance and Project Budget	18
13.0	Time Frame	20
14.0	Risk Analysis	21
15.0	Past Record of Successful Project Implementation	22
16.0	Sustainability	22

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पावरग्रिड POWERGRID

ANNEXURES

Annex. No.	Description
1.0	Abstract Cost Estimate - Summary
1.1	Abstract Cost Estimate - Preliminary & General Civil Works
1.2	Abstract Cost Estimate – Substation
2.0	Phased Fund Requirement (for Base cost)
2.0a	Phased Fund Requirement (for Completed cost)
3.0	Monthly Fixed Charges (for Base cost)
3.0a	Monthly Fixed Charges (for Completed cost)
4.0	Calculation of Interest during Construction (for Base cost)
4.0a	Calculation of Interest during Construction (for Completed cost)
5.0	Calculation of Completed Cost of Project
6.0	Indexation adopted for calculation of Completed Cost
7.0	IRRs Calculation on Completed Cost
8.0	Copy of relevant extracts of minutes of following meetings: (i) 5th NCT meeting held on 25.08.2021 & 02.09.2021. (ii) 7th NCT meeting held on 03.12.2021. (iii) Joint Study Meeting held on 05.11.2021 (iv) MOP Office Memorandum dated 13.01.2022 awarding the subject scheme to CTUIL for implementation under Regulated Tariff Mechanism by POWERGRID (implementing agency).
9.0	Copy of prior approval of the Government of India under Section 68 (1) of the Electricity (Supply) Act, 2003

POWER GRID CORPORATION OF INDIA LTD.

EXHIBITS

Exhibit No.	***Description***
1.0	*Project Schematic*
2.0	*Single Line Diagram - Substations*
3.0	*Project Implementation Schedule*

POWER GRID CORPORATION OF INDIA LTD.
पावरग्रिड POWERGRID

DETAILED PROJECT REPORT FOR TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ITS ATC FROM ISTS: PART B

1.0 CONTEXT / BACKGROUND

The ISTS schemes which is a part of the transmission scheme "System Strengthening in Gujarat associated with the integration of RE projects from Khavda potential REZ" that was deliberated in the 5th NCT meeting held on 25.08.2021 & 02.09.2021.

Subsequently, a Joint Study Meeting was held on 05.11.2021 amongst CEA, CTUIL, POSOCO & GETCO to discussed already planned scheme based on updated inputs received from GETCO. In said meeting, it was decided to phase the schemes already deliberated in the 5th meeting of NCT with minor modifications based on ATC requirement of GETCO as well as system strengthening requirements associated with the integration of RE projects from Khavda potential RE zone. Based on the deliberations, CTUIL submitted the scheme "**Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B**" for consideration of NCT.

The 7th NCT meeting held on 03.12.2021 recommended the ISTS Transmission scheme to MoP to be implemented by POWERGRID through RTM route.

Subsequently, MoP vide OM dated 13.01.2022 awarded the scheme "Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B" for implementation by POWERGRID through RTM route. As mentioned in the Office memorandum, the CTUIL has to enter into a concession agreement with respective agency (POWERGRID) for implementation of the scheme.

2.0 DESCRIPTION OF TRANSMISSION SYSTEM

Scheme involves implementation of following transmission scheme under RTM:

S. No.	Transmission Scheme	Implementing Agency
1.	Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B	Power Grid Corporation of India Ltd.

3. SCOPE OF WORK

The present Detailed Project Report covers the following scope of work:

Transmission Lines:

I. Navsari (New) (South Gujarat) (GIS) - Magarwada (GIS) - Kala (GIS) 400 kV line – **139.34 km** (M/c portion: 96.58 KM & D/c portion: 43.66 km)
(conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)

II. Navsari (New) (South Gujarat) (GIS) - Padghe (GIS) 765 kV D/c line – **220.90 km** (124.90 km in Gujarat & 96 km in Maharashtra)

Substations:

1. **Establishment of 765/400/220 kV Navsari (New) (South Gujarat) GIS Substation (Digital Substation)**

765 kV

- 2 nos. of 765/400 kV, 1500 MVA ICT (7 x 500 MVA incl. 1 spare unit)
- 2 nos. ICT bays
- 2 nos. Line bays
- 2 nos. 765 kV, 330 MVAr bus reactor (7 x 110 MVAr inc. 1 switchable spare unit)
- 2 nos. Bus reactor bays
- 1 x 80 MVAr single phase switchable spare unit (for Ahmedabad - Navsari (New) (South Gujarat) 765 kV D/c line)
- 330 MVAr, 765 kV Switchable line reactor on each ckt at Navsari (New) (South Gujarat) end of Navsari (New) (GIS) - Padghe (GIS) 765 kV D/c line
- 2 nos. Switchable line reactor bays

400kV

- 3 nos. 400/220 kV, 500 MVA ICT
- 5 nos. ICT bays
- 4 nos. Line bays
- 63 MVAr Switchable line reactor on each ckt at Navsari (New) (GIS) end of Navsari (New) (GIS) - Kala (GIS) 400 kV D/c line
- 2 nos. Switchable line reactor bays
- 1 no. 400 kV, 125 MVAr Bus Reactor
- 1 no. 400 kV Bus Reactor bay

220 kV

- 3 nos. ICT bays
- 2 nos. Bus Coupler bays
- 2 nos. of Bus Sectionalizer bays

2. **Extension of 400 kV Kala (GIS) (PG) Substation**

400kV

- 2 nos. Line bays

3. **Extension of 400 kV Magarwada (GIS) (PG) Substation**

400kV

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• 2 nos. Line bays

4. Extension of 765/400 kV Padghe (GIS) (PG) Substation*

765 kV

• 1 no. of 765/400 kV, 1500 MVA ICT
• 1 no. ICT bay *
• 2 nos. line bays
• 2 nos. line bays for future bays

400kV

• 1 no. ICT bay *

**The available spare equipped bays (765kV bay: existing & 400kV bay: under construction under WRSS XIX scheme) at Padghe (GIS) S/s shall be utilized for the subject ICT.*

The single line diagrams of proposed transmission system are given at **Exhibit - 2.0.**

4.0 PROJECT HIGHLIGHTS

a)	Project	:	Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B
b)	Location of the Project	:	Western Region
c)	Project Cost	:	**Rs. 4,546.26 Crores** at **March 2022** Price Level (including IDC of **Rs. 136.75 Crores**)
d)	Monthly Fixed Charges	:	**Rs. 6,677.92 Lakhs** on Base Cost **Rs. 7,117.91 Lakhs** on Projected Completed Cost
e)	Commissioning schedule	:	The project is scheduled to be commissioned by June 2023 as per MoP OM dated 19.01.2022.

5.0 PROJECT APPROVAL BY CONSTITUENTS / SHARING OF TRANSMISISION CHARGES

5.1.1 The above transmission system was discussed in the 5th NCT meeting held on 25.08.2021 & 02.09.2021. The 7th NCT meeting held on 03.12.2021 recommended the ISTS Transmission scheme to MoP to be implemented by POWERGRID through RTM route.

Ministry of Power vide Office Memorandum dated 13.01.2022 has approved the implementation of "Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B" by POWERGRID under regulated tariff mechanism. (Copies of the minutes of meetings enclosed at **Annexure - 8.0**.).

As mentioned in the Office memorandum, the CTUIL has to enter into a concession agreement with respective agency (POWERGRID) for implementation of the scheme.

5.1.2 CEA vide letter dated 04.02.2022 conveyed the prior approval of the Government of India under Section 68 (1) of the Electricity (Supply) Act, 2003. Copy attached at **Annexure-9.0.**

5.2 **SHARING OF TRANSMISSION CHARGES**

The transmission charges for this project shall be shared by the beneficiaries in line with the Sharing Regulations notified by CERC from time to time.

6.0 PROJECT STRATEGY

POWERGRID had undertaken and evolved the various elements of this transmission scheme in consultation with CEA keeping in view the present and future load requirement of Western Region.

7.0 LEGAL FRAMEWORK

It is proposed to execute the above entire transmission scheme as per provisions contained in the Indian Electricity Act, 2003 and the rules made there-under and the Electricity (Supply) Act, 1910 and 1948, in so far as these are applicable.

8.0 ENVIRONMENTAL IMPACT ASSESSMENT

8.1 Environmental Risk

As per the policy and procedures laid down in ESPP, preliminary route selection is done based on environmental screening and scoping procedure with the help of secondary/published data/documents such as Forest Atlas and the Survey of India maps using "bee" line method, followed by field verification through walk over survey. All possible steps are taken to avoid the route alignment through forests. In cases where it becomes unavoidable due to the geography of terrain, the alignment is made in such a way that the route through the forests is the barest minimum. For selection of optimum route, following points are taken into consideration:

(i) The route of the proposed transmission line does not involve any human rehabilitation.
(ii) Any monument of cultural or historical importance is not getting affected.
(iii) The route does not create any threat to the survival of any community.
(iv) It does not affect any Public-Utility Services like Playground, School, Other establishments, etc.
(v) It does not pass through any sanctuaries, National Park, etc.
(vi) It does not infringe with areas of natural resources.

As per the preliminary assessment based on Forest Atlas, toposheet and walk over survey of the area, certain forest stretches are likely to be encountered for this Transmission system comprising of the following line:

NAME OF TRANSMISSION LINE	FOREST INVOLVEMENT (Approx. area in Ha)
a) Navsari (New) (South Gujarat) (GIS) – Magarwada - Kala (GIS) 400kV D/c line (139.34 km)	78 Ha

b) Navsari (New) (South Gujarat) (GIS) – Padghe (GIS) 765kV D/c line (220.90 km) — 362 Ha

However, exact involvement of forest stretch shall be known only after detailed survey and finalization of route alignment.

8.2 Social Issues/R&R measures

As per the prevailing law, land below transmission line is not required to be acquired and compensation towards all damages is required to be paid. However, the land owners/farmers are now demanding cost of land for tower base area as well as diminution in land value for transmission line corridor area due to severe restriction imposed on land use. These demands of farmers were considered by a committee specifically constituted to resolve such issue and to develop a uniform policy / rules for such compensation. Based on the MoP guidelines issued on 15.10.15 regarding payment of compensation towards damages in regard to Right of Way for transmission lines, provisions have been kept in the DPR to meet such cost.

POWERGRID has developed its own Environmental and Social Policy & Procedure (ESPP) for its project activities after detailed consultation, within and outside POWERGRID, including National Consultation. **POWERGRID's ESPP envisages a progressive policy on Resettlement & Rehabilitation (R&R).** National policy on R&R is not attracted by the transmission projects, as these do not involve displacement of a large number of families. However, POWERGRID has adopted entitlement benefits listed in the national R&R policy in its **"Social Entitlement Framework"** that is being implemented wherever land acquisition for substations was undertaken by invoking Land Acquisition Act, 1894. However, to make land acquisition process in the country more transparent and participative as well as to ensure Rehabilitation and Resettlement of affected families GOI has enacted a new act viz.**"The Right to Fair compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013"** by repealing the old "Land Acquisition Act, 1894". The new act has become operational from 1st January 2014. Under this the **Social assessment and R&R of affected persons is the responsibility of concerned State govt. or its authorized agency instead of utility (POWERGRID).** However, costs of such measures are to be borne by the utility.

New substation is to be constructed at Navasari under subject project. Land area of 77.49 acres is envisaged for the same which is expected to cost Rs. 39.72 crores. Rs. 250 lakhs has been considered towards rehabilitation and resettlement costs.

9.0 EQUIPMENT SELECTION PHILOSOPHY

The subject project has been designed in the most optimal manner based on the various studies as mentioned above. The system and equipment parameters are chosen keeping in view the present trend in technology. The conductors are selected such that the losses in them due to internal resistance as well as due to external effects are bare minimum. The bus bar materials and the clamps and connectors are chosen meeting the stringent international requirements so that there is least loss of energy in them. The transformers, reactors and other switchgears are also suitably selected and evaluated before award itself for most efficient operation from thermal and loss efficiency point of view. The energy thus saved is energy transmitted to the beneficiaries. This is a major step in

energy conservation as the energy saved on account of losses is construed as energy generated.

10.0 TECHNOLOGY ISSUES

10.1 Salient features of 765/400/220 KV Substation Equipment and facilities

The design and specification of substation equipment are to be governed by the following factors:

10.1.1 Insulation Coordination

765/400/220 KV System would be designed to limit the switching overvoltage to 2.5 pu and power frequency overvoltage of 1.5 p.u. In case of 765/420 kV system, the initial value of temporary overvoltage could be 2 p.u for 1-2 cycles. Consistent with these values and protective levels provided by lightning arrestors, the following insulation levels are proposed to be adopted for 765 kV, 400 kV and 245 kV systems:

		765 KV	420 KV	220 kV
a	Impulse withstand voltage for - Transformer and reactors - for Other Equipment	 1950 kVP 2100 kVP	 1300 kVP 1550 kVP	 950 kVP 1050 kVP
b	Switching surge withstand voltage	1550 kVP	1050 kVP	
c	Minimum creepage distance	24800 mm	13020 mm	7595 mm
d	Max. fault current	50kA	63kA	50kA
e	Duration of fault	1 Sec	1 Sec	1 Sec
f	Corona extinction voltage	508 kV rms	320kV rms	

To control the steady state, transient and dynamic overvoltage to specified levels, compensation equipment shall be provided.

10.1.2 Steady State Stability

The Steady State Stability is the ability of a system, to return/remain in the state of equilibrium when subjected to small or gradual changes of disturbances. The steady state stability limit is the maximum power that can flow through some lines in the system when the entire or part of the system to which the stability limit refers is subjected to a small disturbance without loss of its stability.

The steady state stability is usually quantified by measuring the relative angular displacement (also called as swing curve) between the two buses (nodes) in a network when a small disturbance is applied somewhere into the system.

In an integrated power system consisting of large number of generator, load and line etc., a maximum relative angular separation of about 30 deg. between the two buses may be assumed to be acceptable (safest) limit for maintaining the steady state stability of the system. Angular separation for different alternatives have been studied and found to be in order.

10.1.3 Switching Schemes

It is essential that the system should remain secured even under conditions of major equipment or bus-bar failure. Sub-stations being the main connection points have large influence on the security of the system as a whole. The selection of the bus switching scheme is governed by the various technical and other related factors. One & Half breaker bus scheme has been considered for 765kV & 400kV Main Bus and Double Main –scheme for 400kV & 220kV Main Bus due to their merits in terms of reliability, security, operational flexibility and ease of maintenance of equipment.

The following switching schemes have been considered in various substations:

Substation	765kV side	400kV side	220kV side
Establishment of 765/400/220kV Navsari (new) (South Gujarat) Substation (GIS)	One & half breaker	One & half breaker	DM
Extension of 400kV Kala (GIS) Substation	-	DM	-
Extension of 400kV Magarwada (GIS) Substation	-	DM	-
Extension of 765/400kV Padghe (GIS) Substation	One & half breaker	One & half breaker	-

10.1.4 765/400/220 kV Substation equipment:

The switchgear shall be designed and specified to withstand operating conditions and duty requirements. Further, switchgear for all voltage levels shall be generally of conventional type air insulated switchgear due to economy, subject to availability of suitable land.

GIS Substation Equipment: GIS (Gas insulated Switchgear) shall be in accordance to IEC: 62271-203. The switchgear shall be designed and specified to withstand operating condition and duty requirements.

10.1.4.1 Power Transformer

Power transformers shall conform to IEC: 60076 in general. These transformers shall generally have OLTC with a range of ±5.5%, the range and requirement of which shall be finalized based on the system requirement. The air core reactance shall be of the order of 20%. Tertiary windings shall be provided for large auto transformers, which shall be capable of being loaded to one third of transformer loading. Insulation level of tertiary winding shall not be less than maximum transferred surge from HV/MV winding to tertiary winding.

10.1.4.2 Circuit Breakers

Circuit breakers shall in general comply to IEC 62271-100 & IEC-62271-1 and shall be of SF6 Type. The rated break time shall not exceed 60ms for 220 KV and 40ms for 765 kV and 400kV circuit breakers. Circuit breakers shall be provided with single phase and three phase auto reclosing. The short line fault capacity shall be same as the rated capacity, and this is proposed to be achieved without use of opening resistors.

10.1.4.3 Isolators

The isolators shall comply to IEC 62271-102 & IEC-62271-1 in general. Isolators shall be horizontal/ double/ vertical break/ pantograph type keeping in view the bus switching schemes proposed. Isolators shall be motor operated. Earth switches are provided at various locations to facilitate maintenance. Main blades and earth blades shall be interlocked, and interlock shall be fail safe type. All earth switches shall be motor operated type.

10.1.4.4 Current Transformers

Current Transformers shall comply with IEC 61869-1 & IEC 61869-2 in general. All ratios shall be obtained by secondary taps. They shall have six secondaries for 765kV and 400 kV out of which four shall be used for protection and 2 shall be used for metering. For 220 kV system, it shall have 5 secondaries out of which four shall be used for protection and 1 shall be used for metering. The burden and knee point voltage shall be in accordance with the requirements of the system including possible feeds for telemetry. Accuracy class for protection core shall be PX and for metering core shall be 0.2S as per IEC 61869.

10.1.4.5 Capacitor Voltage Transformers

Voltage transformers shall comply with IEC 61869-1 & IEC 61869-3 in general. These shall have three secondaries out of which two shall be used for protection and one for metering. Accuracy class for protection core shall be 3 P and for metering core shall be 0.2. The voltage transformers on lines shall be suitable for Carrier Coupling. The Capacitance of CVT shall be 4400/6600/8800 pF depending on PLCC requirements.

10.1.4.6 Surge Arresters

Station class current limiting, heavy duty gapless type Surge arresters conforming to IEC 60099-4 in general shall be provided. The rated voltage of Surge arrester and other characteristics are chosen in accordance with system requirements. Surge arresters shall be provided near line entrances, so as to achieve proper insulation coordination. These shall be fitted with pressure relief devices and diverting ports suitable for preventing shattering of insulator housing providing path for the flow of rated currents in the event of arrestors failure.
The switchgear shall be designed and specified to withstand operating conditions and duty requirements.

10.1.4.7Shunt Reactors

Shunt Reactors, wherever provided, shall comply to IEC:60289/IS:5553 in general. 765 kV and 400 kV shunt reactors shall be designed for switching surge overvoltage of 2.5 pu. These should be ONAN Cooled. The neutral of line reactors shall be grounded through adequately rated neutral grounding reactors to facilitate single phase recloser against trapped charges. The neutral of 765 kV and 400kV class shunt reactors shall be insulated to 550 kV peak for lightning impulse and shall be protected by means of 145 kV Class surge arresters.

10.1.5 Substation Support facilities

Certain facilities required for operation & maintenance of substations as described below shall be provided in new substation and in existing substations, they have already been provided and would be extended, wherever required.

10.1.5.1 AC & DC power supplies

For catering to the requirements of three phase & single-phase AC supply and DC supply for various substation equipment the following arrangement is envisaged:

i) For LT Supply, at new Substation, 2 nos. 800 kVA, 33/0.433 kV LT Transformers shall be supplied.
ii) 2 Nos. batteries of 220 V for control & protection and 2 Nos. 48 V battery for PLCC would be provided at new Substation. Each battery would have a boost and trickle charger.
iii) Suitable AC & DC distribution boards and associated LT Switchgear would be provided at new Substations.

10.1.5.2 Firefighting System

Firefighting system in general conforms to fire insurance regulations of India. The firefighting system is proposed with both AC motor & diesel engine driven pumps. Automatic heat actuated emulsifying system is proposed for transformers & reactors. In addition, alarm system based on heat/smoke detectors are proposed to be installed at sensitive points in a substation, e.g. Cable Vault, Main Control Room, MCC Room etc. Further, adequate water hydrants and portable fire extinguishers shall be provided in the substations.

10.1.5.3 Lighting

Adequate normal & emergency AC & DC LED based lighting shall be provided in the control room of the substation. The switchyards shall also be provided with adequate lighting.

10.1.5.5 Telemetry and Communication

The communication network under the proposed project shall have the following aspects in order to meet the high reliability, availability and maintainability criteria:

i. The proposed FO based communication links/network shall be used for speech and data communication to SLDC and/or RLDC. The capacity planned has scope for future usages including for Special protection schemes.

ii. The Fiber Optic (FO) terminal equipment to be installed under the project shall be based upon SDH technology with STM-4 and STM-16 bit rate having support for both existing PDH & Ethernet based requirement. The interfaces shall be selected meeting the present requirement for grid management etc. The SDH equipment shall be provided with redundancy to facilitate path protection and against failure of any interface card/power supply.

iii. Suitable interface cards shall be provided for data transmission and interfacing with data equipment such as PMU*. SPS, RTU and/or sub-station automation system.

**The PMUs provide real time phase angle measurement which is utilized for better Visualization & help to increase the situational awareness of Power System Operators to facilitate real-time congestion management, design of an advanced warning system, validation of data, fine tuning of system models and design of an adaptive protection system*

10.1.5.6 Control Room

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Substation control room would be provided to house substation for station level control along with its peripheral telemetry equipment and recording equipment, AC & DC distribution boards, DC batteries, etc.

10.1.6 Protection & Control

The substations shall be provided with control, relaying & monitoring functions along with substation automation system based on IEC 61850 protocol using fiber optic network. The communication & tele-protection with adjacent connected substations shall be through digital protection coupler via SDH & OPGW communication.

The state of art protection system based on numerical technology has been provided to minimize the damage to equipment in the event of fault for Transformers, Reactors, Transmission lines and Bus bars. These protective relays are with self-diagnostic feature and conforming to latest IEC 61850 for communication purposes for communicating the detailed list of events recoded by these relays in the event of fault or any abnormal conditions. Normally all these relays are equipped with in built fault recorder which can record the analogue as well as digital information for analysis of fault.

Auto Transformers & Reactors

Auto transformers and reactors shall be provided with the following protections:

i) Differential protection
ii) Restricted earth fault protection
iii) Back-up impedance protection

Besides these, transformers & reactors shall also be provided with Bucholz relay, protection against oil and winding temperatures & pressure relief device.

Transmission Lines

765/400 kV lines shall have MAIN-I protection and shall also have numerical distance protection scheme carrier as three zone distance type with carrier aided inter-tripping feature. All lines shall also have MAIN-II protection which shall have numerical distance protection scheme like Main-I but from different make that of MAIN-I.

They shall also be provided with two stages over voltage protection. Further, all lines shall be provided with single and three phase auto-reclosing facility to allow reclosing of circuit breakers in case of transient faults.

These lines shall also be provided with distance to fault locators to identify the location of fault on transmission lines.

Protective Relaying System

765 kV and 400 kV lines shall have MAIN-I protection and also have numerical distance protection scheme carrier as three zone distance type with carrier aided inter-tripping feature. All lines shall also have MAIN-II protection which shall have numerical distance protection scheme like Main-I but from different make than of MAIN-I.
They shall also be provided with two stage over voltage protection. Further, all lines shall be provided with single and three phase auto-reclosing facility to allow reclosing of circuit breakers in case of transient faults.

These lines shall also be provided with distance to fault locators to identify the location of fault on transmission lines.

Further, transmission lines shall be provided with OPGW which shall be used to meet the requirements of Power System Communication. Optical Fiber technology provides an efficient telecommunication network to support their various applications requiring higher speed & bandwidth. POWERGRID has taken up PMU based WAMS project for the entire Power System network. Installation of PMUs is also envisaged at all the sub-stations under the project. PMU based WAMS applications cannot be implemented without Fiber Optic based communication system.

OPGW installation is easier and cost effective during the construction of the line. The fibers are located within ground wire. Therefore the cost of earth wire towards supply and installation is reduced.

Bus bar Protection

The high speed bus bar differential protection which is essential to minimize the damage and maintain system stability at the time of bus bar faults shall be provided for 765/400/220 kV buses. Bus bar protection scheme shall be such that it operates selectively for each bus and incorporates necessary features required for ensuring security. The scheme shall have the provision for future expansion.

Local Breaker Back up Protection

This shall be provided for each of 765kV and 400 kV breakers and will be connected to de-energize the affected stuck breaker from both sides.

Time synchronization equipment

Time synchronization equipment complete in all respect including antenna, cable, processing equipment required to receive time signal through GPS or from National Physical Laboratory (NPL) through INSAT shall be provided.

Substation Automation System

The distributed architecture has been used for Substation Automation system where the controls are provided through bay control unit and bay control units are provided bay wise for voltage level 400kV and above. All bay control units as well as protection units are normally connected through an optical fiber high speed network. The control and monitoring of substation elements such as circuit breaker, disconnector, resetting of relays etc. are being done from Human Machine Interface (HMI) from the control room. SAS is equipped with the facility of remote operation. By providing remote HMI and suitable communication link, the substation can be controlled from a remote location. The functions of control, annunciation, disturbance recording, event logging and measurement of electrical parameters shall be integrated in Substation Automation System. The Automation System shall be provided with the facility of communication and control for remote end operation.

For all the extension substations, state of art Substation Automation System (SAS) available in existing substation conforming to IEC-61850 has been extended/augmented for present scope of work.

Process Bus based Substation at 765/400/220kV Navsari (New) GIS Substation (Digital Substation):

The process bus defined in the IEC 61850-9-2 enables the use of a digital link between Conventional current / voltage transformers and bay Level devices such as protective relays, bay controllers with the help of merging units. Switchgear Controllers (SGCs) are used as digital interfaces between switchgear and bay level IEDs. Process bus technology has additional advantages over conventional Substation Automation System such as improved flexibility of the system, reduction of cable requirement, reduction in execution time of project etc.

10.1.7 PLCC

Power line carrier communication (PLCC) equipment complete for speech transmission, line protections, and data channels shall be provided on each 765 kV transmission line. The protections for transmission line and the line compensating equipment shall have hundred percent back up communication channels. The PLCC equipment shall in brief include the following:

Coupling device, line traps, digital/analog carrier terminals, protection couplers, HF cables, trunk selectors, automatic exchange, and maintenance and testing instruments.

Coupling devices shall be suitable for 4400/6600/8800 pF for 765/420 kV CVTs for phase to phase coupling. The pass band of coupling devices shall have sufficient margin for adding communication channel in future if required. Necessary protection devices for the safety of personnel and low voltage part against power frequency voltages and transient over voltage shall also be provided. The line traps shall be broad band tuned suitable for blocking the complete range of carrier frequencies.

Line Trap shall have the necessary protective devices such as lightning arresters for the protection of tuning device and shall be equipped with corona rings. Decoupling network consisting of line traps and coupling capacitors may also be required at certain substation in case of extreme frequency congestion.

10.1.8 Control Concept

All the EHV breakers in substation/switching stations shall be controlled and synchronized from the switchyard control room / remote control center. Each breaker would have two sets of trip circuits which would be connected to separately fused DC supplies for greater reliability. All the isolators shall have control from remote/local whereas the earth switches shall have local control only.

10.2 Salient features of Transmission Lines

The salient features of the proposed transmission lines are given here under:

The primary consideration for design and estimation of transmission line is walk over survey, which is based upon topographical map/forest map of India. Type of terrain, forest stretches, crossings etc. to be encountered by the transmission line has been taken into consideration while estimating the quantities.

10.2.1 765 kV Double Circuit and 400 kV Double/Multi Circuit AC Transmission Lines

10.2.1.1Wind Zone

The weight of tower will vary in an ascending order from wind zone 1 to wind zone 6 as the transverse load on the tower considered owing to the wind pressure increases in the same pattern. The identification of wind zone is based on the wind zone map given in National Building Code 2016, Vol.1 and the past experience in the region.

The transmission lines fall under wind zone - 3 (44 m/s) as per IS: 875 and shall be designed accordingly.

10.2.1.2 Design Criteria

The design parameters proposed to be adopted for the transmission line are generally based on the report of standardization committee of CEA and stipulations of relevant Indian Standards.

10.2.1.3 Line Configuration

The 765 & 400 kV D/C and M/C lines shall have vertical configuration of conductor bundles.

10.2.1.4 Towers

Self-supporting latticed bolted steel towers, fabricated from structural steel angle section shall be used. Tower components and bolts & nuts shall be hot dip galvanized.

Normally, the following four types of double/multi circuit tower shall be used in these lines.

i. DA/QA type suspension towers for upto 2 degree angle of deviation.

ii. DB/QB type tension towers for upto 15 degree angle of deviation.

iii. DC/QC type tension towers for upto 30 degree angle of deviation.

iv. DD45/QD45 type tension towers for upto 45 degree angle of deviation

v. DD60/QD60 type tension towers for upto 60 degree angle of deviation and suitable for dead end condition. These may also be used for terminal locations.

The standard extensions normally used for various types of towers are as follows:

DA/QA: 3m, 6m, 9m,
DB/QB, DC/QC,DD45/QD45 & DD60/QD60: 3m, 6m, 9m,12m, 15m, 18m, 25m, 30m ,35m

In addition to the above, special towers, for major river crossing, power line crossing and the places where the terrain is particularly different, such as approach to the sub-station, forest stretches etc. shall also be used. All towers shall be designed in accordance with latest edition of IS-802 and considering necessary improvements and reinforcements evolved as per suggestions/recommendations of CEA's expert committee based on the experience of previous tower failures in the country.

Structural steel sections used in towers shall be of High Tensile (HT) steel & Mild Steel (MS) of requisite quality as per IS-2062 or equivalent International Standards.

10.2.1.4.1 Foundations

Tower Foundations are generally pad & chimney type and typically classified as Dry, Wet, Wet Cultivated, partially submerged (PS), Fully Submerged (FS), Wet Black Cotton (WBC), Sandy, Dry Fissured Rock (DFR), Wet Fissured Rock (WFR), Submerged Fissured Rock (SFR), Hard Rock etc. depending upon type of soil encountered and designed accordingly based on relevant Indian standards and CBIP guidelines. For river

crossing locations & soils having poor bearing capacity, wherever required, pile/well type foundations are used.

Types of soil encountered by the transmission lines are generally mixed dry, wet, wet black cotton type in the plain terrain and dry fissured rock, wet fissured rock & hard rock in the hilly terrain. The requirements of the foundations are considered in accordance with the type of soil.

10.2.1.4.2 Revetment and Benching

For hilly and undulating stretch, wherever the line is passing through, revetment and benching shall be provided as per site conditions.

10.2.1.5 Conductors

For 400 KV D/C & M/C lines, Twin HTLS Moose Conductor would be designed with 2100MVA/ckt power flow.

ACSR Zebra conductors have been considered for 765kV Lines based on system requirements as these are most common type of conductors with proven technology having low cost & easy availability.

10.2.1.6 Earthwire

One OPGW and one 7/3.66 mm galvanized steel earth wire shall be used on D/C lines and Two OPGW shall be used on M/C lines so that it can withstand two successive lightning stroke of 150 kA. Shielding angles of 20 deg is considered for transmission lines.

10.2.1.7 Grounding

The tower footing resistance shall be kept below 10 ohms. Pipe type or counterpoise earthing shall be used to bring the tower footing resistance down to acceptable level.

10.2.1.8 Insulator and Hardware Fittings

High strength composite long rod insulators shall be used. The following types of insulator strings along with hardware fittings shall be used:

765 KV D/C TRANSMISSION LINE WITH HEXAGONAL ACSR ZEBRA CONDUCTOR

Type of Strings	Size of Composite Insulator (Core dia x Nominal length) (mm)	Minimum Creepage distance (mm)	No. of individual Units per String (Nos.)	Electro mechanical Strength of Individual Unit (KN)	Ultimate Strength of Insulator String with Hardware assembly (KN)
Double I suspension (Tower DA)	24 x 2975	12400	2x2	160	320
Quad Tension (Tower DB, D C & D D)	24 x 2975	12400	4x2	210	840 (in line strength)
Single I suspension Pilot	24 x 2975	12400	1x2	160	160
Single tension	24 x 2975	12400	1x2	160	160

POWER GRID CORPORATION OF INDIA LTD. POWERGRID

400 kV TRANSMISSION LINE WITH HTLS CONDUCTOR

Type of String	*Size of Composite Insulator (Core dia x Nominal length) (mm)	Minimum Creepage Distance (mm) per unit	No. of individual Units per String (Nos.)	Electro-Mechanical Strength of Insulator Unit (kN)	Ultimate Strength of Insulator String along with Hardware Fittings (kN)
Single 'I' Suspension	20x3335	13020	1x1	120	120
Single Suspension 'Pilot'	20x3335	13020	1x1	120	120
Single Tension	20x3335	13020	1x1	120	120
Double Tension	24x3910	13020	2x1	160	2x160

Double I suspension & Quad Tension in 765kV And Single 'I' Suspension & Double Tension in 400kV are mostly used for suspension and tension towers respectively. Pilot string shall also be used in heavy angle towers to restrict jumper movement. Suitable hardware fittings shall be used for attachment of the insulators with the tower at one end and also for supporting the conductors at the other end. Corona control rings or grading rings will be used for improving corona and RIV performance as well as to improve the voltage distribution across the insulators discs.

10.2.1.9 Line Accessories

i) **Mid span compression joint for conductor/ earthwire**

Mid span compression joint suitable for conductor/ earthwire shall be used for joining two lengths of conductor / earthwire. The minimum slipping strength of the joint after compression shall not be less than 95 % of the UTS of conductor / earthwire.

ii) **Repair sleeve for conductor**

Repair sleeve shall be used only for repairing not more than two strands broken in the outer layer of conductor. It shall be of compression type in two parts with provision of seat sliding of keeper piece.

iii) **Flexible Aluminium bond for earthwire**

Flexible aluminium bonds shall be used for good electrical continuity between the earthwire and the tower. One bond per suspension tower & two bonds (two for each earthwire) per tension tower shall be used.

iv) **Vibration damper for earthwire**

Stockbridge vibration dampers shall be used to reduce the maximum dynamic strain caused by aeolian vibrations to a value of 150 micro-strain.

v) **Spacers/Spacer Damper**

Hexa and Twin bundle spacers shall be used for 765 & 400 kV D/c lines respectively to reduce vibrations and maintain sub-conductor spacing under all

working conditions. Hexa bundle Rigid spacer for jumpers shall be used at all tension towers.

vi) **Suspension/Tension clamps for earthwire**

Suitable suspension/tension clamps shall be used for attachment of earthwire at suspension/tension towers.

vii) **T-connectors**

Compression type T-connectors shall be used for conductor jumpering at transposition towers wherever required.

10.2.1.10 River Crossings

Special towers or Tower with higher extensions shall be used for major river crossings.

10.2.1.11 Power line, Railway line, Road and P&T line crossing

The transmission lines shall be crossing power lines, railway lines roads and P&T lines for which suitable extensions of towers shall be used.
The standard extensions normally used for various types of towers are as follows:

DA/QA: 3m, 6m, 9m,
DB/QB, DC/QC,DD45/QD45 & DD60/QD60: 3m, 6m, 9m, 12m, 15m, 18m, 25m, 30m ,35m

In addition to the above body extension, suitable leg/Chimney extensions shall also be provided in the hilly terrain, wherever required, to reduce the benching.

11.0 MANAGEMENT ARRANGEMENTS

11.1 Organizational set up

In POWERGRID the 'Organizational Concept' has been given due importance and the basic structure of organization has been made with a view to achieve the following objectives:

i) To group related functions together to have clearly defined 'Roles' for the relevant 'functional heads'.
ii) To have well defined 'Responsibility & Authority' centers in the structure.
iii) To have well defined 'communication channels' and optimum 'span of control' in the organization.
iv) To have optimum manpower.
v) To have decentralization of activities as far as possible.

At the first level in the organization, Corporate Centre will be planning, monitoring and controlling the objectives and activities of the organization. At the second level, the Regional HQs will be playing the role of controlling the activities in the regions and will report to Corporate Centre. In POWERGRID, 10 regions have been identified as NR-I, NR-II, NR-III, SR-I, SR-II, WR-I, WR-II, ER-I, ER-II & NER and these regions will be headed by GM/ED. The subject project falls under the purview of WR – I & II.

At the third level in the structure, the Substation Groups will be controlling the activities of the respective Substation and associated lines under that Group and will report to the Regional HQs. The Groups will consist of basic working units such as substation

Construction/maintenance, line construction/maintenance. The Groups will have both service and technical functions, to cater to the basic functional requirements.

11.1.1 Project Management

The project of transmission system will be planned, implemented, monitored and controlled through Integrated Project Management and Control System (IPMCS).

IPMCS uses PERT/CPM technique as the basic management tool. For effective project planning and review, three tier level of planning and review have been adopted.

Level-I:

Planning is done by the Corporate Monitoring Group, a central planning cell, which is in the form of an overall project schedule called the Master Network, for the project which forms the basis for all subsequent planning and monitoring of the activities. This covers broadly all the packages of project and indicates activities of engineering, contracts, manufacturing, erection and commissioning. The Master Network is prepared using computerized techniques which subsequently helps in comparing the actual progress of the project with the scheduled progress. This gives indication of the likely critical areas and helps in preventing the same, thereby resulting in smoother implementation. The Master Network also acts as a source for the planning to be done at Level - II & Level - III.

Level-II:

Planning is done package-wise and is worked out and finalized with the respective contractor/vendor during the pre-award stage. Level II networks are made within the milestones identified in the project Master Network (L-I).

Level-III:

Plans deal with elaborate schedules and weekly/monthly rolling plans which are prepared for activities of engineering, supply (as the case may be) & field activities. These form the basis of monitoring by the various functions.

The system envisages monthly review of the level II programs with contractors and at field on a weekly basis. A site monthly progress report is sent to the head office having four sections, i.e.

i) Project completion trend
ii) Salient achievements for the month
iii) Program for next month
iv) Areas needing attention of top management

11.1.2 Project Implementation Review

As on 31st March 2022, POWERGRID operates about 1,72,437 ckm. of transmission lines and 265 Substations with a transformation capacity of about 4,74,457 MVA POWERGRID has a team of dedicated experts in the field of substation and Transmission Line Engg. equipped with state-of-the-art technology, software capabilities and computer aided facilities for Planning, Design, Operation and Maintenance of transmission system. It has a well-established system of continuous feedback from the field and upgrades the system accordingly.

Based on the feedback as well as in pursuit to economize the cost and implementation period, its experts are vigorously pursuing the standardization of Transmission Line designs, substation/switchyard layouts, schemes, technical parameters of equipment, etc.

POWERGRID has developed a project monitoring system matching with the organization structure, complexity / intricacies involved in the project implementation and Management information system. The system calls for increasing details of planning in all facets of functioning such as engineering, contracts, site and corresponding levels of monitoring and control; for generating a management summary report to the top management. This management summary report highlights the project completion trends, actions being taken/to be taken for the attention of the top management on exceptional basis of critical areas.

Further, the monitoring system envisages a regular total project review called project review meeting (PRM). This review meeting is headed by the Regional in-charge with representation from all functions viz. Contracts, Engineering, Field, Personnel, Finance, Corporate Monitoring Group, etc. The participants discuss project critical, project interface problems and project completion trends, etc.

From the discussions held during the PRM a status report emanates and also an exception report is put up to the Chief Executive and Directors which highlights extremely critical areas needing immediate attention and assistance required. The PRM is held at Corporate Centre generally once in three months. These discussions help in identifying the critical areas and seeking decisions for speedy project implementation.

12.0 MEANS OF FINANCE AND PROJECT BUDGET

12.1 Project Cost Estimate

The estimated cost of the project based on **March 2022 price level** is as follows:

(Rs. in crores)

		Total cost
1.	Transmission System	4,409.51
2.	Interest during Construction	136.75
	TOTAL	**4,546.26**

The abstract cost estimate for Transmission Line and Substation portion are given at **ANNEXURE - 1.0**. The break-up of the cost estimate for civil works, Transmission lines and substations are given at **ANNEXUREs - 1.1, 1.2** and **1.3** respectively.

The detailed cost estimates for the civil works for Transmission Lines and Substations have been given at **ANNEXUREs - 1.1.1, 1.1.2** and **1.1.3**.

12.2 Basis of Cost Estimate

The estimated cost of the project as on **March 2022 price level** works out to **Rs. 4546.26 crores** including an IDC of **Rs. 136.75 crores.** Unit rates for 765 & 400kV

transmission lines and 765/400/220kV substation works have been taken from ***Schedule of Rates*** (*which has been prepared based on the average of unit rates of latest LOAs/Bids and/or from Raw material prices*) for **March 2022** Price level.

Unit rates for tower steel for marine environment were considered on the basis of budgetary offers received from vendors since such prices were not available for recent past. The offers were sought from M/s Skipper, M/s KEC, M/s Shilpa and M/s KPTL. Out of these four, M/s Skippers was the lowest.

The cost estimate is inclusive of GST as applicable for various equipment (supply & services portion). F&I @ 4% has been considered in the Estimate for plain terrain. Customs duty @ 24.49% plus handling charges thereon @ 2% has been considered on imported equipment.

12.3 Project Overheads

The following overheads have been charged on to the cost of the transmission system as a percentage of the equipment cost:

	For Transmission Lines & Substations
i) Incidental Expenditure During Construction	5.00%
ii) Contingencies	3.00%

12.4 Funding arrangement

12.4.1 Phased Fund Requirement

The anticipated year wise fund requirement for the project including interest during construction is given below:

YEAR	TOTAL (Rs in Crores)
2022 – 2023	3,166.78
2023 – 2024	1,379.48
Total	**4,546.26**

12.4.2 Mode of Financing

The project is proposed to be funded through POWERGRID's Internal Resources (IR) and through domestic borrowings/bonds/External Commercial borrowings. The equity component **(30%)** is proposed to be met through the Internal Resources (IR) and the loan component **(70%)** through domestic borrowings/bonds/External Commercial borrowings.

12.5 Interest during Construction

Based on the assumption that the project will be financed from loan and equity in the ratio of **70:30** and the equity component being released simultaneously along with the loan component, the interest during construction works out to **Rs. 136.75 crores**. The interest rate for the loan amount has been considered @ **9%** for domestic loan. The details of calculation are furnished in **Annexure - 4.0**.

The interest during construction would however be based on the actual financial structure of the project and applicable terms of interest on loan(s), etc.

12.6 Monthly Fixed Charges

Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 have been referred for calculation of monthly fixed charges. Considering:

i. Rate of interest on Domestic Loan @ 9% p.a.;
ii. Return on equity @ 15.5%;
iii. Depreciation @ 0% for land, @ 3.34% for building, @ 5.28% for transmission lines & substations and @ 6.33% for PLCC & communication equipment;
iv. O&M charges for **F.Y. 2023-24:**
   a) For substations: @ Rs. 36.18 lakhs per 765 kV GIS bay, Rs. 25.84 lakhs per 400 kV GIS bay, Rs. 18.46 lakhs per 220 kV GIS bay, Rs. 0.564 lakhs per MVA for 765kV transformer and Rs. 0.411 lakhs per MVA for 400kV transformer and for communication system as 2.0% of the original project cost related to such communication system;
   b) For transmission lines: Rs. 1.517 lakhs/km for D/c (quad or more) and Rs. 1.011 lakhs/km for D/c (twin and triple);
v. Debt:Equity ratio 70:30;
vi. Interest on working capital @ 10.50%;

The tentative monthly fixed charges work out as **Rs. 6,677.92 Lakhs** on Base Cost and **Rs. 7,117.91 Lakhs** on projected completed cost (**ANNEXURE - 3.0**).

12.7 Completion Cost

The completion cost of the project is expected to be **Rs. 4,869.46 crores** including IDC of **Rs. 143.49 crores**. The above cost has been worked out based on the average movement of WPI (80% weightage) and CPI (20% weightage) for the preceding 12 month period as per guide lines dated 06.08.1997. Details of calculation are enclosed at **ANNEXURE - 5.0**. The abstract cost estimate for completed cost is enclosed at **ANNEXURE - 1.0a**. The phased fund requirement and calculation for IDC for completed cost are enclosed at **ANNEXURES - 2.0a** and **5.0a** respectively.

12.8 Internal Rate of Return

The Project IRR, Equity IRR and Economic IRR on projected completed cost are tabulated below:

	For Completed Cost
Project IRR	12.06%
Equity IRR	19.32%
Economic IRR	14.11%

The details of calculation are furnished in **ANNEXURE - 7.0.**

13.0 TIME FRAME

The project is scheduled to be commissioned by **June 2023** as per MoP OM dated 19.01.2022. (Implementation schedule is given at **EXHIBIT-3.0**).

14.0 RISK ANALYSIS

Revenue Risk

The capital cost of the transmission system comprises of i) an equity component and ii) a loan component. This is recovered through the annual transmission charges consisting of return required for the equity, an interest for the loan component together with the depreciation charges, the O&M charges and interest on working capital from the beneficiaries as per CERC Notifications. In addition to annual charges Income Tax, FERV and incentives, etc. as per notification would also be payable.

Transmission charges payable have been worked out presently based on CERC Tariff Regulations, 2019 and same shall be billed as per the applicable tariff regulations as issued by CERC from time to time during useful life of the assets.

Regulatory Risk

The transmission charges for this project shall be shared by the beneficiaries in line with the Sharing Regulations notified by CERC from time to time. CERC (Sharing of inter-State Transmission charges and losses) Regulations, 2020 came into force w.e.f. 01.11.2020. Under the Sharing Regulations 2020 signing of any TSA is not envisaged. However, relevant features of TSA, RSA and BCD Procedure have been included in the Regulations itself. Transmission Service Agreements and Revenue Sharing Agreements as on date of commencement of these Regulations shall be saved till expiry of the Agreements to the extent they are not in conflict with provisions of the 2020 Sharing Regulations as and when it becomes effective.

Environmental Risk

Transmission line projects are environmentally friendly and do not involve any disposal of solid effluents and hazardous substance in land, air and water. In forest areas trees are felled below each conductor to facilitate stringing. On completion of construction, only one such strip is maintained for O&M purpose. Therefore, the actual loss of forest is restricted to selected area only. As per the requirement of Forest (Conservation) Act, 1980, approval of Ministry of Environment & Forests, Govt of India for diversion of forest land shall be taken before construction of line and compensatory afforestation shall be done on double the area of degraded forest land to compensate the loss of vegetation due to diversion of forest land if there is any after detailed survey.

Legal / Contractual Risks

The procurement practices of POWERGRID are in line with best practices followed internationally. Further, requisite due diligence is carried out prior to award of contracts which inter-alia includes assessment of capacity and capability of bidders to perform the contract, thereby mitigating contractual risks. In the unlikely event of such risk, adequate provisions such as Dispute Resolution, Risk & Cost procurement, etc are in built in the Bidding/Contract Document to deal with the same.

The legal framework governing the contracts in India is well established and finally in place. As such, there is minimal probability of any legal risk.

Project Management Risks

POWERGRID being the Central Transmission Utility of the country holds vast experience in the area of construction of 400kV and 765kV long Inter-state Transmission lines and

associated substations. It has commissioned several 400kV and 765kV Transmission Lines and Substation projects successfully which are under operation.

POWERGRID has developed and implemented systems & procedures aligned with Integrated Management System. The Critical projects are monitored even more closely. As such, with a dedicated and experienced pool of manpower and application of IMS in implementation of its projects, POWERGRID makes every endeavor to achieve the target making probability of impact of Project Management Risks to minimal.

15.0 PAST RECORD OF SUCCESSFUL PROJECT IMPLEMENTATION

The above transmission system has been evolved, carrying out detailed studies by using latest available power system analysis software (PSS/E), and the proposed system is considered to be adequate to transfer power to the respective beneficiaries with reliability and security. Regarding achieving its objective in the stipulated time frame, it is to mention that POWERGRID has in-house expertise in all specialized areas of transmission with systems upto 800KV AC, ±500KV HVDC, Gas Insulated Sub-Stations, Static VAR Compensation, Series Capacitors, FACTS (Flexible AC Transmission System), Controlled Shunt reactors etc.

POWERGRID, since its formation has commissioned many large size and difficult transmission projects. Majority of such projects have been completed on or ahead of schedule.

As on 31st March 2022, POWERGRID operates about 172,437 ckm. of transmission lines and 265 Substations with a transformation capacity of about 474,457 MVA. POWERGRID has maintained the transmission system's availability at over **99%** consistently.

In recognition of POWERGRID's excellence in areas of its operations as above, POWERGRID has been rated as "Excellent" many times since 1993-94 in achieving the MoU targets with Ministry of Power. POWERGRID is also a recipient of Prime Minister's MoU Award consecutively for many years for being amongst top ten PSUs.

16.0 SUSTAINABILITY

16.1 System Design Philosophy

The power evacuation system is designed in the most optimum manner such that losses in the system are minimal. The system and equipment parameters are chosen according to the present trends in technology, the conductors available are such that the losses in them due to internal resistance as well as due to external effects such as corona and RIV are bare minimum. The busbar materials and the clamps and connectors are chosen after meeting the stringent international requirements so that there is least loss of energy in them. The transformers, reactors and other switchgear are also similarly selected and evaluated before award itself for most efficient operation from thermal loss and efficiency.

16.2 System Operation Philosophy

The power flow in a particular line varies due to demand variation, failure of equipment, line faults, etc. For the system to be stable and to use optimized resources, it is very

important to record the power flow at each and every time. This necessitates the monitoring of operation of the system on a three shift basis.

16.3 System Maintenance Philosophy

The maintenance management system in vogue in POWERGRID aims at keeping the system under stable conditions while ensuring minimum maintenance cost and safety of equipment and personnel. The maintenance management schedule detailed work specification covering all maintenance jobs permit to work system, long term maintenance planning meeting for about 30 minutes for finalizing maintenance schedule for next 24 hours and resolution of interface problems between departments. These meetings are supplemented by meeting of HODs for one hour on alternate days to accelerate the decision making process and to lay down the priorities and guidelines for maintenance work during next 72 hours.

16.3.1 Spare parts Management System

The primary objective of spare part management system will be to ensure timely availability of proper spare parts for efficient maintenance of the substations and lines without excessive build-up on non-moving and slow moving inventory. The spare parts management system for this project will cover the following areas:

a) Proper codification of all spares and consumables

b) Spare parts indenting and procurement policy

c) Ordering of critical mandatory and recommended spares

d) Judicious fixation of inventory levels and ordering levels for spare parts based on our experience in other projects.

e) Development of more than one source wherever practicable.

16.3.2 Training of personnel

The expertise available with the country is adequate to cover maintenance of Transmission Line and sub-station EHV equipment, etc. Also, available technical expertise within POWERGRID is adequate to cover operation and maintenance requirements of equipment. Hence, training in these areas can be arranged by POWERGRID's training facility with the help of training officers, equipment suppliers and consultants, site commissioning personnel as well as POWERGRID's own specialists.

16.3.3 O&M Manuals

a) Adequate O & M manuals will be distributed to all concerned as per the policy of the company.

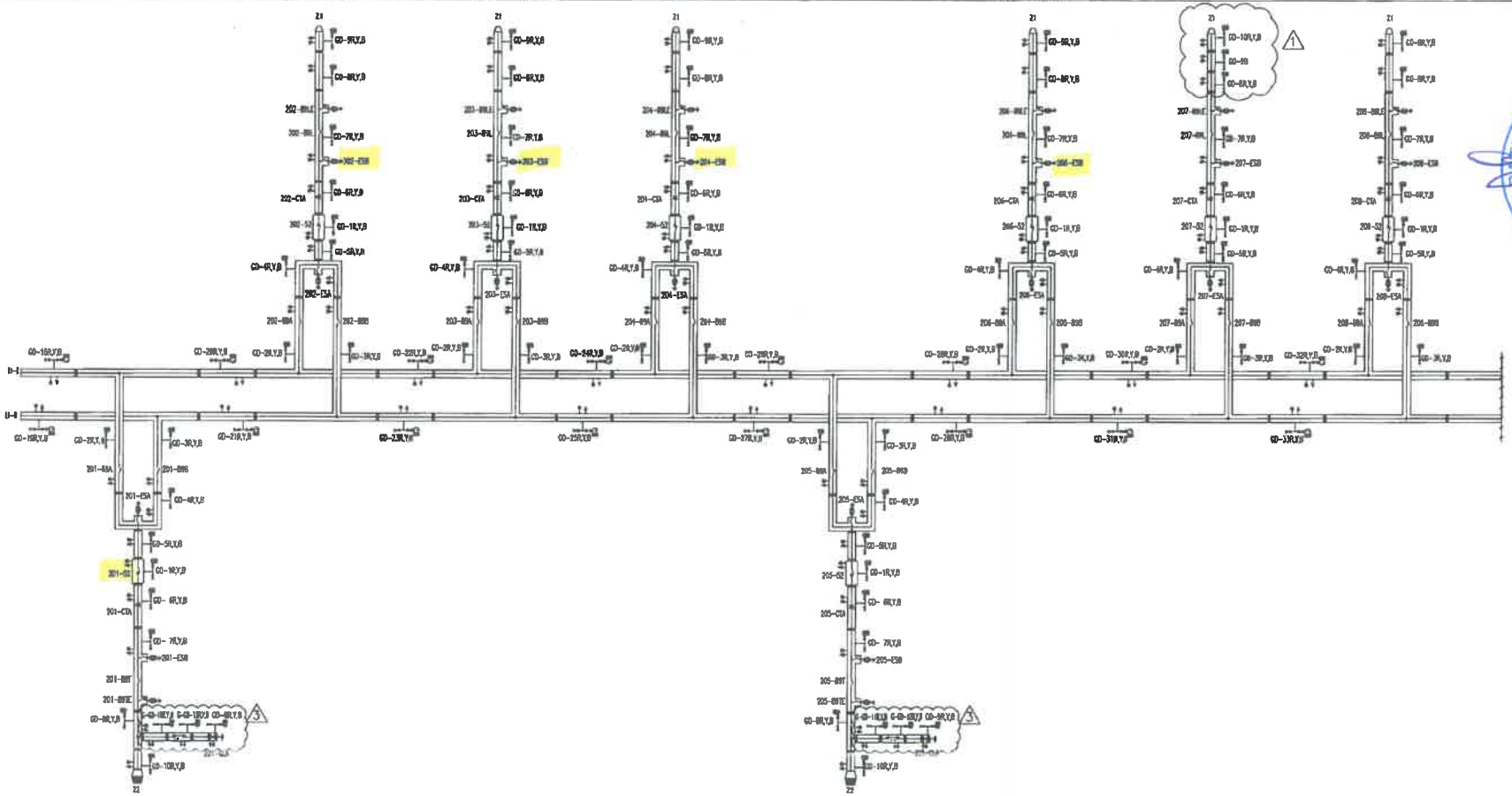
b) O & M manuals will be available to all concerned prior to commissioning of substations and transmission lines to avoid problems in preparation of commissioning documents as well as proper installation & commissioning of equipment.

16.3.4 Special Maintenance tools and Plants

A set of Special maintenance tools and plants shall be provided for installation, commissioning and proper maintenance of the elements of the transmission system. Suitable provision is kept for the same in the cost estimate @ 1% of the total Equipment Cost.

BAY DESIGNATION	201	202	203	204	205	206	207	208
BAY DESCRIPTION	ICT-I	LINE-I KHAJOD LINE-2	LINE-II TARANGPORE LINE-4	LINE-III KHAJOD LINE-1	ICT-II	LINE-IV TARANGPORE LINE-3	LINE-V NAVSARI GETCO	LINE-VI TARANGPORE LINE-2

BAY CIRCUIT



TECHNICAL DATA

LEGENDS

SYMBOL	DESCRIPTION
	CIRCUIT BREAKER(SPRING CHARGED OPERATION)
	DISCONNECTING SWITCH (MOTOR DRIVEN OPERATION)
	MAINTENANCE EARTHING SWITCH (MOTOR DRIVEN OPERATION)
	HIGH SPEED EARTHING SWITCH (MOTOR DRIVE SPRING CHARGED OPERATION)
	CURRENT TRANSFORMER
	VOLTAGE TRANSFORMER (WITH MANUAL ID)
	BUS DUCT WITH GAS TO AIR BUSHING
	GAS TO OIL BUSHING
	GAS VALVE (NORMALLY CLOSED)_NON RETURN TYPE
	GAS VALVE (NORMALLY OPENED)
	GAS PRESSURE SWITCH WITH GAUGE
	GAS TIGHT SPACER (BARRIER)
	RUPTURE DISK(PRD).
	STATIC FILTER (ADSORBENT)
	LIGHTNING ARRESTAR (GIS TYPE)

NOTES

1. RATED SF6 GAS PRESSURE
   - CIRCUIT BREAKER COMPARTMENT : 0.71 MPa.G at 20°C
   - OTHERS COMPARTMENT : 0.56 MPa.G at 20°C
   - LIGHTNING ARRESTER (GIS) : 0.61 MPa.G at 20°C (4)
2. PRESSURE SETTING OF GD AND ESTIMATED GAS QUANTITY ARE AS BELOW.
   - THE PRESSURE SETTING UNIT IS BASED ON MPa.G AT 20°C.
3. TOTAL SF6 GAS QUANTITY(ESTIMATED) : (3) 9166kg
4. SPARE SF6 GAS QUANTITY FOR 5% OF TOTAL GAS QUANTITY (ESTIMATED) : 458.3kg (3)
5. EACH GAS TIGHT COMPARTMENT SHALL BE PROVIDED WITH RUPTURE DISC, GAS FILLING VALVE (MRV), FILTER, PRESSURE SWITCH WITH GAUGE
6. SPECIFICATIONS FOR PRESSURE RELIEF DEVICE (PRD)

DESCRIPTION	PRD FOR GIS
SIZE	100/150mm DIA
BURSTING PRESSURE	1.2±0.06MPa.G
MATERIAL	STAINLESS STEEL
APPLICABLE FLUID	SF6 GAS

7. GAS THROUGH SPACER IS NOT SHOWN IN THE DRAWING.
8. SPECIFICATIONS FOR STATIC FILTER(ADSORBENT)

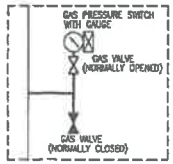
DESCRIPTION	STATIC FILTER
TYPE	ZEOLITE
LOCATION	EACH GAS COMPARTMENT

9. SEPARATE DRAWING FOR LOCATION OF INTERNAL UHF SENSOR SHALL BE SUBMITTED FOR APPROVAL.
10. [illegible]

REFERENCE DRAWINGS

SINGLE LINE	SINGLE LINE DIAGRAM WITH CT/VT DATA : HI-1018480024-A01-01
LAYOUT	OVERALL LAYOUT : HI-1018480024-A02-01
LAYOUT	SECTION LAYOUT : HI-1018480024-A02-02

DETAIL-A(TYPICAL)
FOR GAS VALVE AND GAS PRESSURE SWITCH WITH GAUGE.



220 kV Pooority Bays

Provision for Disconnection (i.e. Disconnecting Link **) has been provided for GIS Surge Arrester and the disconnecting link module shall be part of GIS Surge Arrester only.

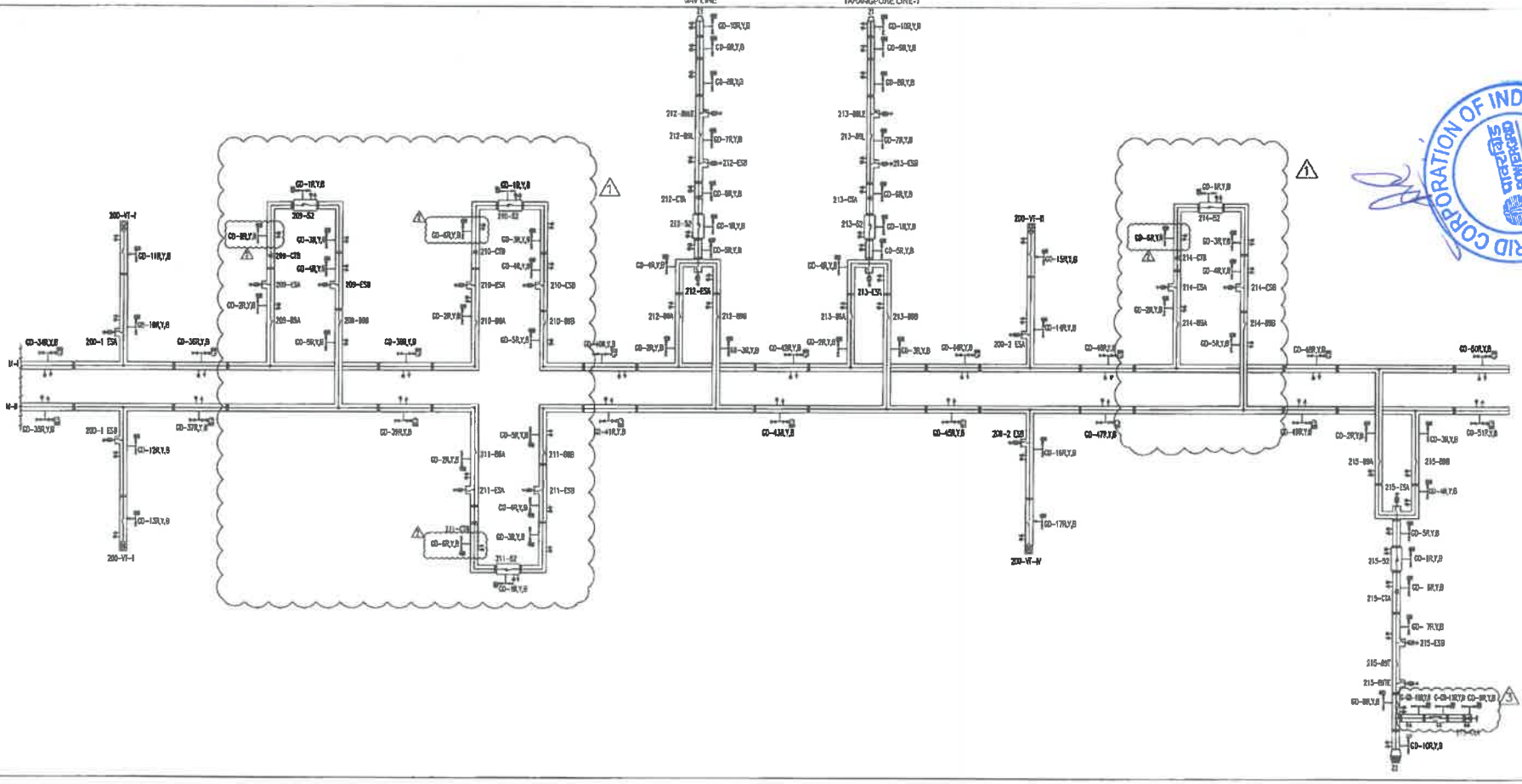
POWER GRID CORPORATION OF INDIA LTD.

247

CLIENT: POWER GRID CORPORATION OF INDIA LTD.
LEAD PARTNER OF JV: KEC INTERNATIONAL LIMITED
OTHER PARTNER OF JV: HYDSUN B T&D INDIA PVT LTD.
SUBSTATION: 400/220/33kV NAVSARI (PGCIL) GIS EXTENSION SUBSTATION
TITLE: 220kV BAY GIS SUBSTATION SLD SYSTEM DIAGRAM
SCALE: NTS

BAY DESIGNATION	200-1	209	210/211	212	213	200-2	214	215
BAY DESCRIPTION	BUS VT-I & II	BUS COUPLER-I	BUS SECTION I & II	LINE-VII URAV LINE	LINE-VIII TAPANGHORE LINE-1	BUS VT-III & IV	BUS COUPLER-II	ICT-III

BAY CIRCUIT



TECHNICAL DATA

LEGENDS

SYMBOL	DESCRIPTION
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	DISCONNECTING SWITCH (MOTOR DRIVEN OPERATION)
	MAINTENANCE EARTHING SWITCH (MOTOR DRIVEN OPERATION)
	HIGH SPEED EARTHING SWITCH (MOTOR DRIVE SPRING CHARGED OPERATION)
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	VOLTAGE TRANSFORMER (WITH MANUAL ID)
	BUS DUCT WITH GAS TO AIR BUSHING
	GAS TO OIL BUSHING
	GAS VALVE (NORMALLY CLOSED)_NON RETURN TYPE
	GAS VALVE (NORMALLY OPENED)
	GAS PRESSURE SWITCH WITH GAUGE
	GAS TIGHT SPACER (BARRIER)
	RUPTURE DISK(PRD)
	STATIC FILTER (ADSORBENT)
	LIGHTNING ARRESTER (GIS TYPE)

NOTES

1. RATED SF6 GAS PRESSURE
   - CIRCUIT BREAKER COMPARTMENT : 0.71 MPaG at 20°C
   - OTHERS COMPARTMENT : 0.56 MPaG at 20°C
   - LIGHTNING ARRESTER (GIS) : 0.61 MPaG at 20°C (4)
2. PRESSURE SETTING OF GD AND ESTIMATED GAS QUANTITY ARE AS BELOW.
   - THE PRESSURE SETTING UNIT IS BASED ON MPa.G AT 20°C.
3. TOTAL SF6 GAS QUANTITY(ESTIMATED) : (3) 916Kg
4. SPARE SF6 GAS QUANTITY FOR 5% OF TOTAL GAS QUANTITY (ESTIMATED): 458.3kg (3)
5. EACH GAS TIGHT COMPARTMENT SHALL BE PROVIDED WITH RUPTURE DISC, GAS FILLING VALVE (NRV), FILTER, PRESSURE SWITCH WITH GAUGE
6. SPECIFICATIONS FOR PRESSURE RELIEF DEVICE (PRD)

DESCRIPTION	PRD FOR GIS
SIZE	100/150MM DIA.
BURSTING PRESSURE	1.2±0.06MPa.G
MATERIAL	STAINLESS STEEL
APPLICABLE FLUID	SF6 GAS

7. GAS THROUGH SPACER IS NOT SHOWN IN THE DRAWING.
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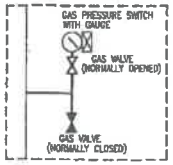
LOCATION	EACH GAS COMPARTMENT

9. SEPARATE DRAWING FOR LOCATION OF INTERNAL UHF SENSOR SHALL BE SUBMITTED FOR APPROVAL.
10. [illegible]. Provision for Disconnection (i.e. Disconnecting Link **) has been provided for GIS Surge Arrester and the disconnecting link module shall be part of GIS Surge Arrester only

DETAIL-A(TYPICAL)
FOR GAS VALVE AND GAS PRESSURE SWITCH WITH GAUGE



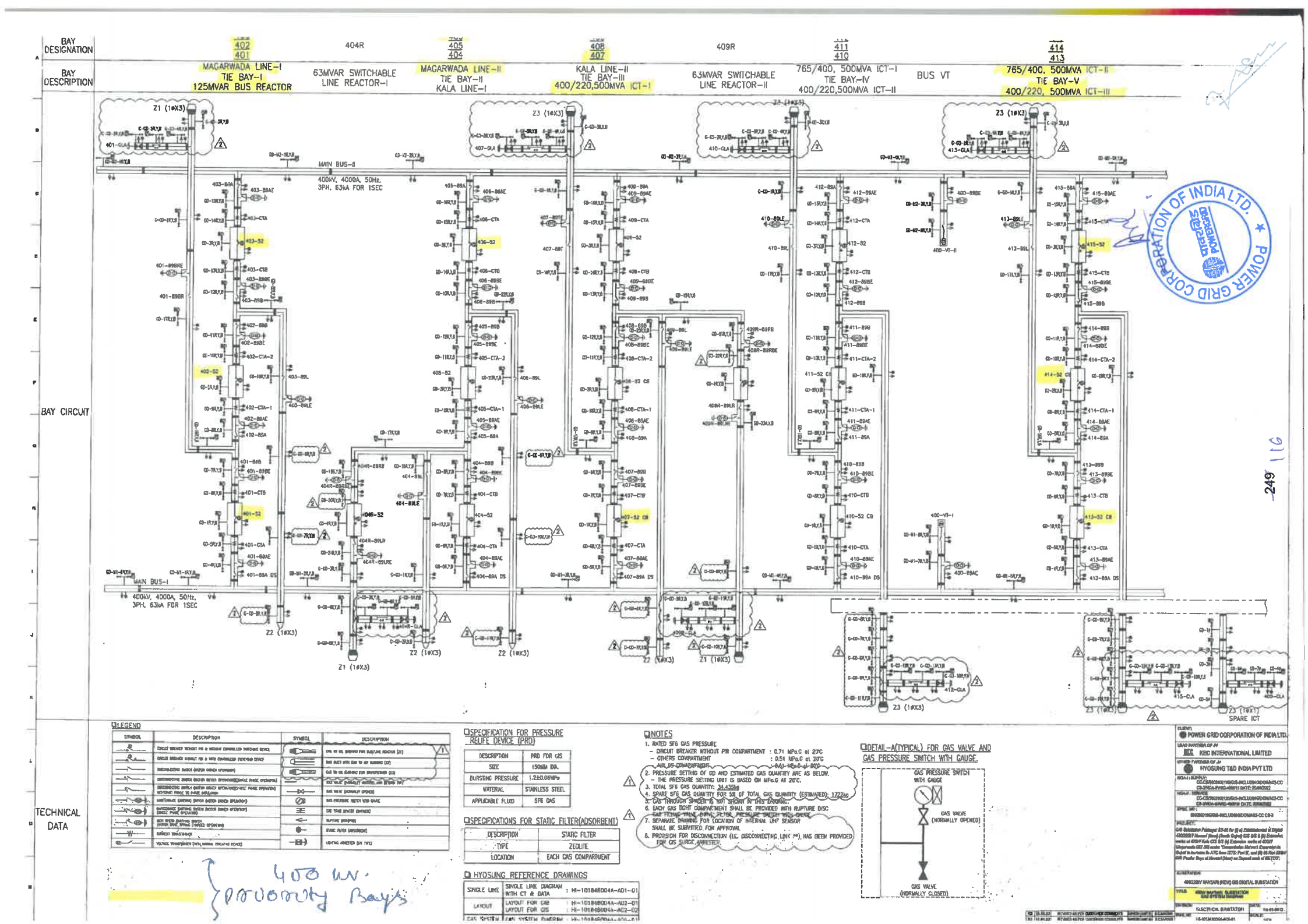
REFERENCE DRAWINGS

SINGLE LINE	SINGLE LINE DIAGRAM WITH CT/VT DATA : H-101848002A-A01-01
LAYOUT	OVERALL LAYOUT : H-101848002A-A02-01
LAYOUT	SECTION LAYOUT : H-101848002A-A07-02

POWER GRID CORPORATION OF INDIA LTD. * POWERGRID

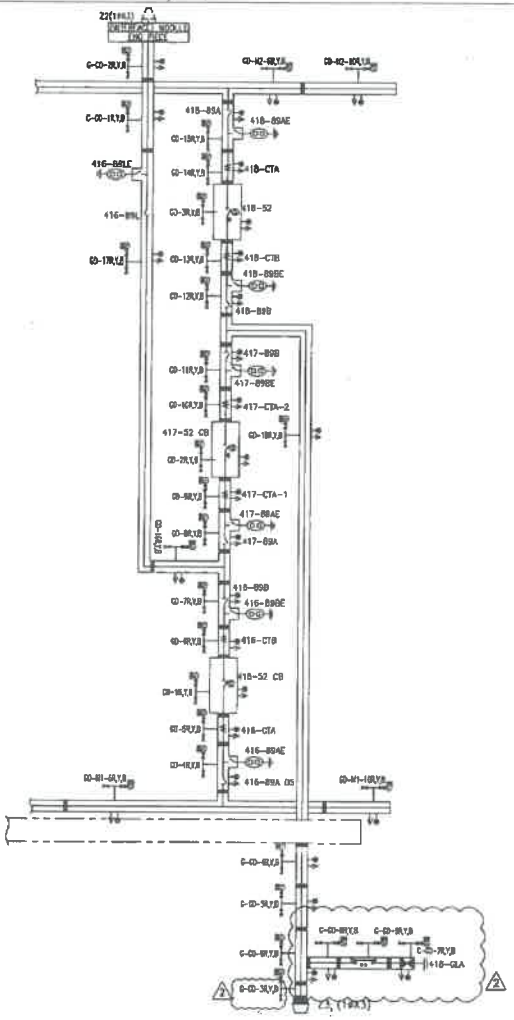
248 115

CLIENT: POWER GRID CORPORATION OF INDIA LTD.
LEAD PARTNER OF JV: KEC INTERNATIONAL LIMITED
OTHER PARTNER OF JV: HYOSUNG T&D INDIA PVT LTD.
WORK/ SUPPLY: CC-CS/[illegible] DATE: [illegible]
WORK: CC-CS/[illegible] DATE: 25/08/2022
SPEC NO: [illegible]
PROJECT: [illegible]
SUBJECT: 400/220/33 KV(GIS) GIS DIGITAL SUBSTATION
TITLE: 220kV MAHBUB SUBSTATION GAS SYSTEM DIAGRAM
DRAWING: ELECTRICAL SUBSTATION
DRG. NO: H-101848002A-A0641
SCALE: NTS
REV: 0


BAY DESIGNATION
402
401
404R
405
404
408
407
409R
411
410
414
413
BAY DESCRIPTION
MAGARWADA LINE-I
TIE BAY-I
125MVAR BUS REACTOR
63MVAR SWITCHABLE
LINE REACTOR-I
MAGARWADA LINE-II
TIE BAY-II
KALA LINE-I
KALA LINE-II
TIE BAY-III
400/220,500MVA ICT-I
63MVAR SWITCHABLE
LINE REACTOR-II
765/400, 500MVA ICT-I
TIE BAY-IV
400/220,500MVA ICT-II
BUS VT
765/400, 500MVA ICT-II
TIE BAY-V
400/220, 500MVA ICT-III
BAY CIRCUIT
MAIN BUS-II
400kV, 4000A, 50Hz,
3PH, 63kA FOR 1SEC
MAIN BUS-I
400kV, 4000A, 50Hz,
3PH, 63kA FOR 1SEC
Z1 (1Φ X3)
Z2 (1Φ X3)
Z3 (1Φ X3)
SPARE ICT
POWER GRID CORPORATION OF INDIA LTD.
Approved
249
TECHNICAL DATA
LEGEND
SYMBOL
DESCRIPTION
SPECIFICATION FOR PRESSURE RELIFE DEVICE (PRD)
DESCRIPTION | PRD FOR GIS
SIZE | 150MM DIA.
BURSTING PRESSURE | 1.2±0.06MPa
MATERIAL | STAINLESS STEEL
APPLICABLE FLUID | SF6 GAS
SPECIFICATIONS FOR STATIC FILTER(ADSORBENT)
DESCRIPTION | STATIC FILTER
TYPE | ZEOLITE
LOCATION | EACH GAS COMPARTMENT
HYOSUNG REFERENCE DRAWINGS
SINGLE LINE | SINGLE LINE DIAGRAM WITH CT & DATA : HI-101848004A-AD1-01
LAYOUT | LAYOUT FOR GIB : HI-101848004A-AD2-01
LAYOUT FOR GIS : HI-101848004A-AD2-02
NOTES
1. RATED SF6 GAS PRESSURE
- DIRCUIT BREAKER WITHOUT PIR COMPARTMENT : 0.71 MPa.G at 20°C
- OTHERS COMPARTMENT : 0.51 MPa.G at 20°C
ARE PRESSURE
2. PRESSURE SETTING OF GD AND ESTIMATED GAS QUANTITY ARE AS BELOW.
- THE PRESSURE SETTING UNIT IS BASED ON MPa.G AT 20°C.
3. TOTAL SF6 GAS QUANTITY: 34.435kg
4. SPARE SF6 GAS QUANTITY FOR 5% OF TOTAL GAS QUANTITY (ESTIMATED): 1722kg
5. GAS THROUGH SPACER IS NOT SHOWN IN THIS DRAWING.
6. EACH GAS TIGHT COMPARTMENT SHALL BE PROVIDED WITH RUPTURE DISC
7. SEPARATE DRAWING FOR LOCATION OF INTERNAL ARC SENSOR SHALL BE SUBMITTED FOR APPROVAL.
8. PROVISION FOR DISCONNECTION (I.E. DISCONNECTING LINK ***) HAS BEEN PROVIDED FOR GIS SURGE ARRESTER.
DETAIL-A(TYPICAL) FOR GAS VALVE AND GAS PRESSURE SWITCH WITH GAUGE.
GAS PRESSURE SWITCH WITH GAUGE
GAS VALVE (NORMALLY OPENED)
GAS VALVE (NORMALLY CLOSED)
400 kV Priority Bays
CLIENT: POWER GRID CORPORATION OF INDIA LTD.
LEAD PARTNER OF JV: KEC INTERNATIONAL LIMITED
OTHER PARTNER OF JV: HYOSUNG T&D INDIA PVT LTD
PROJECT: 400/220kV NAWSARI (NEW) GIS DIGITAL SUBSTATION
TITLE: 400kV BAYWISE SUBSTATION GAS SYSTEM DIAGRAM
SCALE: NTS

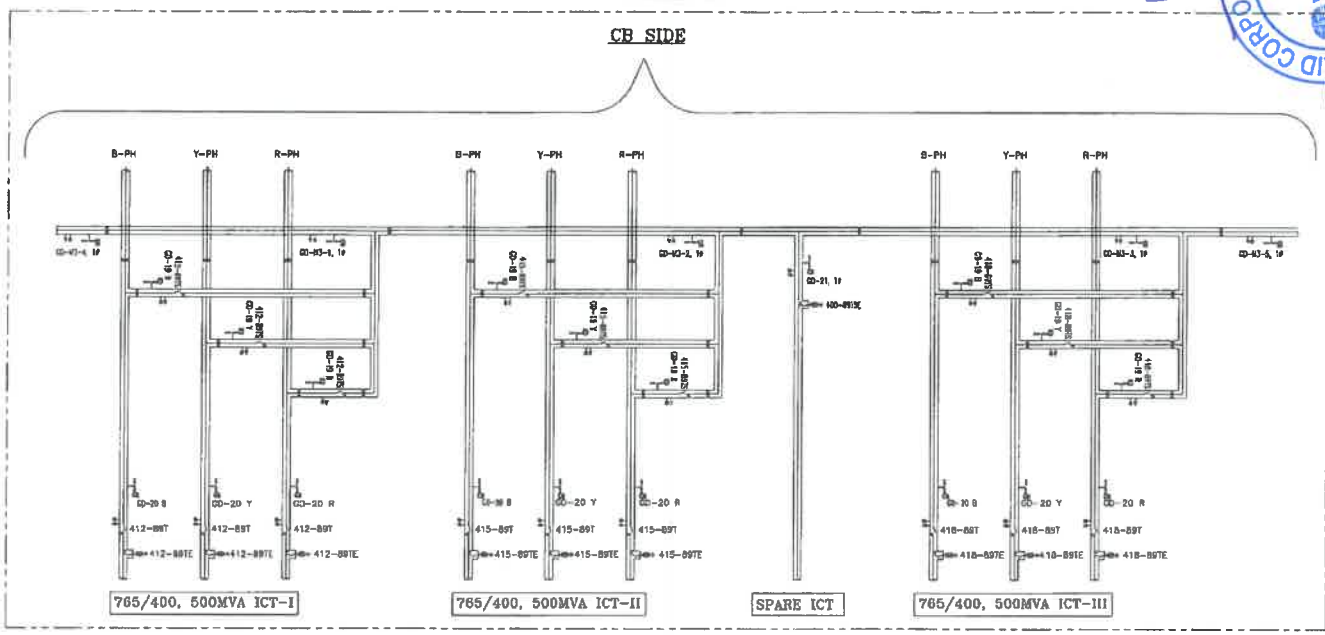
BAY DESIGNATION	417 416
BAY DESCRIPTION	765/400, 500MVA ICT-III TIE BAY-VI 400/200,500MVA ICT-IV

BAY CIRCUIT



(SINGLE PHASE)
DETAIL "A"

CB SIDE



TECHNICAL DATA

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CIRCUIT BREAKER VARIOUS PER 3Ø OPERATED CONTROLLED SWITCHING DEVICE		GAS TO OIL BUSHING FOR BUS/LINE ISOLATOR (S1)
	CIRCUIT BREAKER VARIOUS PER 3Ø OPERATED CONTROLLED SWITCHING DEVICE		BUS DUCT WITH GAS TO AIR BUSHING (S2)
	DISCONNECTING SWITCH (EARTH SWITCH OPERATED)		GAS TO OIL BUSHING FOR TRANSFORMER (S3)
	DISCONNECTING SWITCH (EARTH SWITCH OPERATED)(SINGLE PHASE OPERATION)		GAS DUCT (NORMALLY OPENED)
	DISCONNECTING SWITCH (EARTH SWITCH OPERATED)(SINGLE PHASE OPERATION) OPERATED PHASE BY PHASE OPERATION		GAS PRESSURE SWITCH WITH GAUGE
	SWITCHGEAR EARTHING SWITCH (EARTH SWITCH OPERATED)		GAS TIGHT SPACER (GAS/GAS)
	SWITCHGEAR EARTHING SWITCH (EARTH SWITCH OPERATED) (SINGLE PHASE OPERATION)		RUPTURE DISC(PRD)
	HIGH SPEED EARTHING SWITCH (WITH MAKE PROOF CAPACITY) (WITH MAKE PROOF STATIC CHARGE OPERATION)		BUSHING (GAS/OIL)
	CURRENT TRANSFORMER		LIGHTNING ARRESTER (GIS TYPE)
	VOLTAGE TRANSFORMER (OF 3Ø UNITS, ENCLOSURE EARTHED)		

SPECIFICATION FOR PRESSURE RELIEF DEVICE (PRD)

DESCRIPTION	PRD FOR GIS
SIZE	150MM DIA.
BURSTING PRESSURE	1.2±0.06MPa
MATERIAL	STAINLESS STEEL
APPLICABLE FLUID	SF6 GAS

SPECIFICATIONS FOR STATIC FILTER(ADSORBENT)

DESCRIPTION	STATIC FILTER
TYPE	ZEOLITE
LOCATION	EACH GAS COMPARTMENT

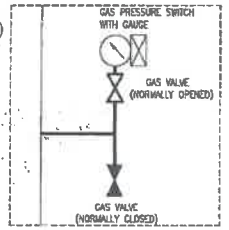
HYOSUNG REFERENCE DRAWINGS

SINGLE LINE	SINGLE LINE DIAGRAM WITH CT & DATA	HI-1016480064-A01-01
LAYOUT	LAYOUT FOR GIS	HI-1016480064-A02-01
	LAYOUT FOR GIS	HI-1016480064-A02-02
GAS SYSTEM	GAS SYSTEM DIAGRAM	HI-1016480064-A08-01

NOTES

1. RATED SF6 GAS PRESSURE
   - CIRCUIT BREAKER WITHOUT PIR COMPARTMENT : 0.71 MPa.G at 20°C
   - OTHERS COMPARTMENT : 0.51 MPa.G at 20°C
   ~~AUX.BS COMPARTMENT : 0.63 MPa.G at 20°C~~
2. PRESSURE SETTING OF GD AND ESTIMATED GAS QUANTITY ARE AS BELOW.
   - THE PRESSURE SETTING UNIT IS BASED ON MPa.G AT 20°C.
3. TOTAL SF6 GAS QUANTITY: 34,425kg
4. SPARE SF6 GAS QUANTITY FOR 5% OF TOTAL GAS QUANTITY (ESTIMATED): 1722kg
5. GAS THROUGH SPACER IS NOT SHOWN IN THIS DRAWING.
6. EACH GAS TIGHT COMPARTMENT SHALL BE PROVIDED WITH RUPTURE DISC GAS TIGHT TYPE, METAL FILTER, PRESSURE SWITCH, GAUGE.
7. SEPARATE DRAWING FOR LOCATION OF INTERNAL UHF SENSOR SHALL BE SUBMITTED FOR APPROVAL.
8. PROVISION FOR DISCONNECTION (I.E. DISCONNECTING LINK **) HAS BEEN PROVIDED FOR GIS SURGE ARRESTER.

DETAIL-A(TYPICAL) FOR GAS VALVE AND GAS PRESSURE SWITCH WITH GAUGE



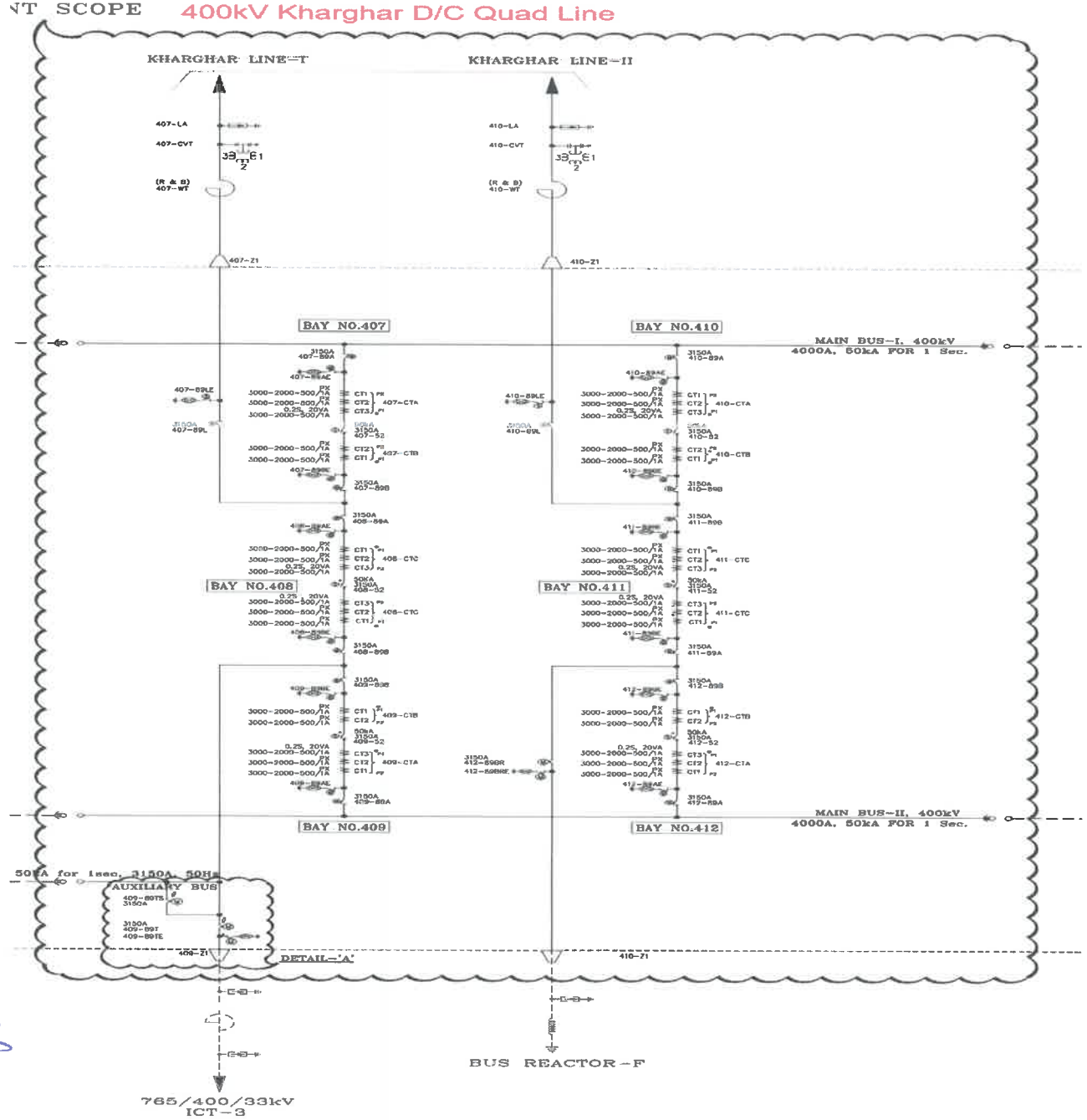
CLIENT: POWER GRID CORPORATION OF INDIA LTD.
LEAD PARTNER OF JV: NEC INTERNATIONAL LIMITED
OTHER PARTNER OF JV: HYOSUNG T&D INDIA PVT LTD
PROJECT:
TITLE: KONAVARAM (NEW) GIS DIGITAL SUBSTATION
KONAVARAM SUBSTATION GAS SYSTEM DIAGRAM
S. SECTIONAL IN SUBSTATION
09-01-2023

250117

e-Base Version: 7.1.13.13
DB Version: SL-V 1.1-01-Aug-1
Sheet Version: V 1.
Last Used by: z004nwtz
Date: 14-Sep-23
Time: 5:49:40 PM

NT SCOPE

400kV Kharghar D/C Quad Line



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Extension of 765/400kV Padhge Substation 409_400kV FUTURE CB RELAY PANEL W409 06

POWER GRID CORPORATION OF INDIA LTD.

Revision	Remarks	Date	Name	Appr By	
B	Site As-Built	08-Sep-23	GG	Version	2
A	QT Corrected	29-Sep-22	SK	Drawn By	SK
0	First Submission	19-Jul-21	SK	Chkd By	MS
				Appr By	MS

Extension of 765/400kV Padhge Substation
POWER GRID CORPORATION OF INDIA LIMITED
HYOSUNG T&D INDIA PVT LTD
Orig.: Replaces: Replaced by:

SIEMENS

409_400kV FUTURE CB RELAY PANEL
Single Line Diagram-System
Wiring Schematics

Substation Package-SS46 (GIS)-Extension of 400 KV Padghe GIS S/S

W | Bus-2 VT Deselect

W40906

3007293228 | (4)G719EA-NG9036-01-W409

Sh. 06 of 61
<05|07>

E:-Base Version: 7.1.0.13(
DB Version: SL-V 1.1-08/01/201
Sheet Version: V 1
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Date: 03/18/2023
Time: 11:12:48 PM

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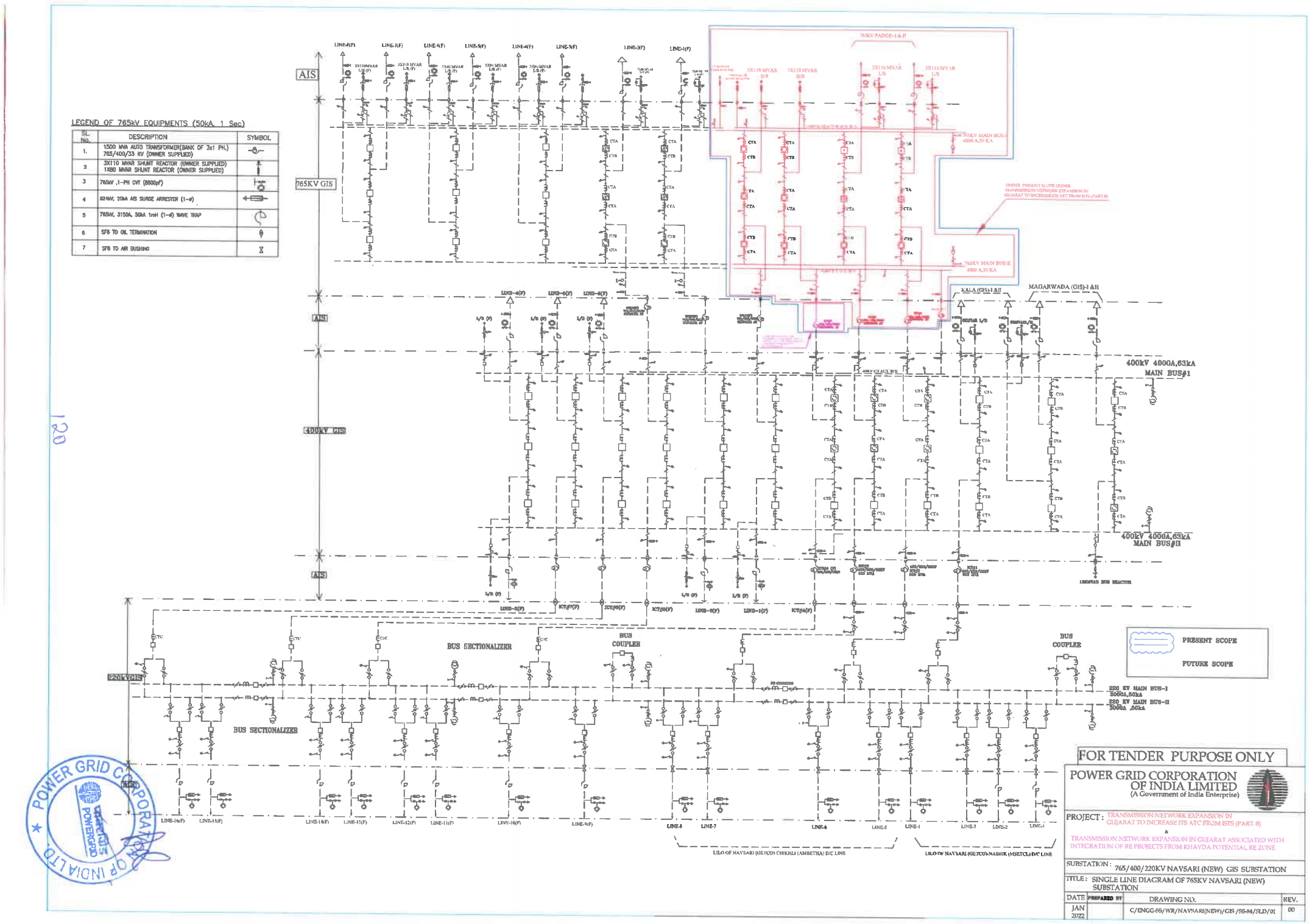
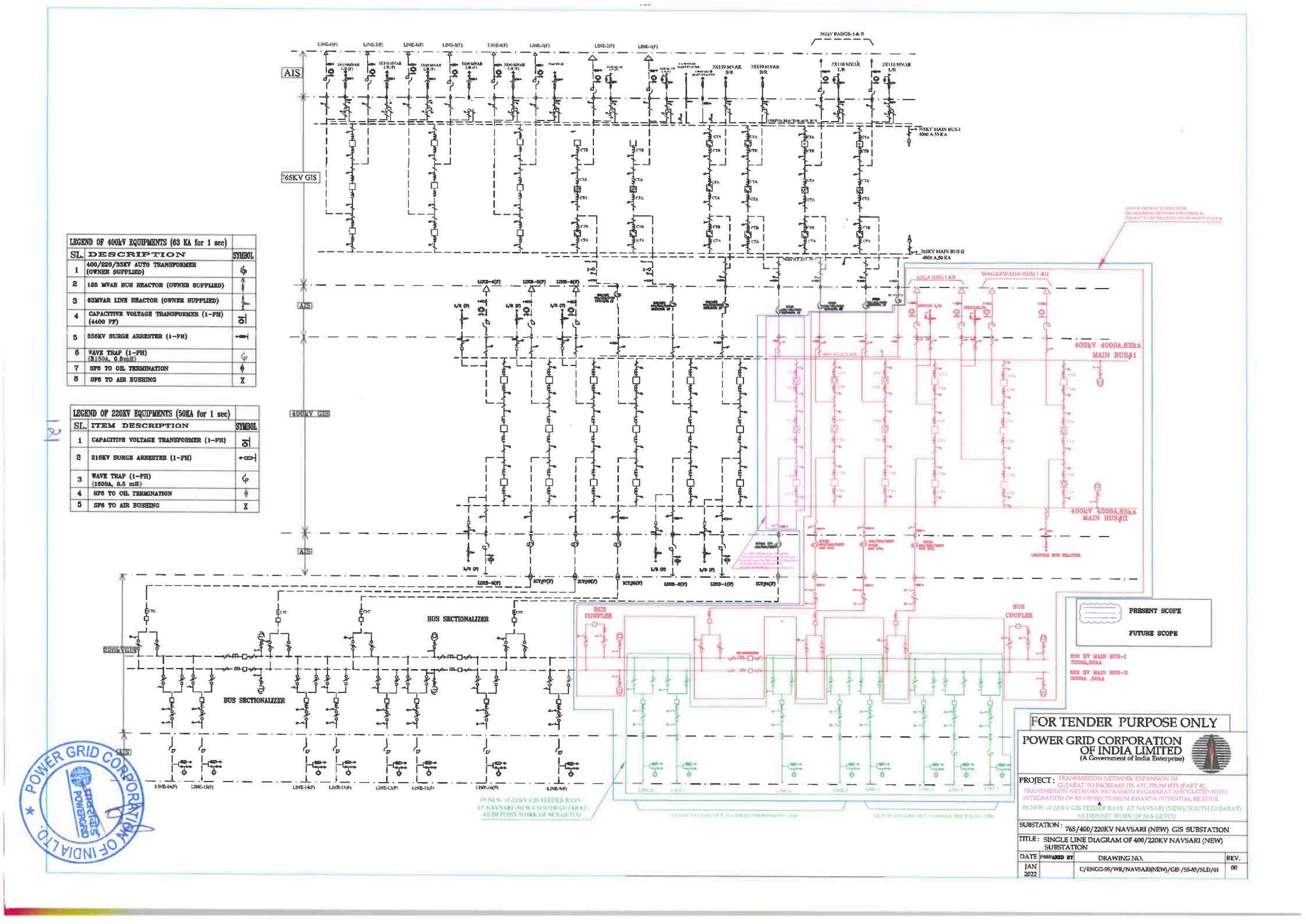
765kV GIS Padghe Extn 707_765/400kV ICT-3 HV Side W707 06

				Version	1	765kV GIS Padghe Extn	SIEMENS	707_765/400kV ICT-3 HV Side		W 7R07A	
A	Comments	02/23/2023	RPI	Drawn By	RPI	Power Grid Corporation of India Ltd.		System SLD	PGCIL SS-84 Navsari (Process Bus)		W70706
0	First Submission	11/04/2022	RPI	Chkd By	DIK	KEC International Ltd.					Sh. 06 of 67
Revision	Remarks	Date	Name	Appr By	AMY	Orig.: Replaces:	Replaced by:	Wiring Schematics	3008042090	(3)G719EA-OG9226-00-W707	<05|07>


LEGEND OF 765kV EQUIPMENTS (50kA, 1 Sec)
SL. No.
DESCRIPTION
SYMBOL
1. 1500 MVA AUTO TRANSFORMER(BANK OF 3x1 PH.) 765/400/33 KV (OWNER SUPPLIED)
2 3X110 MVAR SHUNT REACTOR (OWNER SUPPLIED) 1X80 MVAR SHUNT REACTOR (OWNER SUPPLIED)
3 765kV ,1-PH CVT (8800pF)
4 624kV, 20kA AIS SURGE ARRESTER (1-ø)
5 765kV, 3150A, 50kA 1mH (1-ø) WAVE TRAP
6 SF6 TO OIL TERMINATION
7 SF6 TO AIR BUSHING
AIS
765KV GIS
400KV GIS
220KV GIS
765KV PADGE- I & II
765KV MAIN BUS-I 4000 A,50 KA
765kV MAIN BUS-II 4000 A,50 KA
UNDER PRESENT SCOPE UNDER TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ITS ATC FROM ISTS (PART-B)
KALA (GIS)-I &II
MAGARWADA (GIS)-I &II
400kV 4000A,63kA MAIN BUS#1
400kV 4000A,63kA MAIN BUS#II
BUS SECTIONALIZER
BUS COUPLER
PRESENT SCOPE
FUTURE SCOPE
220 kV MAIN BUS-I 3000A,50kA
220 kV MAIN BUS-II 3000A ,50ka
LILO OF NAVSARI (GETCO)-CHIKHLI (AMBETHA) D/C LINE
LILO OF NAVSARI (GETCO)-NASHIK (MSETCL) D/C LINE
FOR TENDER PURPOSE ONLY
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
PROJECT : TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ITS ATC FROM ISTS (PART-B)
&
TRANSMISSION NETWORK EXPANSION IN GUJARAT ASSOCIATED WITH INTEGRATION OF RE PROJECTS FROM KHAVDA POTENTIAL RE ZONE
SUBSTATION : 765/400/220KV NAVSARI (NEW) GIS SUBSTATION
TITLE : SINGLE LINE DIAGRAM OF 765KV NAVSARI (NEW) SUBSTATION
DATE JAN 2022
PREPARED BY
DRAWING NO. C/ENGG-SS/WR/NAVSARI(NEW)/GIS /SS-84/SLD/01
REV. 00
POWER GRID CORPORATION OF INDIA LTD



LEGEND OF 400kV EQUIPMENTS (63 KA for 1 sec)		
SL.	DESCRIPTION	SYMBOL
1	400/220/33KV AUTO TRANSFORMER (OWNER SUPPLIED)	
2	125 MVAR BUS REACTOR (OWNER SUPPLIED)	
3	63MVAR LINE REACTOR (OWNER SUPPLIED)	
4	CAPACITIVE VOLTAGE TRANSFORMER (1-PH) (4400 PF)	
5	336KV SURGE ARRESTER (1-PH)	
6	WAVE TRAP (1-PH) (3150A, 0.5mH)	
7	SF6 TO OIL TERMINATION	
8	SF6 TO AIR BUSHING	

LEGEND OF 220KV EQUIPMENTS (50KA for 1 sec)		
SL.	ITEM DESCRIPTION	SYMBOL
1	CAPACITIVE VOLTAGE TRANSFORMER (1-PH)	
2	216KV SURGE ARRESTER (1-PH)	
3	WAVE TRAP (1-PH) (1600A, 0.5 mH)	
4	SF6 TO OIL TERMINATION	
5	SF6 TO AIR BUSHING	

FOR TENDER PURPOSE ONLY

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

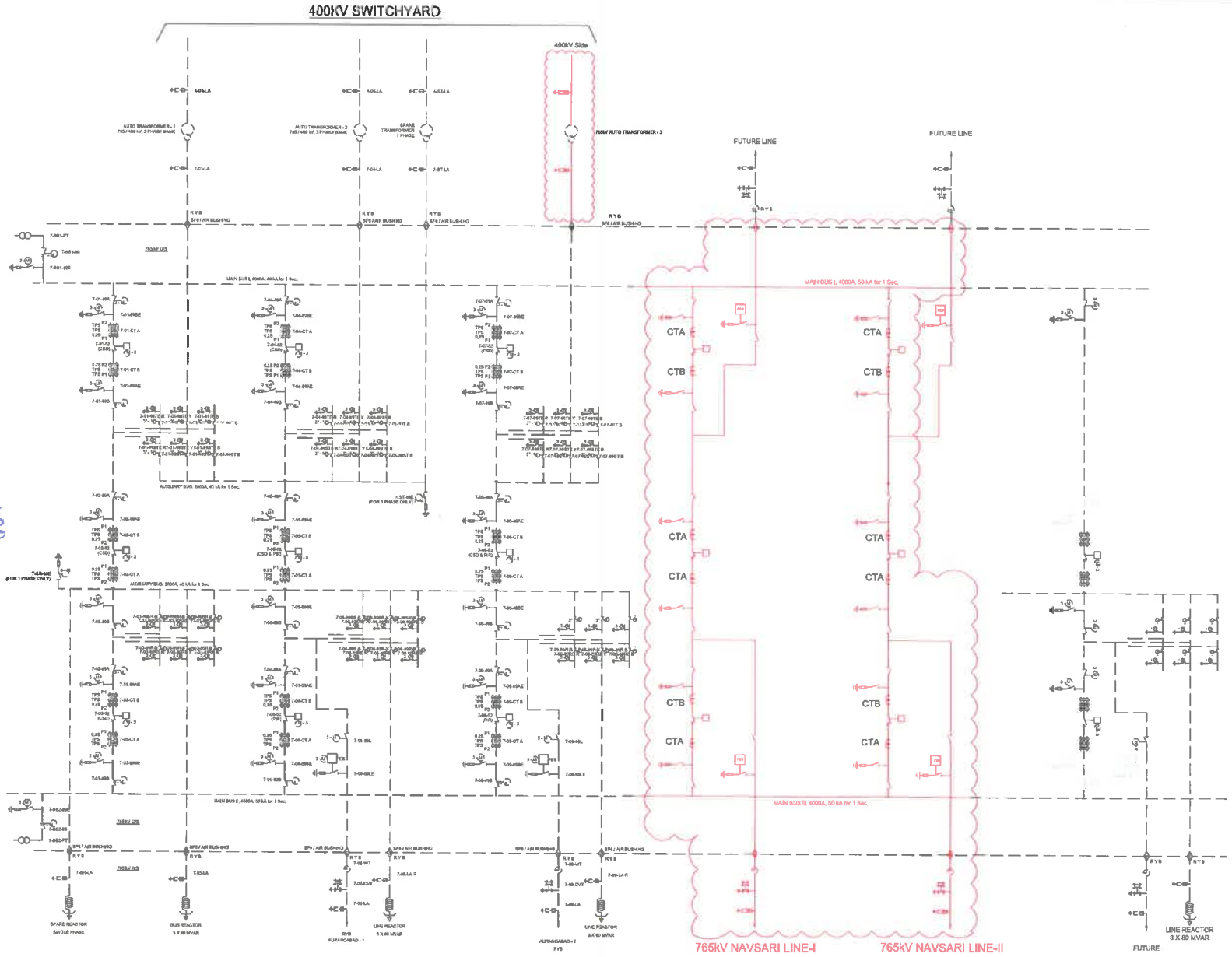
PROJECT : TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ITS ATC FROM ISTS (PART-B) .
TRANSMISSION NETWORK EXPANSION IN GUJARAT ASSOCIATED WITH INTEGRATION OF RE PROJECTS FROM KHAVDA POTENTIAL RE ZONE
&
08 NOS. of 220kV GIS FEEDER BAYS AT NAVSARI (NEW)(SOUTH GUJARAT) AS DEPOSIT WORK OF M/S GETCO

SUBSTATION : 765/400/220KV NAVSARI (NEW) GIS SUBSTATION

TITLE : SINGLE LINE DIAGRAM OF 400/220KV NAVSARI (NEW) SUBSTATION

DATE	PREPARED BY	DRAWING NO.	REV.
JAN 2022		C/ENGG-SS/WR/NAVSARI(NEW)/GIS /SS-85/SLD/01	00

POWER GRID CORPORATION OF INDIA LTD.



NOTE-

1. TO BE REFERRED FOR PRESENT SCOPE ONLY.

PRESENT SCOPE

EXISTING/FUTURE

FOR TENDER PURPOSE ONLY

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

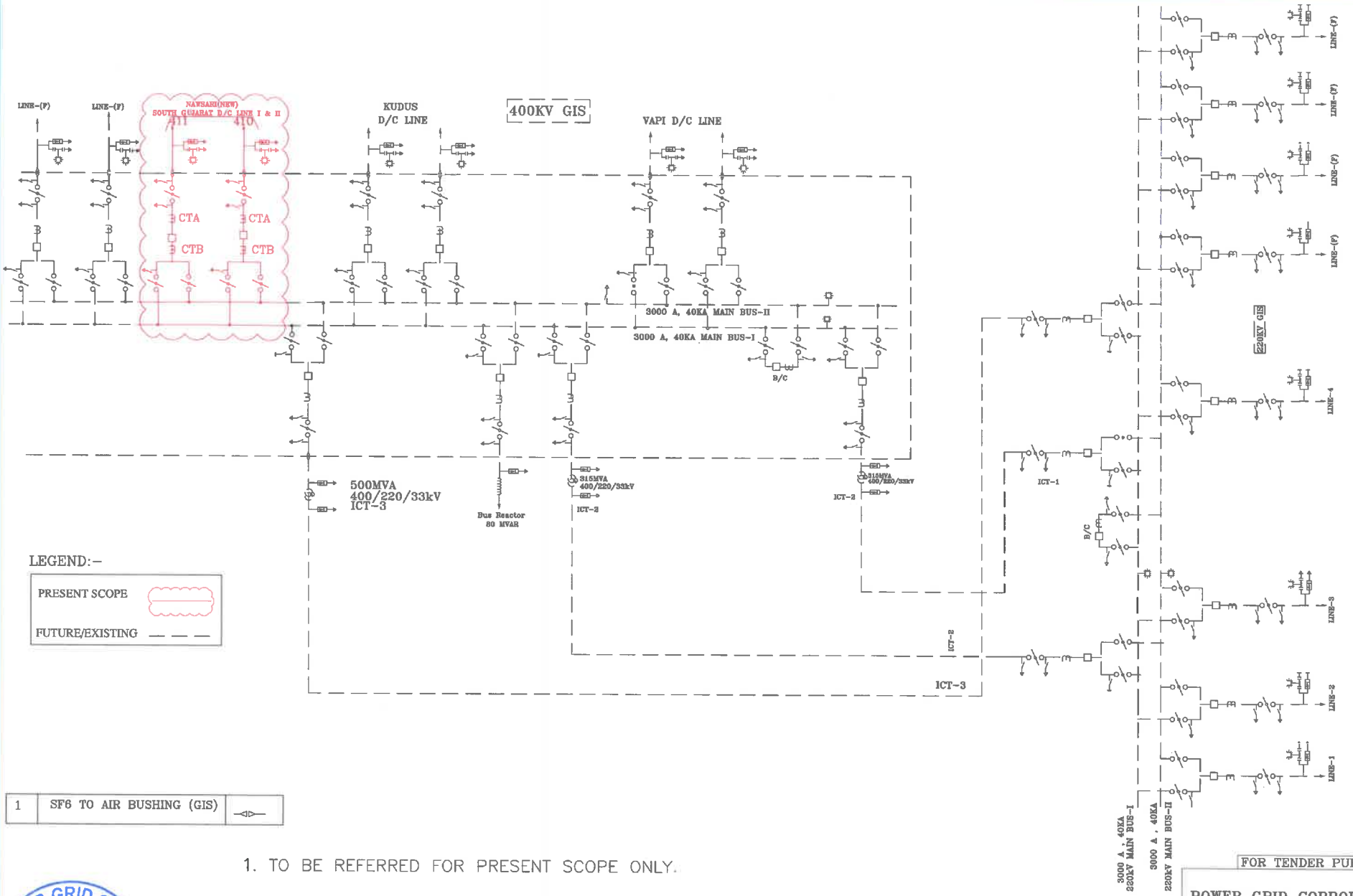
PROJECT-TRANSSMISSION NETWORK EXPANSION IN GUJARAT TO INCREARE ITS ATC FROM ISTS(PART-B)

SUBSTATION 765/400kV Padghe (EXTN.) GIS Sub-station

TITLE : 765/400kV SINGLE LINE DIAGRAM

DATE	DRAWING NO.	SCALE	REV.
	C/ENGG-SS/WR/ PADGHE EXTN./SLD/01	N.T.S	00

POWER GRID CORPORATION OF INDIA LTD.



1	SF6 TO AIR BUSHING (GIS)	◁▷

1. TO BE REFERRED FOR PRESENT SCOPE ONLY.

POWER GRID CORPORATION OF INDIA LTD.

FOR TENDER PURPOSE ONLY

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

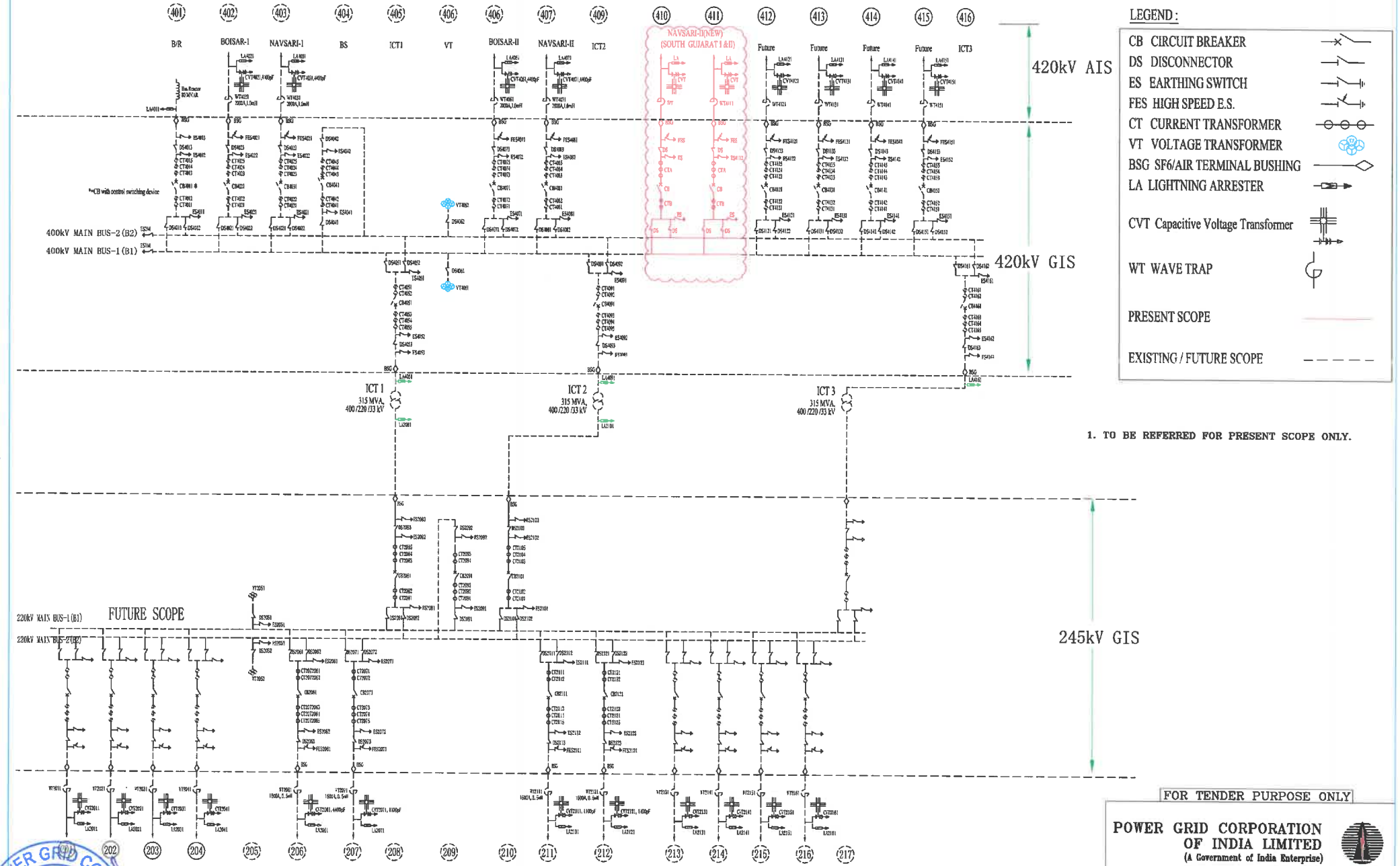
PROJECT–TRANSSMISSION NETWORK EXPANSION IN GUJARAT TO INCREARE ITS ATC FROM ISTS(PART–B)

SUBSTATION
EXTENSION OF 400kV KALA UT DNH (GIS) STATION

TITLE : SINGLE LINE DIAGRAM OF 400KV KALA (EXTN.)

DRAWN	DATE	DRAWING NO.	REV.
		C/ENGG/WR/KALA/400KV/SLD/01	00

123



LEGEND :

CB	CIRCUIT BREAKER
DS	DISCONNECTOR
ES	EARTHING SWITCH
FES	HIGH SPEED E.S.
CT	CURRENT TRANSFORMER
VT	VOLTAGE TRANSFORMER
BSG	SF6/AIR TERMINAL BUSHING
LA	LIGHTNING ARRESTER
CVT	Capacitive Voltage Transformer
WT	WAVE TRAP
	PRESENT SCOPE
	EXISTING / FUTURE SCOPE

1. TO BE REFERRED FOR PRESENT SCOPE ONLY.

FOR TENDER PURPOSE ONLY

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

PROJECT–TRANSSMISSION NETWORK EXPANSION IN GUJARAT TO INCREARE ITS ATC FROM ISTS(PART–B)

SUBSTATION
400/220 KV GIS SUBSTATION AT MAGARWADA

TITLE : SINGLE LINE DIAGRAM OF 400KV MAGARWADA

DRAWN	DATE	DRAWING NO.	REV.
		C/ENGG/WR/MAGARWADA/400KV/SLD/01	00

POWER GRID CORPORATION OF INDIA LTD.

Encl-8

Annexure II

सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड
CENTRAL TRANSMISSION UTILITY OF INDIA LIMITED

(Wholly Owned Subsidiary of Power Grid Corporation of India Limited)
(A Government of India Enterprise)

Ref.: C/CTU/W/03/NCT

16th November 2021

Sh. Ishan Sharan
Chief Engineer & Member Secretary (NCT)
Central Electricity Authority
Sewa Bhawan, R.K.Puram,
New Delhi-110 066.

Sub: New ISTS for deliberations in the NCT meeting– reg.

Sir,

The "System Strengthening in Gujarat associated with the integration of RE projects from Khavda potential REZ" was agreed in the 3rd meeting of WRPC(TP) held on 14.06.2021 as per the scope of work mentioned at **Annexure-I.** The scheme was further deliberated in the 5th NCT meeting held on 25.08.2021 & 02.09.2021 wherein based on observations received from GETCO regarding shifting the location of the substation from Kosamba to South Gujarat, it was decided to review the scheme.

Subsequently, based on inputs received from GETCO, the scheme was further deliberated amongst CEA, CTU, POSOCO & GETCO in the 1st Joint Study Meeting on Transmission Planning for Western Region held on 05.11.2021 and it was decided to phase the schemes with minor modifications based on ATC requirement of GETCO as well as system strengthening requirements associated with the integration of RE projects from Khavda potential RE zone as per details given at **Annexure-II {a[(ii) & (iii)] and b}**. Further, to meet short-term ATC requirements of Gujarat, 3rd 765/400kV ICT at Vadodara [**Annexure-II a(i)]** was also agreed in the above meeting.

In this regard, it is to mention that in a meeting held on 02.11.2021 at MoP (copy of MOM enclosed) regarding resource adequacy plan for the state of Gujarat, Transmission Network Expansion schemes involving 3rd 765/400kV ICT at Vadodara S/s and network augmentation in South Gujarat were decided to be implemented in a compressed schedule to meet the short term as well as long term ATC requirements of the state of Gujarat.

Accordingly, the "Transmission Network Expansion in Gujarat to increase its ATC from ISTS (Part A)" scheme, covering 3rd 765/400kV ICT at Vadodara has been approved by CTU with the compressed implementation time-frame of Apr'22 under RTM to the original asset owner (POWERGRID). Further, the 765/400/220kV Navsari (New) S/s in South Gujarat and associated transmission system has been planned under "Transmission Network Expansion in Gujarat to increase its ATC from ISTS (Part B)" scheme with a compressed schedule of Jun'23 [i.e. implementation time frame of 15 months with 3 months time for the award from Dec'21].

In view of the above, it is suggested that the "Transmission Network Expansion in Gujarat to increase its ATC from ISTS (Part B & C)" and "Transmission Network Expansion in Gujarat associated with the integration of RE projects from Khavda potential RE zone" as mentioned in Annexure-II may be taken up for deliberations/recommendations/approval in the NCT meeting in Nov'21.

Thanking you,

Yours faithfully,

(Partha Sarathi Das)
Sr. General Manager

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Copy to:

1. **Member Secretary** Western Regional Power Comm ttee MIDC Area, Marol, Andheri East Mumbai 400 093	2. **Managing Director** Gujarat Energy Transmission Corp. Ltd, Sardar Patel Vidyut Bhawan, Race Course, Vadodara -390 007
3. **Director (Operation)** Maharashtra State Electricity Tra nsmission Co. Ltd., 4th Floor, "Prakashganga", Plot No. C-19, E-Block, Bandra – Kurla Complex, Bandra (East), Mumbai- 400051	4. **Director (SO)** POSOCO 9th Floor, IFCI Towers, 61, Nehru Place, New Delhi – 110019
5. **Chief General Manager (I/c)** Western Regional Load Despatc n Centre F-3, M.I.D.C. Area, Marol, Andheri East, Mumbai-400 093	

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Annexure III

सं. 22-1306/32/2021-ओएम
भारतसरकार
Government of India
विद्युत् मंत्रालय
Ministry of Power
श्रमशक्तिभवन, रफ़ीमार्ग, नयीदिल्ली-110 001
Shram Shakti Bhawan, Rafi Marg, New Delhi-110 001

Dated 08th November, 2021

OFFICE MEMORANDUM

Subject:- Minutes of the meeting taken by Secretary (P) on 2nd November, 2021 regarding to discuss the Resource Adequacy Plan.-reg.

****

Please find enclosed herewith a copy of the minutes of the meeting on the above subject held on 02.11.2020 under the Chairmanship of Secretary (P) for necessary action.

Encl: as above

8/11/2021
for Under Secretary (OM)
Tele/Fax: 23719229
Email id:-opmonitor-power@nic.in

Distribution: As per list annexed

Copy to:

Sr. PPS to Secy (P)/PPS to AS(VKD)/ Sr. PPS to JS (OM)/PS to Chief Engineer(SKK)/PS to DS (OM)

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Minutes of the meeting held on 02.11.2021 on Resource Adequacy Plan

A meeting was held under the chairmanship of Secretary (P) to discuss the issues related to Resource Adequacy Plan for the State of Gujarat. Gujarat has submitted to increase the available transfer capacity (ATC) to draw more power from outside the State.

2. Gujarat had suggested to work out differential ATC in different time slots that is Solar hours and non-solar hours. This issue has been resolved in consultation with WRLDC and accordingly the drawl ATC limit of Gujarat has been increased to 9900 MW during non-solar hours and 9500 MW during solar hours.

3. In addition to this Gujarat had suggested for reverse power flow on ± 500 kV Mundra-Mohindergarh HVDC line. This issue was deliberated and POSOCO informed that at present they are operating this link on floating mode (i.e. zero power flow) in order to maximize the ATC for Gujarat. on attempt to reverse the flow, the failures of equipment was observed at Mohindergarh S/S. The representative of Adani Transmission Limited (ATL) inform that the failure occur three times and at present the order for the equipment has been placed with SEIMENS. The delivery is expected in 5-6 months. M/s ATL has also been advised to analyse the reasons for repeated failure of this equipment. M/s ATL should expedite the procurement of spare parts. The reversal of Power flow should start from April 2022.

[Action : M/s ATL]

4. Gujarat has also suggested LILO of 400 kV s/c Vadavi-Zerda line at 765 kV Banaskantha (PG) substation. The interim arrangement of LILO of this line should be completed by February, 2022 and the commissioning of the bay at Banaskantha by POWERGRID should be expedited and commissioned by May, 2022. **[Action: Powergrid]**

5. Gujarat has further suggested to augment a 3rd ICT of 1500 MVA at 765 kV Vadodara sub-station. Since this project cost is less than 100 crore, it has to be expeditiously approved by CTU before 30th November, 2021 and POWERGRID should commission this on an urgent basis by April, 2022. **[Action: CTU/Powergrid]**

6. Under the long term measures Gujarat has suggested expeditious implementation of following sub-stations planned as a part of Khavda RE Park:

(i) 765/400 kV Ahmedabad substation
(ii) 765/400/220 kV Kosamba substation in South Gujarat area

Since these sub-station are at planning stage. NCT must meet in November, 2021 to consider these sub-stations. The work may be given in Regulated Tariff Mechanism to POWERGRID and compressed time schedule latest by 15th December, 2021.

[Action : CTU/NCT]

7. The suggestions given by Gujarat and its implementation as per the timelines above will enable ATC to increase from 10,000 MW to 13,000 MW, which would be sufficient to meet the demand of Gujarat upto 2023. Gujarat had not submitted any proposal so far to meet the future requirement beyond 2023.

POWER GRID CORPORATION OF INDIA LTD.

8. Gujarat was requested to work out a long term plan for at least 5-6 years so that the augmentation of transmission line can be planned and implemented ahead of the requirement. Secretary (P) will review the long term plans of Gujarat in December, 2021.

[Action: Govt. of Gujarat]

9. Gujarat also requested to operationalize Sardar Sarovar Plant in the pump storage mode around 1200 MW during peak hours. It was informed that Madhya Pradesh had certain issues w.r.t. this which needs to be resolved. A meeting at the level of Secretary (P) will be convened in this regard. Gujarat informed that in order to meet their future demand, they are also planning for energy storage system, solarisation of agriculture feeders etc.

[Action : Gujarat]

10. It was also suggested that Gujarat can also avail the RE bundling scheme of MoP to save coal and also for reduction in the cost of Power.

[Action : Govt. of Gujarat]

The meeting ended with a Vote of Thanks to the Chair.

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POWER GRID CORPORATION OF INDIA LTD.
पावरग्रिड POWERGRID

End-9

Government of India
Central Electricity Authority
Regional Inspectorial Organisation
Ground Floor, WRPC Building, F-3, MIDC Area
Marol, Andheri (East), Mumbai 400 093

No. WRIO/MH/A-13914/2024 **Dated:28/06/2024**

To,
M/s Power Grid Corporation of India Ltd,
765/400KV GIS Substation, Village Khanivali,
Vashind, Ambadi Road, Tal- Bhiwandi.

Approval for Energization

Subject: - Inspection of electrical installations in the premises of M/s Power Grid Corporation of India Ltd, 765/400KV GIS Substation, Village-Khanivali, Vashind, Ambadi Road, Tal- Bhiwandi under regulation 45 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2023.

Reference: (1) Application No.A/2024/13914, Dated: 11/06/2024.
(2) Inspection report of this office dated 27/06/2023.
(3) Compliance received on Date 28/06/2024.

Whereas the inspection of electrical installations in the premises of M/S Power Grid Corporation of India Ltd, 765/400KV GIS Substation, Village-Khanivali, Vashind, Ambadi Road, Tal-Bhiwandi was carried out on 27th June, 2024 by the undersigned under regulation 45 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2023.

Approval for Energization of the said electrical installation/apparatus (Details being enclosed as Annexure) is hereby accorded subject to following conditions:

1. M/s Power Grid Corporation of India Ltd shall ensure to have all other requisite clearances/NOCs from Government and Local bodies, as applicable, before energization.
2. Adherence to relevant provisions of Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023 shall be ensured by M/s Power Grid Corporation of India Ltd for safety during operation and maintenance.

The periodic inspections may be carried out at an interval 5 years from the date of last inspection. The application shall be filed by the applicant at least 6 months in advance so that compliance and final approval is granted on time. This periodicity is subject to change by Govt order/notification.

28/06/2024

(ISLAVATH PRATHAP KUMAR)
Deputy Director
For Chief Electrical Inspector
to the Govt. of India

Copy to: Chief Engineer (EI), CEA, 3rd Floor, NRPC Building, Katwaria Sarai, New Delhi.

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Annexure

400kV GIS ICT - III BAY 409

Equipment Description	Equipment ID	Phase	SR.NO	MAKE	Qty	Remark
CT	409-CTA	R-Core-1,Core-2,Core-3	IN211417-13, IN211417-16, IN211418-04	Hyosung	3	
		Y-Core-1,Core-2,Core-3	IN211417-14, IN211417-17, IN211418-05			
		B-Core-1,Core-2,Core-3	IN211417-15, IN211417-18, IN211418-06			
CT	409-CTB	R-Core-1,Core-2	IN211417-19, IN211417-22	Hyosung	3	
		Y-Core-1,Core-2	IN211417-20, IN211417-23			
		B-Core-1,Core-2	IN211417-21, IN211417-24			
CB	409-52-CB	R	10172421-0283	Hyosung	1	
		Y	10172421-0283			
		B	10172421-0283			
Disconnector Switch	409-89A	R	10172421-0283	Hyosung	1	
		Y	10172421-0283			
		B	10172421-0283			
Earth Switch	409-89AE	R	10172421-0283	Hyosung	1	
		Y	10172421-0283			
		B	10172421-0283			
Disconnector Switch	409-89B	R	10172421-0283	Hyosung	1	
		Y	10172421-0283			
		B	10172421-0283			
Earth Switch	409-89BE	R	10172421-0283	Hyosung	1	
		Y	10172421-0283			
		B	10172421-0283			
Disconnector Switch	409-89TS	R	10172421-0283	Hyosung	1	
		Y	10172421-0283			
		B	10172421-0283			
Disconnector Switch	409-89T	R	10172421-0283	Hyosung	1	
		Y	10172421-0283			
		B	10172421-0283			
Earth Switch	409-89TE	R	10172421-0283	Hyosung	1	
		Y	10172421-0283			
		B	10172421-0283			

POWER GRID CORPORATION OF INDIA LTD.

28/06/2024

ICT - III

Equipment Description	Equipment ID	Phase	SR.NO	MAKE	Qty	Remark
ICT	ICT-III	R ph	6008192	BHEL	1	
ICT	ICT-III	Y ph	6008193	BHEL	1	
ICT	ICT-III	B ph	6008194	BHEL	1	

25/06/2024

POWER GRID CORPORATION OF INDIA LTD. ★ पावरग्रिड POWERGRID

765kV GIS ICT - III BAY 707

Equipment Description	Equipment ID	Phase	SR.NO	MAKE	Qty	Remark
CT	707-CTA	R-Core-1,Core-2,Core-3		NHVS	3	
		Y-Core-1,Core-2,Core-3				
		B-Core-1,Core-2,Core-3				
CT	707-CTB	R-Core-1,Core-2		NHVS	3	
		Y-Core-1,Core-2				
		B-Core-1,Core-2				
CB	707-52-CB	R		NHVS	1	
		Y				
		B				
Disconnector Switch	707-89A	R		NHVS	1	
		Y				
		B				
Earth Switch	707-89AE	R		NHVS	1	
		Y				
		B				
Disconnector Switch	707-89B	R		NHVS	1	
		Y				
		B				
Earth Switch	707-89BE	R		NHVS	1	
		Y				
		B				
Disconnector Switch	707-89ST	R		NHVS	1	
		Y				
		B				
Earth Switch	707-89STE	R		NHVS	1	
		Y				
		B				
Disconnector Switch	707-89T	R		NHVS	1	
		Y				
		B				
Earth Switch	707-89TE	R		NHVS	1	
		Y				
		B				

Prathapraj 28/06/2024

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Government of India Enterprise)

पश्चिम क्षेत्रीय भार प्रेषण केन्द्र
एफ-3, सेन्ट्रल रोड, एम्.आई.डी.सी. एरिया, मरोल, अन्धेरी (पूर्व), मुंबई - 400 093.
दूरभाष : 022-28202690 • फैक्स : 022-28235434, 28202630 • ई-मेल : wrldc@posoco.in
WESTERN REGIONAL LOAD DESPATCH CENTRE
F-3, Central Road, MIDC Area, Marol, Andheri (East), Mumbai – 400 093.
Phone : 022-28202690 • Telefax : 28235434, 28202630 • E-mail : wrldc@posoco.in
CIN : U40105DL2009GOI188682

संदर्भ संख्या / Ref. No. **Certificate Number: WRLDC/ WR-1/60B-R1** **Date: 19/01/2018**

Certificate of Completion of Trial Operation of Transmission Element(s)/bay(s)

Reference:

i. WRTS-1 & MSETCL Communication (email) dated 18.12.17 & 19.12.17 (Format-I and IA)
ii. WRLDC Communication to WRTS-1/MSLDC dated 20.12.17 (Format-II-Acknowledgement)
iii. WRTS-1 emails dated 22.12.17, 25.12.17, 27.12.17(Formats-III,IIIA,IIIB,IIIC,IIID)
iv. WRLDC Communication to WRTS-1/MSETCL dated 22.12.17,27.12.17, 28.12.17(Provisional Approval)
v. WRTS-1 request for charging & trial operation of lines during 27th to 29th Dec 2017
vi. Codes from WRLDC to WRTS-1/MSETCL on during 27th to 30th Dec 2017 for charging & trial operation
vii. Communication (email) dated 04.01.18, 12.01.18, 13.01.18, from WRTS-1 [C1-C4: Post charging Doc.]
viii. Letter dated 18.01.18 from POWERGRID, Padghe S/S on Trial Operation of ICT-1&2
ix. WRLDC Certificate No WRLDC/ WR-1/ 60A-R1 dated 19.01.2018

Based on the above documents under reference, it is hereby certified that the following Transmission elements/bays have successfully completed trial operation:

Name of the Transmission Asset:	1. **765 kV 240 MVAR Padghe Bus Reactor with bays 703 & 702*** 2. **1500 MVA 765/400 kV Padghe ICT-1 with bays 701 & 403** 3. **1500 MVA 765/400 kV Padghe ICT-2 with bays 704 & 406** 4. **765 kV Padghe bay no. 707 (future bay for ICT-3)**
Owner of the Transmission Asset:	WRTS-1, POWERGRID
Date and Time of commencement of trial operation	1. 28.12.2017 10:43 hours 2. 29.12.2017 00:14 hours 3. 29.12.2017 00:14 hours 4. 28.12.2017 13:04 hours
Date and time of completion of trial operation	1. 29.12.2017 10:43 hours 2. 30.12.2017 00:14 hours 3. 30.12.2017 00:14 hours 4. 29.12.2017 13:04 hours

This certificate is being issued in accordance with Regulation 6.3A (5) of CERC (Indian Electricity Grid Code) Regulations to certify trial operation of transmission element. Usage of this certificate for any other purpose is prohibited. (*For shunt reactor & bays, MVAR flow has been considered).

NB: This certificate will supersede WRLDC Certificate Number: WRLDC/ WR-1/60B issued on 15.01.18.

V. K. Shrivastava
Executive Director

To: ED, WRTS-1, POWERGRID
Copy to: 1. Member Secretary, WRPC | 2. ED WRTS-2. | 3. ED, NLDC

वी. के. श्रीवास्तव / V. K. Shrivastava
कार्यपालक निदेशक / Executive Director
पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
POWER SYSTEM OPERATION CORPORATION LIMITED
W.R.L.D.C., MUMBAI.

ग्रिड-इंडिया GRID-INDIA
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
GRID CONTROLLER OF INDIA LIMITED
(A Government of India Enterprise)
[formerly Power System Operation Corporation Limited (POSOCO)]
पश्चिम क्षेत्रीय भार प्रेषण केन्द्र / Western Regional Load Despatch Centre
कार्यालय : एफ-3, एम. आई. डी. सी. क्षेत्र, मरोल, अंधेरी (पूर्व), मुंबई-400093
Office : F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai- 400093
CIN : U40105DL2009GOI188682, Website : www.wrldc.in, E-mail : wrldc@grid-india.in, Tel.: 022 28202690, Fax: 022 28235434, 28202630

प्रमाणपत्र संदर्भ : प.क्षे.भा.प्रे.के./WR1/113/ 807 दिनांक: 01/11/2023

पारेषण तत्वों एवं बे द्वारा सफल ट्रायल ऑपरेशन (विद्युत भार के बिना) का प्रमाण पत्र

Certificate of successful Trial Operation (without electrical load) of Transmission Element(s)/bay(s)

Reference:

i. WRTS-1 Communication (U.ID-582) dated 18-03-2023 (Format-I and IA)
ii. WRLDC Communication to WRTS-1 dated 20-03-2023 (Format-II-Acknowledgement)
iii. WRTS-1 Communication to WRLDC dated 19-07-2023 (processing related information)
iv. WRLDC Communication to WRTS-1 dated 20-07-2023 (Format-IV - 598)
v. WRTS-1 request for charging & trial operation dated 18-08-2023
vi. Code from WRLDC to WRTS-1 on 18-08-2023 for charging
vii. Communication dated 25-08-2023 from WRTS-1 [C1-C4]
viii. Communication from WRTS-1 dated 30.10.2023 on compliance of protection requirements from WRLDC [Compliance related to TR.ID-194]

Based on the above documents under reference, it is hereby certified that the following Transmission elements/bays of **WRTS-1, POWERGRID** have successfully undergone trial operation (without electrical load) at **765/400 kV Padghe Substation:**

क्रमांक / S.No.	पारेषण संपत्ति का नाम / Name of the Transmission Asset:	ट्रायल ऑपरेशन प्रारम्भ किए जाने का समय एवं तारीख / Date and Time of commencement of trial operation (without electrical load)	ट्रायल ऑपरेशन समाप्ति का समय एवं तारीख / Date and time of completion of trial operation (without electrical load)
1	400kV - Main bay 407 of Padghe-Kharghar Line-I at Padghe SS	18-08-2023 10:01	19-08-2023 10:01
2	400kV - Tie bay 408 of Kharghar-I and ICT-3 at Padghe SS	18-08-2023 10:35	19-08-2023 10:35
3	400kV - Main Bay 409 of ICT-3 at Padghe SS	18-08-2023 10:57	19-08-2023 10:57
4	400kV - Main Bay 410 of Padghe-Kharghar Line-II at Padghe SS	18-08-2023 11:38	19-08-2023 11:38
5	400kV - Tie bay 411 of Kharghar-II and Bus reactor (Future) at Padghe SS	18-08-2023 12:04	19-08-2023 12:04
6	400kV - Main Bay 412 of Bus Reactor (Future) at Padghe SS	18-08-2023 12:32	19-08-2023 12:32

This certificate is being issued in accordance with Reg. 5(2)(b) of CERC (Terms & Conditions of Tariff) Regulations 2019 to certify trial operation (without electrical load) of transmission element. Usage of this certificate for any other purpose is prohibited.

01/11/23

वेलूरी बालाजी
कार्यपालक निदेशक, प.क्षे.भा.प्रे.के

To: कार्यपालक निदेशक, प.क्षे. पारेषण प्रणाली-1, पावरग्रिड, नागपुर
प्रति: 1. सदस्य सचिव, प.क्षे.वि.स., मुंबई
2. कार्यपालक निदेशक, स.भा.प्रे.के. नई दिल्ली

पंजीकृत कार्यालय : बी- 9, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016
Registered Office : B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi- 110016
Website : www.grid-india.in

ग्रिड-इंडिया GRID-INDIA
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
GRID CONTROLLER OF INDIA LIMITED
(A Government of India Enterprise)
[formerly Power System Operation Corporation Limited (POSOCO)]
पश्चिम क्षेत्रीय भार प्रेषण केन्द्र / Western Regional Load Despatch Centre
कार्यालय : एफ-3, एम. आई. डी. सी. क्षेत्र, मरोल, अंधेरी (पूर्व), मुंबई-400093
Office : F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai- 400093
CIN : U40105DL2009GOI188682, Website : www.wrldc.in, E-mail : wrldc@grid-india.in, Tel.: 022 28202690, Fax: 022 28235434, 28202630

प्रमाणपत्र सदर्भ : प.क्षे.भा.प्रे.के./WR1/117/ 1029 दिनांक: 23/07/2024

परेषण तत्वों एवं के द्वारा सफल ट्रायल ऑपरेशन (विद्युत भार के साथ) का प्रमाण पत्र

Certificate of successful Trial Operation (with electrical load) of Transmission Element(s)/bay(s)

Reference:

i. WRTS-1 Communication (U.ID-786) dated 12-06-2024 (Format-I and IA)
ii. WRLDC Communication to WRTS-1 dated 14-06-2024 (Format-II-Acknowledgement)
iii. WRTS-1 Communication to WRLDC dated 28-06-2024 (processing related information)
iv. WRLDC Communication to WRTS-1 dated 28-06-2024 (Format-IV - 761)
v. WRTS-1 request for charging & trial operation dated 30-06-2024
vi. Code from WRLDC to WRTS-1 on 30-06-2024 for charging
vii. Communication dated 19-07-2024 from WRTS-1 [C1-C4] [TR.ID-225]

269

Based on the above documents under reference, it is hereby certified that the following Transmission elements/bays of **WRTS-1, POWERGRID** have successfully undergone trial operation (with electrical load) at **765/400 kV Padghe Substation:**

क्रमांक / S.No	परेषण संपत्ति का नाम / Name of the Transmission Asset:	ट्रायल ऑपरेशन प्रारम्भ किए जाने का समय एवं तारीख / Date and Time of commencement of trial operation	ट्रायल ऑपरेशन समाप्ति का समय एवं तारीख / Date and time of completion of trial operation
1	765/400 kV, 3x500 MVA, ICT-III at Padghe	01-07-2024 23:17	02-07-2024 23:17

This certificate is being issued in accordance with Reg. 25 of CERC (Indian Electricity Grid Code) Regulations to certify trial operation of transmission element. Usage of this certificate for any other purpose is prohibited.

वेलूरी बालाजी
कार्यपालक निदेशक, प.क्षे.भा.प्रे.के

वेलूरी बालाजी / Velury Balaji
कार्यपालक निदेशक / Executive Director
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
GRID CONTROLLER OF INDIA LIMITED
प.क्षे.भा.प्रे.के., मुंबई. / W.R.L.D.C., MUMBAI

To: कार्यपालक निदेशक, प.क्षे. परेषण प्रणाली-1, पावरग्रिड, नागपुर
प्रति: 1. सदस्य सचिव, प.क्षे.वि.स., मुंबई
2. कार्यपालक निदेशक, रा.भा.प्रे.के, नई दिल्ली

136

Certificate as per CERC Tariff Regulations, 2024
And
CERC (Indian Electricity Grid Code), 2023

It is to certify that the following asset under "**Transmission Network Expansion in Gujarat to increase ATC from ISTS : Part B**" along with associated communication system, conform to the CEA Technical Standards for Construction, CEA Technical Standards for Connectivity, CEA Technical Standards for Communication, Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations,2010 and CERC (Indian Electricity Grid Code), 2023, and are capable of operation to their full capacity as per requirements for declaration of commercial operation, as per following details:-

Sl. No.	Name of Asset	Date/ Time
1.	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays* at POWERGRID Padghe GIS Substation	02/07/2024 23:17 hrs

**Available spare bays (765kV bay commissioned under IPP-Set E scheme and 400kV bay commissioned under WRSS XIX scheme) at Padghe GIS S/s are utilized for the above ICT.*

रवीन्द्र त्यागी

(R.K. Tyagi)
Chairman & Managing Director

POWER GRID CORPORATION OF INDIA LTD.

137

पावरग्रिड
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
आई.एस.ओ 9001 : 2015 प्रमाणित कंपनी • ISO 9001: 2015 Certified Company
महारत्न कंपनी • A Maharatna Company
पश्चिम क्षेत्र - I Western Region - I

संदर्भ सं.: प.क्षे.-1/वाणिज्य/

दिनांक : 19.09.2024

वाणिज्यिक प्रचालन की अधिसूचना (DOCO)
Notification of Commercial Operation (DOCO)

"**Transmission Network Expansion in Gujarat to increase ATC from ISTS : Part B**", परियोजना के अंतर्गत निम्न परिसंपत्ति, इसे सी.ई.आर.सी. (टैरिफ के नियम और शर्तों) के अधिनियम 2024 के खंड-2 अनुच्छेद 5(1) और (भारतीय विद्युत ग्रिड कोड) विनियम 2023 के खंड-5 अनुच्छेद 27(1)(c) के अंतर्गत **दिनांक 03.07.2024 को 00:00** बजे से वाणिज्यिक प्रचालन के लिए अधिसूचित किया जाता है.

The following asset under "**Transmission Network Expansion in Gujarat to increase ATC from ISTS : Part B**" has been put under Commercial operation with effect from **00:00 hours of 03.07.2024** in terms of Chapter-2, Regulation clause 5(1) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 and Chapter-5, Regulation clause 27(1)(c) of Indian Electricity Grid Code Regulations 2023

परिसंपत्ति का नाम / Name of Asset
1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays* at POWERGRID Padghe GIS Substation

**Available spare bays (765kV bay commissioned under IPP-Set E scheme and 400kV bay commissioned under WRSS XIX scheme) at Padghe GIS S/s are utilized for the above ICT*

(आलोक)
कार्यपालक निदेशक(प.क्षे.-1)

सम्प्रीति नगर, नारी रिंग रोड, डाकघर : उप्पलवाडी, नागपुर - 440 026
Samprili Nagar, Nari Ring Road, P.O.: Uppalwadi, Nagpur - 440 026 Phones : 0712 -2641478-79
केन्द्रीय कार्यालय : सौदामिनी प्लाट नं. 2, सेक्टर - 29, गुरुग्राम - 122001, (हरियाणा) दूरभाष - 0124-2571700-719
Corporate Office : Saudamini Plot No. 2, Sector - 29, Gurugram - 122001, (Haryana) Tel. - 0124-2571700-719
पंजीकृत कार्यालय : बी-9, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली -110 016 दूरभाष 011-26560112, 26560121, 26564812, 26564892, सीआईएन : L40
Registered Office : B-9 Qutab Institutional Area, Katwaria Sarai, New Delhi -110 016 Tel. 011-26560112, 26560121, 26564812, 26564892 CIN : L40
Website : www.powergridindia.com

सत्यमेव जयते

Government of India
Central Electricity Authority
Regional Inspectorial Organisation
Ground Floor, WRPC Building, F-3, MIDC Area
Marol, Andheri (East), Mumbai 400 093

No. WRIO/MH/A-14909/2024 **Dated: 07/12/2024**

To,
M/s. Powergrid Corporation of India Limited,
Zari-Magarwada road, Moti Daman
Pin-396220, UT of Daman and Diu.

Approval for Energization

Subject: - Inspection of electrical installations of **M/s. Powergrid Corporation of India Limited, Zari-Magarwada road, Moti Daman Pin-396220, UT of Daman and Diu** under regulation 45 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2023.

Reference: (1) Application No.A/2024/14909, Dated: 14/11/2024.
(2) Inspection report of this office dated 01/12/2024.
(3) Compliance received on Date 06/12/2024.

Whereas the inspection of electrical installations of **M/s. Powergrid Corporation of India Limited, Zari-Magarwada road, Moti Daman Pin-396220, UT of Daman and Diu** was carried out on **29th November, 2024** by the undersigned under Regulation 45 of the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023.

Approval for Energization of the said electrical installation/apparatus (Details being attached as Annexure) is hereby accorded subject to following conditions:

1. **M/s. Powergrid Corporation of India Limited** shall ensure to have all other requisite clearances /NOCs from Government and Local bodies, as applicable, before energization.
2. Adherence to relevant provisions of Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023 shall be ensured by **M/s. Powergrid Corporation of India Limited** for safety during operation and maintenance.

The periodic inspections may be carried out at an interval 5 years from the date of last inspection. The application shall be filed by the applicant at least 6 months in advance so that compliance and final approval is granted on time. This periodicity is subject to change by Govt order/notification.

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

07/12/2024

(Vikram Thorat)
Assistant Director
For Chief Electrical Inspector
To The Government of India
(Email ID: vikram.thorat@cea.nic.in , Mob. No.: 9960673641)

139
272

Copy to: Chief Engineer (EI), CEA, 3rd Floor, NRPC Building, Katwaria Sarai, New Delhi

ANNEXURE

400/220kV GIS at Magarwada, Daman

List of equipment offered for inspection

Sl.No	Equipment	Make & Sl.No	Quantity
1	420KV, 4000A, 63 KA GIS BUSBAR MODULE EXTENSION	HYOSUNG Make	02
2	420KV, 3150A, 63KA, SF6 GIS line feeder bay module (without PIR) per section	HYOSUNG Make	02
3	336KV surge Arrester (1-phase)	OBLUM ELECTRICAL Sl. No.111-116	06
4	44oopF -4zo kV Capacitive Voltage Transformer -t- l'hase	SIEMENS ENERGY Sl. No. 4CV3149-4CV3154	06
5	Line Traps zoooA- r.o mLl- 4o kA-4oo kV	QAULITY POWER ELECTRICAL EQUIPMENT PVT.LTD Sl. No. 4942/5558 LT-4942/5561 LT	04

07/12/2024

POWER GRID CORPORATION OF INDIA

सत्यमेव जयते

Government of India
Central Electricity Authority
Regional Inspectorial Organisation
Ground Floor, WRPC Building, F-3, MIDC Area
Marol, Andheri (East), Mumbai 400 093

No. WRIO/GUJ/A-15306/2025 **Dated:14/02/2025**

To,
M/s. Power Grid Corporation of India Limited,
765/400/220KV GIS New Navsari Sub-Station,
Village-Ubharat, Dist:-Navsari, Gujrat (396436).

Approval for Energization

Subject: - Inspection of electrical installations of **M/s. Power Grid Corporation of India Limited, 765/400/220KV GIS New Navsari Sub-Station, Village-Ubharat, Dist:-Navsari, Gujrat** under regulation 45 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2023.

Reference: (1) Application No.A/2025/15306, Dated: 02/01/2025.
(2) Inspection report of this office dated 27/01/2025.
(3) Compliance received on Date 10/02/2025.

Whereas the inspection of electrical installations of **M/s. Power Grid Corporation of India Limited, 765/400/220KV GIS New Navsari Sub-Station, Village-Ubharat, Dist:-Navsari, Gujrat** was carried out on **23rd January, 2025** by the undersigned under Regulation 45 of the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023.

Approval for Energization of the said electrical installation/apparatus (Details being attached as Annexure) is hereby accorded subject to following conditions:

1. **M/s. Power Grid Corporation of India Limited** shall ensure to have all other requisite clearances /NOCs from Government and Local bodies, as applicable, before energization.
2. Adherence to relevant provisions of Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023 shall be ensured by **M/s. Power Grid Corporation of India Limited** for safety during operation and maintenance.

The periodic inspections may be carried out at an interval 5 years from the date of last inspection. The application shall be filed by the applicant at least 6 months in advance so that compliance and final approval is granted on time. This periodicity is subject to change by Govt order/notification.

Vikramsinh Vilasrao Thorat

Digitally signed by Vikramsinh Vilasrao Thorat
Date: 2025.02.14 14:06:50 +05'30'

POWER GRID CORPORATION OF INDIA LTD.

(Vikram Thorat)
Assistant Director
For Chief Electrical Inspector
To The Government of India
(Email ID: vikram.thorat@cea.nic.in , Mob. No.: 9960673641)

Copy to: Chief Engineer (EI), CEA, 7th Floor, Sewa Bhawan, New Delhi.

274
141

ANNEXURE

List Of Equipments 765/400 kV POWERGRID New Navsari Sub Station

220 kV Equipments

S.NO	DESCRIPTION	MAKE	RATING	LOCATION	SET
1	CIRCUIT BREAKER WITHOUT PIR ,WITHOUT CSD	HYOSUNG	220 kV , 50 kA	201 , 202,203,204,205,206,207,208,209,210,211,212,213,214,215 BAYS	15
2	CURRENT TRANSFORMER	HYOSUNG	1600/1 A	201 , 202,203,204,205,206,207,208,209,210,211,212,213,214,215 BAYS	15
3	DISCONNECTOR SWITCH	HYOSUNG	3000 A	201 , 202,203,204,205,206,207,208,209,210,211,212,213,214,215 BAYS	42
4	EARTH SWITCH	HYOSUNG	125kApeak	201 , 202,203,204,205,206,207,208,209,210,211,212,213,214,215 BAYS	42
5	CAPACITOR VOLTAGE TRANSFORMER	SIEMENS	245kV	202,203,204,206,207,208,209,210,211,212,213,214 BAYS	8
6	PT	HYOSUNG	220kV	Bus PTs	4
7	LIGHTING ARRESTOR	OBLUM	216kV	202,203,204,206,207,208,209,210,211,212,213,214 BAYS	8
8	SURGE ARRESTOR	TOSHIBA	220kV	201 ,205,215 BAYS	3

400 kV Equipments

S.NO	DESCRIPTION	MAKE	RATING	LOCATION	SET
1	400/200kV ICT-1	BHEL	3-PH , 500 MVA	407 BAY	1
2	400/200kV ICT-2	BHEL	3-PH , 500 MVA	410 BAY	1
3	400 kV BUS REACTOR	SIEMENS	3-PH , 125 MVAr	401 BAY	1
4	400 kV KALA LINE-1 REACTOR	SIEMENS	3-PH , 63 MVAr	403R BAY	1
5	400 kV KALA LINE-2 REACTOR	SIEMENS	3-PH , 63 MVAr	406R BAY	1
6	NEUTRAL GROUNDING REACTOR	SHRIHANS	145KV ,40KVAR	404R ,409R	2
7	CIRCUIT BREAKER WITHOUT PIR ,WITHOUT CSD	HYOSUNG	400kV , 63kA	403 ,404, 405, 406, 407,408 ,409 ,413 ,414 ,416	10
8	CIRCUIT BREAKER WITHOUT PIR ,WITH CSD	HYOSUNG	400kV , 63kA	401,402,404R,409R,411,412,414,415,417,418	10
9	CURRENT TRANSFORMER	HYOSUNG	420 KV , 3000/1 A	401, 402, 403, 404 ,405,406 ,407 ,408 ,409, 410 ,411 ,412 ,413,414,415,416 ,417,418	18
10	DISCONNECTOR SWITCH	HYOSUNG	420 kVrms ,3150 A	401,401R, 402, 403,403L, 404 ,404R,404L,405,406 ,406L,407 ,407T,408 ,409,409L,409R, 410 ,410T,411 ,412 ,412T,413,41T,414,415,415T,416 ,416T,417,418,418T	55
11	EARTH SWITCH	HYOSUNG	420 kVrms ,3150 A	401,401R, 402, 403,403L, 404 ,404R,404L,405,406 ,406L,407 ,407T,408 ,409,409L,409R, 410 ,410T,411 ,412 ,412T,413,41T,414,415,415T,416 ,416T,417,418,418T	52
12	CAPACITOR VOLTAGE TRANSFORMER	SIEMENS	420kV ,4400pF	403L,404L,406L,409L	4
13	PT	HYOSUNG	400kV	Bus PTs	2
14	LIGHTING ARRESTOR	OBLUM	336KV	403L,404L,406L,409L	4
15	WAVE TRAP	QUALITY POWER	400KV,3150A,0.5mH,63kA	403L,404L,406L,409L	4
16	SURGE ARRESTOR (GIS)	TOSHIBA	624KV ,20 KA	401 ,403R,406R,407,410,413 BAY	6

765 kV Equipments

S.NO	DESCRIPTION	MAKE	RATING	LOCATION	SET
1	765/400 kV ICT-1	BHEL	1 PH,500 MVA	701 BAY	1
2		BHEL	1 PH,500 MVA	701 BAY	1
3		BHEL	1 PH,500 MVA	701 BAY	1
4	765/400 0kV ICT-2	BHEL	1 PH,500 MVA	704 BAY	1
5		BHEL	1 PH,500 MVA	704 BAY	1
6		BHEL	1 PH,500 MVA	704 BAY	1
7	SPARE ICT	BHEL	1 PH,500 MVA	700D BAY	1
8	765kV BUS REACTOR-1	SIEMENS	1PH ,110 MVAr	709 BAY	1
9		SIEMENS	1PH ,110 MVAr	709 BAY	1
10		SIEMENS	1PH ,110 MVAr	709 BAY	1
11	765kV BUS REACTOR-2	SIEMENS	1PH ,110 MVAr	712 BAY	1
12		SIEMENS	1PH ,110 MVAr	712 BAY	1
13		SIEMENS	1PH ,110 MVAr	712 BAY	1
14	765kV PADGE LINE-1 REACTOR	SIEMENS	1PH ,110 MVAr	703R BAY	1
15		SIEMENS	1PH ,110 MVAr	703R BAY	1
16		SIEMENS	1PH ,110 MVAr	703R BAY	1
17	765kV PADGE LINE-2 REACTOR	SIEMENS	1PH ,110 MVAr	706R BAY	1
18		SIEMENS	1PH ,110 MVAr	706R BAY	1
19		SIEMENS	1PH ,110 MVAr	706R BAY	1
20	SPARE REACTOR-1	SIEMENS	1PH ,110 MVAr	700B BAY	1

21	SPARE REACTOR-1	SIEMENS	1PH ,80 MVAr	700C BAY	1
22	NEUTRAL GROUNDING REACTOR	SHRIHANS	145KV ,200KVAR	703R,706R	2
23	CIRCUIT BREAKER WITHOUT PIR ,WITH CSD	HYOSUNG	765 KV , 50KA	701 ,703R,706,706R,707,708,709,710,711,712	10
24	CIRCUIT BREAKER WITH PIR ,WITH CSD	HYOSUNG	765 KV , 50KA	702 , 703 ,704 , 705	4
25	CURRENT TRANSFORMER	HYOSUNG	765KV,3000/1A	701 ,702,703,704,705,706,707,708,709,710,711,712	24
26	DISCONNECTOR SWITCH	HYOSUNG	765kV ,	701 ,702 ,703,703R,703L,704,704T,705,706,706R,706L,707,707T,708,709R,710,710T	44
27	EARTH SWITCH	HYOSUNG	765kV , 3150A	701 ,702 ,703,703R,703L,704,704T,705,706,706R,706L,707,707T,708,709R,710,710T	36
28	CAPACITOR VOLTAGE TRANSFORMER	GE	765kV ,8800pF	703 ,706	2
29	PT	HYOSUNG	765kV	Bus PTs	2
30	LIGHTING ARRESTOR	OBLUM	624kV 63kA	703 ,706	2
31	WAVE TRAP	GE	765kV ,1mH,3150A,50kA	703 ,706	2
32	SURGE ARRESTOR	TOSHIBA	624KV ,20 KA	701,703R,704,706R,709,712,700B ,700C,700D	6

Auxilary System, Panels

S.NO	DESCRIPTION	MAKE	RATING	LOCATION	SET
138	800 kVA Transformer	TOSHIBA	33/.044KV 3-ph	33 kV Transformer	1
139	800 kVA Transformer	Sai Shirdi	11/.044KV 3-ph	LT Yard	1
140	48 V BATTERY BANK	EXIDE	1500Ah	BATTERY ROOM	2
141	220 V BATTERY CHARGER	EXIDE	180A	ACDB/DCDB ROOM	2
142	220 V BATTERY BANK	EXIDE	1500Ah	BATTERY ROOM	2
143	220 V BATTERY CHARGER	EXIDE	180A	ACDB/DCDB ROOM	2
144	AC LT Switchgear	ULTIMA SWITCHGEAR LTD.	415 V	ACDB/DCDB ROOM	1
145	220V DC Distribution	ULTIMA SWITCHGEAR LTD.	220V	ACDB/DCDB ROOM	1
146	48V DC Distribution	ULTIMA SWITCHGEAR LTD.	48V	ACDB/DCDB ROOM	1
147	MOTOR DRIVEN FIRE WATER PUMP	ABB	132KW	FF HOUSE	1
148	ENGINE DRIVEN FIRE WATER PUMP	GREAVES	172HP	FF HOUSE	1
149	JOCKEY PUMP	ABB	11KW	FF HOUSE	2
150	Teritary Equipments			Tertiary of 765/400kV ICT-1	1
151	DG SET	KOEL GREEN/KIRLOSKER	500KVA	DG HUT	1
152	CRP & SAS	SIEMENS	-	LCR-765kV, 400kV & 220kV	3

143

POWER GRID CORPORATION OF INDIA LTD.

सत्यमेव जयते

Government of India
Central Electricity Authority
Regional Inspectorial Organisation
Ground Floor, WRPC Building, F-3, MIDC Area
Marol, Andheri (East), Mumbai 400 093

No. WRIO/GUJ/B-1698/2025 **Dated:17/02/2025**

To,
M/s. Power Grid Corporation of India Limited,
765/400/220KV GIS New Navsari Sub-Station,
Village-Ubharat, Dist:-Navsari,
Gujarat (396436).

Approval for Energization

Subject: - Inspection of Navsari (New) (South Gujarat) (GIS) - Magarwada (GIS) 400KV D/C Transmission Line of **M/s. Power Grid Corporation of India Limited** under regulation 45 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2023.

Reference: 1) Application No. B/2024/01698, Dated: 03/01/2025.
2) Inspection report of this office Dated 26/01/2025.
3) Compliance received via Email on 17/02/2025.

Whereas the inspection of Navsari (New) (South Gujarat) (GIS) - Magarwada (GIS) 400KV D/C Transmission Line of **M/s. Power Grid Corporation of India Limited** was carried out on **23rd January 2025** by the undersigned under regulation 45 of CEA (Measures relating to Safety and Electric Supply) Regulation, 2023.

Approval for Energization of above said Transmission Line work is hereby accorded subject to following conditions:

1. **M/s. Power Grid Corporation of India Limited** shall ensure to have all other requisite clearances/NOCs from authorities such as CEA for prior approval, Air Headquarters, Defense Authorities, Civil Aviation, SEB for Power line crossing, National Highways, State Highways Authorities, Forest, Navigation Authorities, PTCC Clearance, Railways, or any other local authority, as applicable, before energization.
2. **M/s. Power Grid Corporation of India Limited** shall have ratification by the Committee constituted by Hon'ble Supreme Court of India in its Order in I.A No. 85618 of 2020 dated 19.04.2021 related to Great Indian Bustard (GIB) for the modification of this transmission line, if applicable, before energization.
3. **M/s. Power Grid Corporation of India Limited** shall ensure that the general public through Local authorities like Village Heads/ Panchayats/ Municipal Council/ Municipal Corporation/Police Stations/BDO/Tehsil and District Magistrate/Police Commissioner etc have been intimated about the energization schedule of line and prior information about the energization schedule of the line has been provided to the general public through distribution of handbills/publication in newspapers/other suitable media in local language of state and English and drum beating etc.

POWER GRID CORPORATION OF INDIA LTD.

4. Adherence to relevant provisions of Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023 shall be ensured by **M/s. Power Grid Corporation of India Limited** for safety during operation and maintenance.

The periodic inspections may be carried out at an interval 5 years from the date of last inspection. The application shall be filed by the applicant at least 6 months in advance so that compliance and final approval is granted on time. This periodicity is subject to change by Govt order/notification.

Vikramsinh Vilasrao Thorat

Digitally signed by Vikramsinh Vilasrao Thorat
Date: 2025.02.17 12:09:02 +05'30'

(Vikram Thorat)
Assistant Director
For Chief Electrical Inspector
To The Government of India
(Email ID: vikram.thorat@cea.nic.in , Mob. No.: 9960673641)

Copy to: Chief Engineer (EI), 7th Floor, Sewa Bhawan, CEA, New Delhi.

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Certificate as per
CERC (Indian Electricity Grid Code) Regulations 2023
(For Inter State Transmission System)

It is to certify that the following assets under "Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B" conform to the CEA Technical Standards for Construction, CEA Technical Standards for Connectivity, CEA Technical Standards for Communication, Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations,2010 and CERC (Indian Electricity Grid Code) Regulations 2023 and are capable of operation to their full capacity as per the requirements for declaration of commercial operation with effect from as per following details:

S. N.	Name of the Elements	Date / Time
1	400 kV New Navsari (GIS)-Magarwada (GIS) Ckt-1 of D/C line along with associated 400 kV line bay (GIS) at New Navsari (GIS) S/S & Magarwada (GIS) S/S.	05.03.2025 / 23:50 hours
2	400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari(GIS) S/S.	05.03.2025 / 23:57 hours
3	400 kV New Navsari (GIS)-Magarwada (GIS) Ckt-2 of D/C line along with associated 400 kV line bay (GIS) at New Navsari (GIS) S/S & Magarwada (GIS) S/S.	06.03.2025 / 00:18 hours
4	500 MVA 400/220 kV ICT-1 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S	11.03.2025 / 21:08 hours
5	500 MVA 400/220 kV ICT- 2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S	19.03.2025 / 23:55 hours

(R. K. Tyagi)
Chairman and Managing Director

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

CIN: L40101DL1989GOI038121
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-II/VDR/New Navsari/CTU

Date: 31.03.2025

To,
Sr. General Manager(CMG),CTUIL
Floor No. 5-10, Tower-1,
Plot No-16, IRCON International Tower,
Institutional Area, Sector-32,
Gurugram, Haryana-122001.

Kind attention: Sh. Ramachandra

Sub: Request for issuance of completion certificate under the scheme "Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B"

Dear sir,

This has reference to CTU OM ref. no. C/CTUIL/OM/04 dated 14.01.2022 regarding implementation of the following transmission elements by POWERGRID under the scheme "Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B" under RTM mode.

S.N.	Broad scope of the project
i)	**400 kV system**: **Line**: 400 kV New Navsari(GIS)-Magarwada(GIS)-Kala(GIS) D/C line. ((New Navsari(GIS)-Magarwada(GIS) D/C line portion is strung on multi circuit tower and Magarwada(GIS)-Kala(GIS) D/C line portion is on double circuit tower)) **Substation**: New Navsari(GIS) 400/220 kV(3x500 MVA) ICT with associated 400 kV & 220 kV ICT bays, 400 kV Bus Reactor(1x125 MVAr) with associated bay, 400 kV Switchable line reactor(63 MVAr) on each ckt at New Navsari(GIS) end of 400 kV New Navsari(GIS) - Kala (GIS) D/C line with associated bays, 4 nos. 400 kV line bays(GIS). **400 kV Kala(GIS) S/S extension**: 2 nos. 400 kV line bays(GIS) **Magarwada(GIS) S/S extension**: 2 nos. 400 kV line bays(GIS)
ii)	**765 kV system**: **Line**: 765 kV New Navsari(GIS)-Padghe(GIS) D/C line. (Passing through the state of Gujarat Maharashtra). **Substation**: New Navsari(GIS) 765/400 kV(2x1500 MVA) ICT with associated 765 kV & 400 kV ICT bays, 765 kV Bus Reactor(2x330 MVAr) with associated bays,765 kV Switchable line reactor(330 MVAr) on each ckt at New Navsari(GIS) end of 765 kV New Navsari(GIS) – Padghe (GIS) D/C line with associated bays, 2 nos. 765 kV line bays(GIS). **765 kV Padghe(GIS) S/S extension**: 765/400 kV(1x1500 MVA) ICT, 2 nos. 765 kV line bays(GIS).

As per MoP OM dated 13.01.2022, the schedule completion of the project is June 2023. The above mentioned transmission system is at various stage of completion due to enormous ROW problems.

क्षेत्रीय मुख्यालय : प्लॉट नं.-54, रिया-रेवती रिज़ॉर्ट के पास, समा-सावली रोड, वडोदरा - 390 008(गुजरात) -
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax: 0265-2487544, e-mail: pmswr2@powergrid.co.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटयुशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

However, the following assets/elements have been completed & charged as detailed below and WRLDC has also issued the successful charging certificate(copy attached). With the charging of below mentioned assets/elements, the transmission network is ready for supply of power from Magarwada S/S to GETCO 220 kV downstream system. However, the 220 kV downstream transmission line (to be connected with New Navsari(GIS) S/S) being constructed by GETCO is not yet ready.

S. N.	Name of the Transmission Elements	Charging Date	Charging Time
1	400 kV New Navsari(GIS)-Magarwada(GIS) **Ckt-1** of D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari (GIS) S/S & Magarwada(GIS) S/S.	04.03.2025	23:50 hours
2	400 kV Bus Reactor (1x125 MVAr) along with associated bay(GIS) at New Navsari(GIS) S/S.	04.03.2025	23:57 hours
3	400 kV New Navsari(GIS)-Magarwada(GIS) **Ckt-2** of D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada (GIS) S/S.	05.03.2025	00:18 hours
4	500 MVA 400/220 kV ICT-1 along with associated 400 kV & 220 kV ICT bays at New Navsari(GIS) S/S.	10.03.2025	21:08 hours
5	500 MVA 400/220 kV ICT- 2 along with associated 400 kV & 220 kV ICT bays at New Navsari(GIS) S/S.	18.03.2025	23:55 hours

In view of above and in line with CTUIL's SOP for issuance of completion certificate for deemed COD of ISTS element, it is requested to issue the completion certificate for above mentioned transmission elements already charged for further needful at our end to approach CERC in line with IEGC Regulation 2023, clause no. 27(l)(C)(i) for approval of COD. The relevant documents are attached herewith.

Thanking you.

Yours sincerely,

(S.D.C.S. Rao)
Sr.GM(PESM)
POWERGRID, WR-II

Encl: 1) CTU OM dated 14.01.2022
2) CEA energization clearance
3) Single line diagram
4) WRLDC successful charging certificate
5) Signed Undertaking

Copy to :

1. ED(WR-II), POWERGRID, Vadodara.
2. CGM(Commercial), POWERGRID, CC, Gurgaon.
3. Sr.GM(PMD), POWERGRID, CC, Gurgaon.
4. CGM(AM) WR-II, POWERGRID, Vadodara.
5. CGM(Projects), WR-II, POWERGRID, Vadodara.
6. CGM(New Navsari), POWERGRIFD
7. Sr,GM(Comml), WR-II, POWERGRID, Vadodara.

ग्रिड-इंडिया GRID-INDIA
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
GRID CONTROLLER OF INDIA LIMITED
(A Government of India Enterprise)
[formerly Power System Operation Corporation Limited (POSOCO)]
पश्चिम क्षेत्रीय भार प्रेषण केन्द्र / Western Regional Load Despatch Centre
कार्यालय : एफ-3, एम. आई. डी. सी. क्षेत्र, मरोल, अंधेरी (पूर्व), मुंबई-400093
Office : F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai- 400093
CIN : U40105DL2009GOI188682, Website : www.wrldc.in, E-mail : wrldc@grid-india.in, Tel: 022 28202690, Fax: 022 28235434, 28202630

संदर्भ संख्या - WRLDC/FTC/New Navsari/2025/ 148 Date: 28-03-2025

सेवा मे,

M/S POWERGRID CORPORATION OF INDIA LIMITED
(WRTS2)
Kind Attn: Sh Sanjay Kumar Singh, CGM AM
Plot No. 54, Beside Riya-Revti Resort, 390008, Sama-Savli Rd,
opp. Ambe Vidhyalaya, Chanakyapuri Society, Kasturba Nagar,
New Sama, Vadodara, Gujarat 391740

विषय – First Time Charging of Assets in "Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B at 765/400 kV New Navsari S/s" -Reg.

संदर्भ / References –

1. Power Grid Corporation of India Limited email dated 18.03.2025 & 27-03-2025 request for No load charging certificate.
2. WRLDC Provisional charging approval, FTC Unique ID: 991, 1005, Format-IV:914, 975, 979, 997 dated 21.01.2025, 04 & 07.03.2025
3. EI approval Vide No. WRIO/MH/A-14909/2024 Dated:07/12/2024 and WRIO/GUJ/A-15306/2025 Dated 14.02.2025

282

महोदय / महोदया,

With reference to your email dated 18.03.2025 & 27.03.2025 and FTC clearance given for unique ID: 991 &1005, it is hereby certified that the following substation elements of M/s **POWERGRID, WRTS-2** have been successfully charged at 765/400/220 kV New Navsari S/s and 400/220 kV Magarwada S/s:

Sr. No.	Name of the Transmission Asset	Charging Code	Charging Date	Charging Time
1	Bay 402 (Tie 125MVAR BUS REACTOR) at New Navsari	570	04-03-2025	23:57
2	125MVAR BUS REACTOR at New Navsari	570	04-03-2025	23:57
3	Bay 401 (Main 125MVAR BUS REACTOR) at New Navsari	571	05-03-2025	00:05
4	Bay 403 (Main 400kV Navsari (New) - Magarwada Line 1) at New Navsari	569	04-03-2025	23:50
5	Bay 406 (Main 400kV Navsari (New) - Magarwada Line 2) at New Navsari	572	05-03-2025	00:18

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

6	400KV Bus 1 at New Navsari	571	05-03-2025	00:05
7	400KV Bus 2 at New Navsari	569	04-03-2025	23:50
8	400kV Navsari (New) - Magarwada 1 Line	569	04-03-2025	23:42
9	400kV Navsari (New) - Magarwada 2 Line	572	05-03-2025	00:15
10	500MVA 400/220kV ICT - 1 at New Navsari	1177	08-03-2025	19:18
11	Bay 407 (Main 400/220kV 500MVA ICT - 1) at New Navsari	1177	08-03-2025	19:18
12	Bay 201 (400/220kV 500MVA ICT - 1) at New Navsari	1507	10-03-2025	21:08
13	Bay 209 (Bus Coupler) Section 1 at New Navsari	1508	10-03-2025	21:11
14	220KV Bus 1 Section 1 at New Navsari	1507	10-03-2025	21:08
15	220KV Bus 2 Section 1 at New Navsari	1508	10-03-2025	21:11
16	Bay-410 Navsari (New) - Magarwada 1 at Magarwada	569	04-03-2025	23:50
17	Bay-411 Navsari (New) - Magarwada 2 at Magarwada	572	05-03-2025	00:18
18	500MVA 400/220kV ICT - 2 at New Navsari	2309	15-03-2025	22:36
19	Bay 410 (Main 400/220kV 500MVA ICT - 2) at New Navsari	2309	15-03-2025	22:36
20	Bay 205 (400/220kV 500MVA ICT - 2) at New Navsari	2695	18-03-2025	23:55

283

This is being issued on the request from POWERGRID, WRTS-2 via email dated 18.03.2025 & 27-03-2025. Usage of this letter for any other purpose is prohibited.

Thanking you,

Yours faithfully

(T.R. Mohapatra)
General Manager (MO & RA)

POWER GRID CORPORATION OF INDIA LTD. ★ पावरग्रिड POWERGRID

150

Record Notes of Progress review meeting held with M/s BHEL on dated 25.04.2024 at 15:00 hrs. through VC

Package Name/ पैकेज का नाम	:	**ICT PKG. TR35 : Supply of 1 X 1500 MVA, 765/400 kV ICT at Padghe SS associated with (i) Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B;**	
NOA No. एन॰ओ॰ए॰ संख्या	:	*5002002164/TRANSFORMER/DOM/A04-CC CS -5 /NOA-I/40007 & NOA-II/40008 dated: 05.08.2022*	
Scope & Schedule completion पूरा करने के लिए अनुसूची अवधि	:	• *Supply & installation of 1 X 1500 MVA, 765/400 kV ICT*	***Schedule Completion date*** : *04.11.2023 (15 Months)* ***Contract Price*** : *Supply: Rs. : 41.91 Crs (excl GST)* *F&I : Rs.: 0.97 Crs.* *Service: Rs.: 0.59 Crs (excl GST)* ***Total: Rs. : 43.47 Crs. (excl GST)***
Agency	:	***M/s BHEL***	**L2 Schedule Summary: -** • ***1ST Unit :*** *Receipt at site by 31.08.2023* • ***2nd Unit :*** *Receipt at site by 11.09.2023* • ***3rd Unit :*** *Receipt at site by 22.09.2023*

At the outset, POWERGRID expressed serious concerns on extreme delay in supply of ICT Bank at Padghe under TR35 Pkg. Project is seriously affected due to non-supply of ICT as per agreed schedule. Similarly, 765 kV Bushing supply is also getting delayed due to non-availability of valid Type test and it is being dispatched from Russia. Further, it is noticed that Erection contractor is also to be immediately finalized & mobilized at site. Statutory documents are also to be submitted.

It is opined that BHEL may immediate take action to address these issues on utmost priority. After detailed deliberations, the following commitments have been given by the agency towards Project execution and completion :

❖ **Following agenda points discussed during the meeting : (TR-35 Pkg. - Padghe Site)**

Sr. No.	Particular	Status as on date 25.04.24	Commitment by BHEL on 25.04.2024
1	Delay in Transportation of ICT	Not a single ICT is delivered at site, ICTs were dispatched before 60 days. Tracking details also not shared by BHEL	1st & 2nd ICT unit are 4-6 kms away from Padghe SS and likely to reach Padghe SS by 28.04.2024 & 30.04.2024 respectively. 3rd Unit is 100 kms away from Padghe SS & is likely to reach Padghe SS by 02.05.2024. – BHEL will share Tracking details by evening (i.e. on 25.04.24)
2	Mobilization of Erection Gang	Not yet finalized	Agency informed that erection contractor under advanced stage of finalization and order is expected to be placed within a week's time (i.e. by 02.05.2024)
3	Establishment of Site Office & Store	To be established	Site office shall be established by 07.05.2024.
4	Deputation of permanent Site In-Charge	To be deployed	Sh. HARISH SHARMA will be Site in-charge for Padghe site & will report at site by 02.05.2024.
5	Submission of Statutory documents (i.e. safety plan, insurance policies, bond, Labour License etc..)	Not yet submitted	Insurance policies (EAR, Workmen compensation etc) will be submitted by 10.05.2024.
6	Supply plan for balance material (i.e. Bushings, Oil, RTCC etc..)	765 kV Bushing to be dispatched from Russia. 400 kV Busing TTR to be approved in CAT-I	**765 kV Bushing:** expected dispatch by 01.05.2024 & it will be delivered at site by 15.06.2024. **400 kV Bushing:** TTR under submission, Inspection scheduled in May'24. **Neutral Bushing:** It will be supplied along with 400 kV Bushings. BHEL to expedite supplies of all bushings & ensure to react entire material by mid Jun'24.
7	Installation & commissioning plan for Padghe site.	To be furnished	Agency committed that detailed Erection plan for commissioning of ICTs shall be furnished by 03.05.2024.

152

POWER GRID CORPORATION OF INDIA LTD. Site Office Padghe

Package Name/ पैकेज का नाम	:	**ICT PKG. TR065 : Supply of 3 X 1500 MVA, 765/400 kV ICT at Raigarh (Kotra) SS undr WRES-XXVI**	
NOA No. एन॰ओ॰ए॰- संख्या	:	*CC/NT/W-TR/DOOM/A00/23/01056/NOA-I & NOA-II/23-100314/01 & 02 dated: 17.03.2023*	
Scope & Schedule completion पूरा करने के लिए अनुसूची अवधि	:	• *Supply & installation of 3 X 1500 MVA, 765/400 kV ICT*	***Schedule Completion date*** : *16.06.2024 (15 Months)* ***Contract Price*** : *Supply: Rs. : 163.35 Crs (excl GST)* *F&I : Rs.: 3.82 Crs.* *Service: Rs.: 2.22 Crs (excl GST)* ***Total: Rs. : 169.39 Crs. (excl GST)***
Agency	:	*M/s BHEL*	**L2 Schedule Summary: -** • ***02 nos. Units :*** *Receipt at site by Jan'24* • ***03 nos. Units :*** *Receipt at site by Feb'24* • ***04 nos. Units :*** *Receipt at site by Mar'24* • ***01 no Unit :*** *Receipt at site by Apr'24*

153

• Following agenda points discussed during the meeting : (TR-06 Pkg. – Raigarh (Kotra) & Raipur (Durg) Site)

Sr. No.	Particular	Status as on date	Commitment by BHEL on 25.04.2024
1	Supply plan for ICT (10 units)	Firm plan not yet received from BHEL	BHEL committed following dispatch plan for supply of ICT at Raigarh (Kotra) under TR-06 Pkg. • 01 no. cold spare unit dispatch by mid May'24 (For Durg SS) • 02 nos. unit dispatch by May'24 • 02 nos. unit dispatch by Jun'24 • 01 nos. unit dispatch by Sep'24 • 02 nos. unit dispatch by Oct'24 • 02 nos. unit dispatch by Nov'24
2	Establishment of Site Office & Store	To be established	Agency confirmed that site office & store shall be established by end May'24 (i.e. before receipt of ICT & accessories at site)
3	Deputation of permanent Site In-Charge	To be deployed	

POWER GRID CORPORATION OF INDIA LTD.

Sr. No.	Particular	Status as on date	Commitment by BHEL on 25.04.2024
4	Submission of Statutory documents (i.e. safety plan, insurance policies, bond, Labour license etc..)	To be submitted	Statutory documents shall be submitted by 10.06.2024.
5	Confirmation on below mentioned Alarm/Trip contacts regarding body protection of ICTs. i. Availability of Shut off Valve ii. Availability of OLTC Oil Surge Relay iii. Availability of OLTC PRV iv. Availability of contacts to monitor OLTC Low Oil Level v. Availability of contacts to monitor OLTC Drive Motor faulty vi. Availability of separate device installed for monitoring Direct Winding Temperature apart from WTI Trip and Alarm contacts which was already mentioned in transformer drawing vii. Total no of contacts (along with its normal status-NO or NC) available in each PRD.		BHEL informed that their engineering team shall provide required data by 30.04.2024.

--- XXX ---

❖ **List of participants / प्रतिभगियों की सूची :**

POWERGRID /पावरग्रिड

Shri /Smt.

i. T V S Praveen Kumar, CGM (Raigarh SS)
ii. Mayank Singh, Sr GM, Kotra
iii. Nitin V. Bhoyar, GM (PESM), RHQ
iv. Pramod Chimankar, DGM, Padghe
v. Kaushal Mehta, Engineer (PESM), RHQ

Bharat Heavy Electricals Ltd./ भारत हेवी इलेक्ट्रिकल्स लिमिटेड

Shri /Smt.

i. S K Jain, GM (RoD - NR-I)
ii. Avinash Chandra, GM (Commercial - Bhopal-)
iii. Anshuman Mathur, AGM, (RoD -New Delhi)
iv. M G Thakar, AGM (Bhopal- Technical services)
v. Jaydev Dey Sarkar, AGM (Logistic, - Bhopal)
vi. Shamim Raza, Manager, (RoD - New Delhi)
vii. Sanjay Singh Engineer, (RoD - New Delhi)

नितीन भोयर
Nitin Bhoyar
महाप्रबंधक (पी.ई.एस.एम.)
General Manager (PESM)
पावरग्रिड, प.क्षे.-I, नागपुर
POWERGRID WR-I, NAGPUR

POWER GRID CORPORATION OF INDIA LTD.

R. S. Mehta
Engr. (PESM)

Minutes on Discussion with BHEL on 10.06.24 to discuss the balance supply & works for Commissioning of ICT at Padghe

*Detailed commissioning plan shared by Padghe site to BHEL on 10.06.24 for completion of Target Commissioning of ICT in June'24.

A) Balance Supply

Sr. No.	Particular	Scope	Status as on 10.06.2024
1	765 kV , 2500 A bushings (03 Nos.) Creepage (24800 mm)	BHEL	VPD of corona shieds for 765 kV Hitachi make bushings is expected to complete by 13.06.24. Dispatch by 13.06.24/14.06.2024
2	400 kV , 2500 A bushings (03 Nos.) Creepage (13020mm)	BHEL	CIP Issued under CAT-B. Dispatch from Vadodara factory on 10.06.24
3	52 kV , 1250 A bushings (06 Nos.) Creepage (1612 mm)	BHEL	Dispatch from Vadodara factory on 10.06.24
4	Neutral Bushing, 3150 A (03 Nos.) Creepage (1116 mm)	BHEL	Available at site
5	Insulating Oil (92 KL or 440 Barrels / Each Unit)	BHEL	1st Unit (440Barrels) expected at site on 10.06.2024. For balance 2nd & 3rd unit, Inspection scheduled on 13.06.2024.

B) Balance Installation (BHEL)

Sr. No.	Particular	Scope	Status as on 10.06.2024
1	Mobilization of Erection Gang (M/s. Shri Engineering, Jhansi)	BHEL	Moblization of Gang at site between 11-13 June'24. Erection activities shall be started from 11.06.24. (At present : 03 manpower availble from BHEL Erection Agency and one person from BHEL)

2	Mobilization of T&P for ICT erection a) Power supply for Filtration plant b) Filtration plant (02 Nos.) c) Vacuum pump (02 Nos.) d) Dry Air generator (02 Nos.) e) vacuum gauge (02 Nos.) f) Crane / Hydra (01 Nos. Crane & 01 Nos. Hydra) g) Manpower (02 Team - 20 Nos.)	BHEL	T&P list shall be shared by Padghe site to BHEL on 10.06.24. Expected mobilization from 11.06.2024. Further Shortage of materials is taken up by BHEL & expected supply at site by 14.06.24.
3	Pre-erection testing team (Bushing & turret testing)	BHEL	Planned to start from 11.06.24
4	A frame & Radiator bank installation	BHEL	
5	Pipe & Pump installation work	BHEL	
6	Oil filtration in Storage Tank	BHEL	
7	Cabling Gang (MB to CMB)	BHEL	Work shall be started after erection of ICTs (i.e by 14.06.24)
8	EAR Policy	BHEL	Under Submission. To be submit by 13.06.24

156

POWERGRID

Sh.Alok , ED (W-1)
Sh. S Subramanian, CGM (Projects)
Sh. K. B. Subramanian, CGM (Padghe)
Sh. Nitin V. Bhoyar, GM (PESM), RHQ
Sh. Himadri Bose , GM (Padghe)
Sumegha Katiyar, DGM (PESM)

BHEL Members

S K Jain, GM (RoD - NR-I)
Anshuman Mathur, AGM, (RoD -New Delhi)
M G Thakar, AGM (Bhopal- Technical services)
Shamim Raza, Manager, (RoD - New Delhi)

POWER GRID CORPORATION OF INDIA LTD.

Annx – 01 Encl-1

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / Navsari /TLC/NMTL/ Dec-22

Date: 09/12/2022

To,
The Collector
District - Navsari
Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.-Request for administration support to resolve the ROW issue for implementation of projects-reg.

Respected Sir,

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

As per the Letter Ref NO. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed Power grid to carry out the construction of 400kV M/C New Navsari – Magarwada transmission line.

Above-mentioned transmission line is transverse through the following villages of Taluka Jalapore and Gandevi under Navsari District. However, during construction, there is stiff resistance from villages in starting of foundation work and demanding undue compensation and creating ROW constraints. The details of villages are given below.

SL No.	Village Name	Tahsil Name	District Name
1	Ubhrat	Jalalpore	Navsari
2	Ubhrat	Jalalpore	Navsari
3	Nimalai	Jalalpore	Navsari
4	Mangrol	Jalalpore	Navsari
5	Parujan	Jalalpore	Navsari
6	Chhinam	Jalalpore	Navsari
7	Dalki	Jalalpore	Navsari
8	Mirjapur	Jalalpore	Navsari
9	Tavdi	Jalalpore	Navsari
10	Bodali	Jalalpore	Navsari
11	Paethan	Jalalpore	Navsari
12	Jalalpur	Jalalpore	Navsari

Received

Sl. No.	Village Name	Tahsil Name	District Name
13	Kotahmadi	Jalalpore	Navsari
14	Aethan	Jalalpore	Navsari
15	Kalthan	Jalalpore	Navsari
16	Kharsad	Jalalpore	Navsari
17	Abrama	Jalalpore	Navsari
18	Kotha	Gandevi	Navsari
19	Vaghrech	Gandevi	Navsari
20	Vaghrech	Gandevi	Navsari
21	Vaghrech	Gandevi	Navsari
22	Vaghrech	Gandevi	Navsari

It is to mention that POWERGRID is paying compensation for loss or damages to the affected land owners as per Govt resolution (GR) issued by Govt of Gujarat on 31.12.2021 after assessment and verification by respective Taluka's of Revenue department

We would request you to kindly issue necessary direction to the local revenue department and administration to help to resolve the ROW issue and provide necessary support to resolution of ROW issue for completing this transmission line projects.

Thanking You,

Yours sincerely,

(S Muralidhran)
General Manager (New Navsari)

O/C Bajaj line; M/C

Annx-02

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / Navsari /TLC/NMTL/ Dec-22 Date: 09/12/2022

To,
The SDM
District - Navsari
Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.-Request for administration support to resolve the ROW issue for implementation of projects-reg.

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2	Ubhrat	Jalalpore	Navsari
3	Nimalai	Jalalpore	Navsari
4	Mangrol	Jalalpore	Navsari
5	Parujan	Jalalpore	Navsari
6	Chhinam	Jalalpore	Navsari
7	Dalki	Jalalpore	Navsari
8	Mirjapur	Jalalpore	Navsari
9	Tavdi	Jalalpore	Navsari
10	Bodali	Jalalpore	Navsari
11	Paethan	Jalalpore	Navsari
12	Jalalpur	Jalalpore	Navsari

क्षेत्रीय मुख्यालय : प्लॉट नं.-54, रिया-रेवती रिज़ॉर्ट के पास, समा-सावली रोड, वडोदरा – 390 008(गुजरात) -
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax: 0265-2487544
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

SL No.	Village Name	Tahsil Name	District Name
13	Kotahmadi	Jalalpore	Navsari
14	Aethan	Jalalpore	Navsari
15	Kalthan	Jalalpore	Navsari
16	Khersad	Jalalpore	Navsari
17	Abrama	Jalalpore	Navsari
18	Kotha	Gandevi	Navsari
19	Vaghrech	Gandevi	Navsari
20	Vaghrech	Gandevi	Navsari
21	Vaghrech	Gandevi	Navsari
22	Vaghrech	Gandevi	Navsari

It is to mention that POWERGRID is paying compensation for loss or damages to the affected land owners as per Govt resolution (GR) issued by Govt of Gujarat on 31.12.2021 after assessment and verification by respective Taluka's of Revenue department.

We would request you to kindly issue necessary direction to the local revenue department and administration to help to resolve the ROW issue and provide necessary support to resolution of ROW issue for completing this transmission line projects.

Thanking You,

Yours sincerely,

(S Muralidhran)
General Manager (New Navsari)

O/C Bajaj line ROW

160

Annx-03

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

CIN: L40101DL1989GOI038121 पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

WRTS-II/Projects/ED office/01

Date: 26/12/2022

To,
Hon'ble Energy Minister
Swarnim Sankul-I
First Floor,
Suchivalaya, Gandhinagar,
Gujarat.

Kind Attention : Shri Kanubhai Desai Sir.

Sub: Construction of 400kV M/C New Navsari-Magarwada,400kV D/C Magarwada-Kala transmission line and 765kV D/C Navsari- Padge transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.
- Request for resolution of ROW issues in Navsari & Valsad Districts

Respected Sir,

Power Grid Corporation of India Limited (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country. As per letter Ref No 1/20218/2022, Dated: 04.02.2022 under Sub Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power, GoI has directed POWERGRID to carry out the construction of transmission lines under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B, with in a very tight schedule of 15 months from the date of award. As part of approved scheme, POWERGRID has been mandated to construct 765/400/220 kV New Navsari substation and 765/400 kV New Navsari – Padghe, 400kV New Navsari – Magarwada & 400kV Magarwada – Kala transmission lines. (Copy enclosed at Annexure A)

It is to inform that subject work has already been awarded and the construction work is going on. The above transmission lines are traversing through various villages in Navsari & Valsad Districts and progress is badly affected due to ROW. Work is completely stopped by villagers since September 2022 due to RoW issues. Matter was taken up with district administration time to time but issues are yet to be resolved (Copy of letters are attached at Annexure B).

We would like to inform that POWERGRID is not acquiring any land for construction of transmission line as per Electricity Act. However, we are paying compensation for loss or damages of crop/tree/towers to the affected land owners/farmers as assessed by revenue authorities in line with compensation guideline resolution No.: GET-11-2015-GOI-199-K dated 31-12-2021 issued by Govt of Gujarat (Copy enclosed at Annxure C).

We would request your kind intervene in the matter and advise concern to resolve the ROW issues in Valsad & Navsari district to enable us to compete the work within the schedule time.

Thanking you.

Yours sincerely,

(Krishna Kumar T R)
Executive Director (WRTS-II)

26/12/22

माननीय मंत्रीश्री, ऊर्जा विभाग, गुजरात सचिवालय, गांधीनगर.

Annx-04

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
CIN: L40101DL1989GOI038121 पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

WRTS-II/PROJECTS/ED OFFICE/02

Date: 26/12/2022

To,
The Additional Secretary (Estt/Energy)
Block No. 5, 5th Floor,
Sachivalaya, Gandhinagar,
Gujarat.

Sub: Construction of 400kV M/C New Navsari-Magarwada,400kV D/C Magarwada-Kala transmission line and 765kV D/C Navsari- Padge transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- Request for administration support to resolve the ROW issues in Navsari & Valsad Districts -reg.

Dear Sir,

Power Grid Corporation of India Limited (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country. As per letter Ref No I/20218/2022, Dated: 04.02.2022 under Sub Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power, GoI has directed POWERGRID to carry out the construction of transmission lines under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B, with in a very tight schedule of 15 months from the date of award. (Copy enclosed at Annexure-A).

It is to inform that subject work has already been awarded and the construction work is going on. The above transmission lines are traversing through various villages in Navsari & Valsad Districts and progress is badly affected due to ROW. Work is completely stopped by villagers since September 2022 due to RoW issues. Matter was taken up with district administration time to time but issues are yet to be resolved (copy of letters enclosed at Annexure-B).

We would like to inform that, POWERGRID is paying compensation for loss or damages of crop/tree/towers to the affected land owners/farmers as assessed by revenue authorities in line with compensation guideline resolution No.: GET-11-2015-GOI-199-K dated 31-12-2021 issued by Govt of Gujarat (Copy enclosed at Annexure-C).

We would request to kindly intervene in the matter to resolve the ROW issues in Valsad & Navsari district to enable us to compete the work within the schedule time.

Thanking you.

Yours sincerely,

(Krishna Kumar T R)
Executive Director (WR-II)

D/C

Copy to : Principal Secretary (Energy & Petrochemical)

પેટ્રોકેમીકલ્સ વિભાગ
સચિવાલય, ગાંધીનગર
27 DEC 2022

POWER GRID CORPORATION OF INDIA LTD.

Anx-05

Bhakti Shamal
Deputy Secretary

No.GET-11-2020-2513-K
Government of Gujarat,
Energy & Petrochemicals Deptt
Block No.5, 5th Floor
Sachivalaya, Gandhinagar
☎ 079 232 50 779
079 232 50 797

29 DEC 2022

To,
The Collector,
District Collector Office,
Valsad

Sub: -To support the construction work of (1) 400KV M/C Navsari-Magarwada (2) 400KV D/C Magarwada-Kala and (3) 765 KV Navsari-Padhge Transmission line.

296

M/S Power grid Corporation of India limited (A Government of India Enterprises under Ministry of Power), a CPSU (Central Public Sector undertaking) under Ministry of Power, Government of India has been mandated to implement transmission system and EHV substation across the country. Ministry of Power, GOI has directed M/S Powergrid to carry out the construction of transmission lines under transmission network expansion in Gujarat to increase its ATC from ISTS: part B, with in a very tight schedule of 15 months from the date of award 04.02.2022.

The Components of the project coming in the Valsad district is here under,

(1) 400KV M/C Navsari-Magarwada Transmission line.
(2) 400KV D/C Magarwada-Kala Transmission line
(3) 765 KV Navsari-Padhge Transmission line.

It is to inform that subject work has already been awarded and the construction work is going on. The above transmission lines are traversing through various villages in Valsad districts. The company is facing severe RoW issues while constructing transmission lines at various villages of Valsad district.

POWER GRID CORPORATION

Support Required:-

To provide administration support to M/S Power grid Corporation of India limited by resolving RoW issues for construction work of transmission lines at various villages of Valsad district.

It is requested to get the RoW issues resolved for construction work of transmission lines at various villages of Valsad district on top priority. The detail of villages/Taluka regarding RoW issue is attached herewith.

With Regards,

Yours Sincerely,

(Bhakti Shamal)

297

Encl: As Above

POWER GRID CORPORATION OF INDIA LTD.

ANNEXURE-I		
400KV,D/C Magaewada-Kala Transmission line. District-Valsad		
SrNo	Village name	Taluka
1	Mohan	Umargam
2	Karambeli	Umargam
3	Zaroli	Umargam

400KV,M/C Navsari-Magaewada Transmission line. District-Valsad		
SrNo	Village name	Taluka
1	Endergota	Valsad
2	Khajurdi	Valsad
3	Fanaswada	Valsad
4	Kochwada	Valsad
5	Ovada	Valsad
6	Jujwa	Valsad

765KV,D/C Navsari-Padhge Transmission line. District-Valsad		
SrNo	Village name	Taluka
1	Dhanori	Valsad
2	Bhanji falia	Valsad
3	Tighara	Valsad
4	Atgam	Valsad
5	Segva	Valsad

298

POWER GRID CORPORATION OF INDIA LTD.

Annx-06

Bhakti Shamal
Deputy Secretary

No.GET-11-2020-2513-K
Government of Gujarat,
Energy & Petrochemicals Deptt
Block No.5, 5th Floor
Sachivalaya, Gandhinagar
☎ 079 232 50 779
079 232 50 797

29 DEC 2022

To,
The Collector,
District Collector Office,
Navsari

Sub: -To support the construction work of (1) 400KV M/C Navsari-Magarwada (2) 765 KV Navsari-Padhge Transmission line.

M/S Power grid Corporation of India limited (A Government of India Enterprises under Ministry of Power), a CPSU (Central Public Sector undertaking) under Ministry of Power, Government of India has been mandated to implement transmission system and EHV substation across the country. Ministry of Power, GOI has directed M/S Powergrid to carry out the construction of transmission lines under transmission network expansion in Gujarat to increase its ATC from ISTS: part B, with in a very tight schedule of 15 months from the date of award 04.02.2022.

299

The Components of the project coming in the Navsari district is here under,

(1) 400KV M/C Navsari-Magarwada Transmission line.
(2) 765 KV Navsari-Padhge Transmission line.

It is to inform that subject work has already been awarded and the construction work is going on. The above transmission lines are traversing through various villages in Navsari districts. The company is facing severe RoW issues while constructing transmission lines at various villages of Navsari district.

Support Required:-
To provide administration support to M/S Power grid Corporation of India limited by resolving RoW issues for construction work of transmission lines at various villages of Navsari district.

POWER GRID CORPORATION OF INDIA LTD.

It is requested to get the RoW issues resolved for construction work of transmission lines at various villages of Navsari district on top priority. The detail of villages/Taluka regarding RoW issue is attached herewith.

With Regards,

Yours Sincerely,

(Bhakti Shamal)

Encl: As Above

300

167

ANNEXURE-I		
400KV M/C Navsari-Magarwada Transmission line. District-Navsari		
SrNo	Village name	Taluka
1	Ubhrat	Jalalpore
2	Ubhrat	Jalalpore
3	Nimalai	Jalalpore
4	Mangrol	Jalalpore
5	Parujan	Jalalpore
6	Chhinam	Jalalpore
7	Dalki	Jalalpore
8	Mirjapur	Jalalpore
9	Tavdi	Jalalpore
10	Bodali	Jalalpore
11	Paethan	Jalalpore
12	Jalalpore	Jalalpore
13	Kotahmadi	Jalalpore
14	Aethan	Jalalpore
15	Kalthan	Jalalpore
16	Kharsad	Jalalpore
17	Abrama	Jalalpore
18	Kotha	Gandevi
19	Vaghrech	Gandevi
20	Vaghrech	Gandevi
21	Vaghrech	Gandevi
22	Vaghrech	Gandevi

301

POWER GRID CORPORATION OF INDIA LTD.

168

ANNEXURE-I		
765KV,D/C Navsari-Padghe Transmission line. District-Navsari		
SrNo	Village name	Taluka
1	Ubhrat	Jalalpore
2	Nimali	Jalalpore
3	Mangrol	Jalalpore
4	Karankhat	Jalalpore
5	Parujan	Jalalpore
6	Dalki	Jalalpore
7	Simalgam	Jalalpore
8	Chhinam	Jalalpore
9	Mirjapur	Jalalpore
10	Tavdi	Jalalpore
11	Jalalpore	Jalalpore
12	Bodali	Jalalpore
13	Pethan	Jalalpore
14	Ethan	Jalalpore
15	Eroo	Jalalpore
16	Bhutsad	Jalalpore
17	Mandir	Jalalpore
18	Abrama	Jalalpore
19	Sarav	Jalalpore
20	Karod Kothva	Jalalpore
21	Kharsad	Jalalpore
22	Kotha	Gandevi
23	Vasan	Gandevi
24	Chhapar	Gandevi
25	kalamtha	Gandevi
26	Morali	Gandevi
27	Vaghrech	Gandevi
28	Govandi Bhathala	Gandevi
29	khaparwada	Gandevi
30	Vangam	Gandevi

302

POWER GRID CORPORATION OF INDIA LTD.

Annx-07

Bhakti Shamal
Deputy Secretary

No.GET-11-2020-2513-K
Government of Gujarat,
Energy & Petrochemicals Deptt
Block No.5, 5th Floor
Sachivalaya, Gandhinagar
079 232 50 779
079 232 50 797

29 DEC 2022

To,
The Collector,
District Collector Office,
Navsari

Sub: -To support the construction work of (1) 400KV M/C Navsari-Magarwada (2) 765 KV Navsari-Padhge Transmission line.

M/S Power grid Corporation of India limited (A Government of India Enterprises under Ministry of Power), a CPSU (Central Public Sector undertaking) under Ministry of Power, Government of India has been mandated to implement transmission system and EHV substation across the country. Ministry of Power, GOI has directed M/S Powergrid to carry out the construction of transmission lines under transmission network expansion in Gujarat to increase its ATC from ISTS: part B, with in a very tight schedule of 15 months from the date of award 04.02.2022.

303

The Components of the project coming in the Navsari district is here under,

(1) 400KV M/C Navsari-Magarwada Transmission line.
(2) 765 KV Navsari-Padhge Transmission line.

It is to inform that subject work has already been awarded and the construction work is going on. The above transmission lines are traversing through various villages in Navsari districts. The company is facing severe RoW issues while constructing transmission lines at various villages of Navsari district.

Support Required:-
To provide administration support to M/S Power grid Corporation of India limited by resolving RoW issues for construction work of transmission lines at various villages of Navsari district.

POWER GRID CORPORATION OF INDIA

170

It is requested to get the RoW issues resolved for construction work of transmission lines at various villages of Navsari district on top priority. The detail of villages/Taluka regarding RoW issue is attached herewith.

With Regards,

Yours Sincerely,

Bhakti Shamal

(Bhakti Shamal)

Encl: As Above

304

POWER GRID CORPORATION OF INDIA LTD.

ANNEXURE-I		
400KV,M/C Navsari-Magarwada Transmission line. District-Navsari		
SrNo	Village name	Taluka
1	Ubhrat	Jalalpore
2	Ubhrat	Jalalpore
3	Nimalai	Jalalpore
4	Mangrol	Jalalpore
5	Parujan	Jalalpore
6	Chhinam	Jalalpore
7	Dalki	Jalalpore
8	Mirjapur	Jalalpore
9	Tavdi	Jalalpore
10	Bodali	Jalalpore
11	Paethan	Jalalpore
12	Jalalpore	Jalalpore
13	Kotahmadi	Jalalpore
14	Aethan	Jalalpore
15	Kalthan	Jalalpore
16	Kharsad	Jalalpore
17	Abrama	Jalalpore
18	Kotha	Gandevi
19	Vaghrech	Gandevi
20	Vaghrech	Gandevi
21	Vaghrech	Gandevi
22	Vaghrech	Gandevi

305

POWER GRID CORPORATION OF INDIA LTD.

172

ANNEXURE-I		
765KV,D/C Navsari-Padghe Transmission line. District-Navsari		
SrNo	Village name	Taluka
1	Ubhrat	Jalalpore
2	Nimali	Jalalpore
3	Mangrol	Jalalpore
4	Karankhat	Jalalpore
5	Parujan	Jalalpore
6	Dalki	Jalalpore
7	Simalgam	Jalalpore
8	Chhinam	Jalalpore
9	Mirjapur	Jalalpore
10	Tavdi	Jalalpore
11	Jalalpore	Jalalpore
12	Bodali	Jalalpore
13	Pethan	Jalalpore
14	Ethan	Jalalpore
15	Eroo	Jalalpore
16	Bhutsad	Jalalpore
17	Mandir	Jalalpore
18	Abrama	Jalalpore
19	Sarav	Jalalpore
20	Karod Kothva	Jalalpore
21	Kharsad	Jalalpore
22	Kotha	Gandevi
23	Vasan	Gandevi
24	Chhapar	Gandevi
25	kalamtha	Gandevi
26	Morali	Gandevi
27	Vaghrech	Gandevi
28	Govandi Bhathala	Gandevi
29	khaparwada	Gandevi
30	Vangam	Gandevi

306

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Annx—08

पावरग्रिड
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

संदर्भ : प.क्षेत्र-२/न्यू नवसारी निर्माण/ROW/11 तारीख : 31.12.2022

प्रति ,
એક્ઝિક્યુટિવ મેજિસ્ટ્રેટ અને મામલતદાર શ્રી,
મામલતદાર કચેરી જલાલપોર,
નવસારી.

<u>विषय : 765 केवी डबल सर्किट न्यू नवसारी पडघे वीज लाईन अने 400 केवी मल्टी सर्किट न्यू नवसारी मठरवाडा वीजलाइन ना निर्माण कार्य- ग्राम सभा ना आयोजन द्वारा जरूरी वहीवटी सहाय मेळववा बाबत.</u>

माननीय साहेबश्री,

पावर ग्रीड कोर्पोरेशन ओफ इंडिया लिमिटेड (भारत सरकारनुं साहस) ऊर्जा मंत्रालय भारत सरकारनी सरकारी कंपनी छे. विद्युत अधिनियम, २००३ नी कलम १६४ अन्वये, भारत सरकारना हुकमथी विजळीना प्रवाहन माटे जरूरी विजळीनी लाईनो नाखवा अने तेनी जाळवणी करवा माटे तथा भविष्यमां आ प्रकारनी लाईनो नाखवा अने जाळववा माटेना योग्य मूंकलन माटे भारतीय तार अधिनियम १८८५ ना भाग ३ अन्वये नी बधी सत्ताओनो उपयोग करवा माटे पावरग्रीड अधिकृत छे जे २४ मी डिसेम्बर २००३ ना भारत सरकारना राजपत्र, असाधारण, भाग-II, विभाग 3-पेटा कलम (ii) मां प्रसिद्धित करवामां आवेल छे. विद्युत अधिनियम, २००३ नी कलम ६८ ना पेटा विभाग (१) ना अंतर्गत <u>765 केवी डबल सर्किट न्यू नवसारी - पडघे अने 400 केवी मल्टी सर्किट न्यू नवसारी - मठरवाडा वीज लाईन</u> निर्माण करवानी पूर्व मंजूरी पावरग्रीड ने मळेल छे.

भारतीय तार अधिनियम १८८५ ना भाग १०(डी) प्रमाणे नुकसानનો अहेवाल એક્ઝીક્યુટિવ मेजिस्ट्रेट/महेसूल विभागने वळतरनी आकारणी माटे रजू करवामां आवे छे. टावरना फाउन्डेशन/टावर ઉભા કરવાનું /तार खेंचवानुं कार्य पूर्ण थया बाद महेसूल विभाग द्वारा करेल नुकसानની આકારણી प्रमाणे नुकसानનું વળતર પાવરગ્રીડ દ્વારા જમીન માલિક/ ખેડૂતોને RTGS દ્વારા વળતર ની રકમ સીધી તેમના બેંક ખાતા જમા કરવામાં આવે છે. પ્રભાવિત ખેડૂતો ને ગુજરાત સરકાર ના ઉર્જા અને પેટ્રોકેમિકલ્સ વિભાગ ના ઠરાવ ક્રમાંક: જીઓટી- 11- 2015-જીઓઆઈ- 199-કે. સચિવાલય, ગાંધીનગર. તા: 31.12.2021 ની જોગવાઈ મુજબ જમીન ની પ્રતિ ચોરસ મીટર ની કિંમત નક્કી કરી ટાવર ના ચાર પાયા વચ્ચે આવેલ જમીન ના 85% અને તાર નીચે ની જમીન ના 15% મુજબ જમીન નું વળતર ચૂકવવામાં આવે છે.

ઉપરોક્ત સંદર્ભિત વીજલાઇન નવસારી જિલ્લા ના જલાલપોર તાલુકા ના નીચે દર્શાવેલ ગામો માંથી પસાર થશે જેમાં પ્રભાવિત ખેડૂત ખાતેદારો ને વીજલાઇન નિર્માણ કાર્ય દરમ્યાન થયેલ પાક/ઝાડ નુકસાની તથા જમીન વળતર આપવાની કાર્યવાહી કરવામા આવશે.

207

31/12/22

194

ક્રમ નં.	વીજ લાઇન નું નામ	જિલ્લો	તાલુકો	ગામ નો વિગત
૧	૭૬૫ કે.વી. કવાસ સર્કિટ ન્યુ નવસારી - પડઘે (મહારાષ્ટ્ર) ટ્રાન્સમીશન લાઈન.	નવસારી	જલાલપોર	દીપલા,ઉભરાટ,નિમલાઈ,માંજરોળ,પરૂજણ,કાલીડી,સીમળગામ,મીરજાપોર,છીણમ, તવડી,બોદાલી,જલાલપોર,પેથાણ,એથાણ,એરૂ,લુતસાડ,મંદિર,આટ,સરાવ, કારેકોઢવા,અબ્રામા,ખરસાડ,કોઠામડી,કલથાણ
૨	૪૦૦ કે.વી. મલ્ટી સર્કિટ ન્યુ નવસારી - મગરવાડા ટ્રાન્સમીશન લાઈન.			ઉભરાટ,નિમલાઈ,માંજરોળ,પરૂજણ,છીણમ,કાલીડી, મીરજાપોર,તવડી, બોદાલી, પેથાણ,જલાલપોર,કોઠામડી,એથાણ,કલથાણ,ખરસાડ,અબ્રામા

ઉપરોક્ત સંદર્ભિત વિજલાઇન ના નિર્માણ માટે પાવરગ્રીડ દ્વારા લુતસાડ,મંદિર,અબ્રામા, સરાવ અને ખરસાડ મા લાઇન સર્વે નું કામ પૂર્ણ થયેલ છે પરંતુ, આ ગામ ના ખેડૂત ખાતેદારો નો ઉગ્ર વિરોધ હોવાને કારણે ઉપરોક્ત લાઇન નું નિર્માણ કાર્ય શરૂ કરવામાં અડચણ ઊભી થઈ રહી છે. પ્રભાવિત સર્વે નંબર ના ખેડૂત ખાતેદારો ની યાદી આ સાથે સંલગ્ન છે. આપ સાહેબ શ્રી ને નમ્ર વિનંતી છે કે, સંલગ્ન યાદી મા દર્શાવેલ ગામ ના પ્રભાવીત ખેડૂતો ભારત સરકાર ના આ ભગીરથ કાર્ય ને સમયસર પૂર્ણ કરવા માટે સહયોગ કરે જેના માટે સંદર્ભિત ગામ માટે ગ્રામ સભા નું આયોજન કરી દેશહિત ના કાર્ય ને ગતિ મળે તે માટે જરૂરી સહાય કરશો જી.

આભાર સહ,

આપનો વિશ્વાસુ,

31.12.22

(લાલેશ કુમાર બનસોડ)
ચીફ મેનેજર.
પાવરગ્રીડ ન્યુ નવસારી.

નવી–II, નયસારી જી.આઈ.એસ. 400/220 કેવી સબસ્ટેશન, ગામ – દસ્તાન, તા. પલસાના, જિલ્લા – સુરત, ગુજરાત. 394 310. મો: 9408435268
WR-II, Navsari GIS 400/220 KV Sub-Station, Village - Dastan, Ta. Palsana, Dist. Surat, Gujarat - 394 310. Mob.: 9408435268
GST NO. 24AAACP0052Q1ZZ / Email : navsaris@powergrid.nic
306
केन्द्रीय कार्यालय : "सौदामिनी", प्लॉट नं. 2, सेक्टर–29, गुरुग्राम–122001, (हरियाणा). दूरभाष 0124-2571705-719
Corporate Office : "Saudamini", Plot No. 2, Sector-29, Gurugram-122001, (Haryana) Tel.: 0124-2571700-719
पंजीकृत कार्यालय : बी–9, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110016 दूरभाष : 011-26560112, 26560121, 26564812, 26564892, वेबसाईट : L40101DL1
CIN: L40101DL1989GOI

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पावरग्रिड
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

પત્ર ક્રમાંક : પ્ર.ક્ષેત્ર-૨/ન્યુ નવસારી નિર્માણ/૨૦૨૩/૧૮૮

તારીખ : 02.01.2023

પ્રતિ,
સબ ડિવિઝનલ મેજિસ્ટ્રેટ શ્રી,
પ્રાંત કચેરી જલાલપોર,
નવસારી.

વિષય : 765 કેવી ડબલ સર્કિટ ન્યુ નવસારી પડઘે વીજ લાઈન અને 400 કેવી મલ્ટી સર્કિટ ન્યુ નવસારી મગરવાડા વીજલાઇન ના નિર્માણ કાર્ય- ગ્રામ સભા ના આયોજન દ્વારા જરૂરી વહીવટી સહાય મેળવવા બાબત.

માનનીય સાહેબશ્રી,

પાવર ગ્રીડ કોર્પોરેશન ઓફ ઇન્ડિયા લિમિટેડ (ભારત સરકારનું સાહસ) ઉર્જા મંત્રાલય ભારત સરકારની સરકારી કંપની છે. વિદ્યુત અધિનિયમ, 2003 ની કલમ ૧૬૪ અન્વયે, ભારત સરકારના હુકમથી વિજળીના પ્રવાહન માટે જરૂરી વિજળીની લાઈનો નાખવા અને તેની જાળવણી કરવા માટે તથા ભવિષ્યમાં આ પ્રકારની લાઈનો નાખવા અને જાળવવા માટેના યોગ્ય સંકલન માટે ભારતીય તાર અધિનિયમ ૧૮૮૫ ના ભાગ 3 અન્વયે ની બધી સત્તાઓનો ઉપયોગ કરવા માટે પાવરગ્રીડ અધિકૃત છે જે ૨૪ મી ડિસેમ્બર 2003 ના ભારત સરકારના રાજપત્ર, અસાધારણ, ભાગ-II, વિભાગ 3-પેટા કલમ (ii) માં પ્રકાશિત કરવામાં આવેલ છે. વિદ્યુત અધિનિયમ, 2003 ની કલમ ૬૮ ના પેટા વિભાગ (૧) ના અંતર્ગત 765 કેવી ડબલ સર્કિટ ન્યુ નવસારી - પડઘે અને 400 કેવી મલ્ટી સર્કિટ ન્યુ નવસારી - મગરવાડા વીજ લાઈન નિર્માણ કરવાની પૂર્વ મંજૂરી પાવરગ્રીડ ને મળેલ છે.

ભારતીય તાર અધિનિયમ ૧૮૮૫ ના કલમ ૧૦(ડી) પ્રમાણે નુકશાનનો અહેવાલ એડીજીક્યુટીવ મેજિસ્ટ્રેટ/મહેસુલ વિભાગને વળતરની આકારણી માટે રજૂ કરવામાં આવે છે. ટાવરના ફાઉન્ડેશન/ટાવર ઉભા કરવાનું /તાર ખેચવાનું કાર્ય પૂર્ણ થયા બાદ મહેસુલ વિભાગ દ્વારા કરેલ નુકશાનની આકારણી પ્રમાણે નુકશાનનું વળતર પાવરગ્રીડ દ્વારા જમીન માલિક/ ખેડૂતોને RTGS દ્વારા વળતર ની રકમ સીધી તેમના બેંક ખાતા જમા કરવામાં આવે છે. પ્રસ્તાવિત ખેડૂતો ને ગુજરાત સરકાર ના ઉર્જા અને પેટ્રોકેમિકલ્સ વિભાગના ઠરાવ ક્રમાંક: જીઇટી- 11- 2015-જીએઆઈ- 199-ક, સચિવાલય, ગાંધીનગર. તા: 31.12.2021 મુજબ જમીન ની પ્રતિ ચોરસ મીટર ની કિમત નક્કી કરી ટાવર ના ચાર પાયા વચ્ચે આવેલ જમીન ના 85% અને તાર નીચે ની જમીન ના 15% મુજબ જમીન નું વળતર ચૂકવવામાં આવે છે.

POWER GRID CORPORATION OF INDIA LTD.

176

ઉપરોક્ત સદર્ભિત વીજલાઇન નવસારી જિલ્લા ના જલાલપોર તાલુકા ના નીચે દર્શાવેલ ગામો માંથી પસાર થતી જેમા પ્રભાવિત ખેડૂત ખાતેદારો ને વીજલાઇન નિર્માણ કાર્ય દરમ્યાન થયેલ પાક/ઝાડ નુકસાની તથા જમીન વળતર આપવાની કાર્યવાહી કરવામા આવશે.

ક્રમ	લાઇન નુ નામ	જિલ્લો	તાલુકો	ગામ નું વિગત
1	765 કે.વી. કવાલ મર્કેટ નુ નવસારી - વડોદ (ગુજરાત) ટ્રાન્સમીશન લાઈન	નવસારી	જલાલપોર	દીપલા,ઉભરાટ,નિમલાઈ,માઝરોલા,પરૂજણ,દાલડી,સીમળાગામ,મીરજાંપોર,છીણમ, તવડી,બોદાલી,જલાલપોર,પેયાણ,એભાણ,એરૂ,ભૂતસાડ,મંદિર,આટ,સરાવ, કાશેડ,ઘેકવા,અબ્રામા,ખરસાડ,કોલામડી,કલયાણ
2	400 કે.વી મલ્ટી મર્કેટ નુ નવસારી - મગરવાડા ટ્રાન્સમીશન લાઈન			ઉભરાટ,નિમલાઈ,માઝરોલા,પરૂજણ,છીણમ,દાલડી, મીરજાપોર,તવડી, બોદાલી, પેયાણ,જલાલપોર,કોલામડી,એભાણ,કલયાણ,ખરસાડ,અબ્રામા

ઉપરોક્ત સદર્ભિત વિજલાઇન ના નિર્માણ માટે પાવરગ્રીડ દ્વારા ભૂતસાડ,મંદિર,અબ્રામા, સરાવ અને ખરસાડ મા લાઇન સર્વે નુ કામ પૂર્ણ થયેલ છે પરંતુ, આ ગામ ના ખેડૂત ખાતેદારો નો ઉગ્ર વિરોધ હોવાને કારણે ઉપરોક્ત લાઇન નું નિર્માણ કાર્ય શરૂ કરવામા અડચણ ઊભી થઈ રહી છે. પ્રભાવિત સર્વે નંબર ના ખેડૂત ખાતેદારો ની યાદી આ સાથે સંલગ્ન છે. આપ સાહેબ શ્રી ને નમ્ર વિનંતી છે કે, સંલગ્ન યાદી મા દર્શાવેલ ગામ ના પ્રભાવીત ખેડૂતો ભારત સરકાર ના આ ભગીરથ કાર્ય ને સમયસર પૂર્ણ કરવા માટે સહયોગ કરે જેના માટે સદર્ભિત ગામ માટે ગ્રામ સભા નુ આયોજન કરી દેશહિત ના કાર્ય ને ગતિ મળે તે માટે જરૂરી સહાય કરશો જી.

આભાર સહ.

આપનો વિશ્વાસુ,

(એસ મુરલીધરન)
જનરલ મેનેજર:
પાવરગ્રીડ ન્યુ નવસારી.

પ.કે-II, નવસારી જી.આઈ.એસ. 400/220 કેવી સબસ્ટેશન, વિલેજ - દાસ્તાન, તા. પલસાણા, જિલ્લા – સુરત, ગુજરાત. 394 310. મો. 9408495268
WA-II, Navsari GIS 400/220 kV Sub-Station, Village - Dastan, Ta. Palsana, Dist. Surat, Gujarat - 394 310. Mob.: 9408495268
GST NO. 24AAACP0252G1ZZ / Email : navsaiss@powergrid.co.in
કોર્પોરેટ કાર્યાલય : "સૌદામિની", પ્લોટ નં: 2, સેક્ટર-29, ગુરુગ્રામ-122001, હરિયાણા, દૂરભાષ 0124-2571700-719
Corporate Office : "Saudamini", Plot No. 2, Sector-29, Gurugram-122001, (Haryana) Tel. : 0124-2571700-719
નોંધણી કાર્યાલય : બી-9, કુતબ ઇન્સ્ટીટયુશનલ એરિયા, કટવારિયા સરાય, નઈ દિલ્લી – 110 016 દૂરભાષ : 011-26560112, 26560121, 26564812, 26564892, વેબસાઈટ : L40101DL1989GOI038121

Annx-10

पावरग्रिड
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

Ref: WR-2 / Navsari/TLC/ROW/ Jan.23/3

Date: 04/01/2023

To,
The Collector & District Magistrate
District - Navsari,
Gujarat.

Sub: Construction of 765kV D/C New Navsari – Padhge transmission line and 400KV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.-**Request for administration support to resolve the ROW issue for implementation of projects-reg.**

Letter reference no: -

(1) WR 2/New Navsari/TLC/ dtd. 02.11.2022
(2) WR 2/Navsari/TLC/NMTL/Dec-22 dtd. 09.12.2022
(3) WR 2/Navsari/TLC/NPTL/Dec-22 dtd. 09.12.2022
(4) WR 2/Navsari/TLC/MKTL/Dec-22/2 dtd. 21.12.2022
(5) WR 2/Navsari/TLC/MKTL/Dec-22/2 dtd. 21.12.2022
(6) WR 2/Navsari/TLC/MKTL/Dec-22/3 dtd. 23.12.2022
(7) WRTS-II/Projects/ED office/01 dtd. 26.12.2022
(8) Letter dtd 29.12.2022 from Deputy Secretory, Govt of Gujarat Energy and petro chemical deptt
(9) પ. ક્ષેત્ર -૨/ ન્યૂ નવસારી/ વિપ્રવિ/ROW/11 Date 31.12.2022
(10)પ. ક્ષેત્ર -૨/ ન્યૂ નવસારી/ વિપ્રવિ/ROW/12 Date 02.01.2023

Dear Sir,

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

As per the Letter Ref NO. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed Power grid to carry out the construction of 765kV D/C New Navsari – Padhge transmission line and 400KV M/C New Navsari – Magarwada transmission line The village wise list is enclosed at Annex-I.

The above transmission line is traversing through various villages in Navsari district and progress is badly affected due to severe ROW issues. ROW issues were taken up with district administration time to time, however still issues are yet to be resolved. The copy of communications with administrations are enclosed.

We have started construction activities at Location No. 7/3, Village Karankhat Jalalpore Taluka,however sarpanch and local residences of Karankhat, Simalgam, Dalki,Panujan ,Dipla Nimlai, Kharsad, Sarav village has been rushed to the working site and stopped ongoing work

It is to mention that POWERGRID will pay compensation for loss or damages to the affected land owners as per Govt resolution (GR) issued by Govt of Gujarat on 31.12.2021 after assessment and verification by respective Taluka's of Revenue department

We would request you to kindly intervene in the matter and provide necessary support to resolution of ROW issue for completing this transmission line projects.

Thanking you,

Yours sincerely,

(R K Gupta)
Chief General Manager (Projects)

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System - II, Regional Headquarters

Ref: WRTS-II/NEW NAVSARI/TLC/Construction/Jan23/27
To,

Date: 20.01.2023

The District Collector,
Collector office,
Navsari.

Subject: Construction of 400 KV M/C New Navsari Magarwada Transmission line. – Regarding support for Construction activities in Government Land.

Respected Sir,
Power grid Corporation of India Ltd. (POWERGRID) is A Government of India Enterprise "Maharatna" Public Sector Undertaking, having its registered office at B-9, Qutub Institutional Area, Katwaria Sarai, New Delhi-110016. In accordance to section – 164 of the Indian Electricity Act, 2003, Ministry of Power, Govt. of India has conferred the power of Telegraph authority under Part- III of The Indian Telegraph Act, 1885 to Power Grid Corporation of India Ltd. (POWERGRID)Vide Notification No. S.O. 1463 (E) published in the Extraordinary Official Gazette of India on 24.12.2003.

Further as per the Letter Ref NO. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed Power grid to implement of 400 KV Multi Circuit New Navsari Magarwada Transmission line construction.
During survey of above mentioned transmission line, few of Towers are spotted in Government Land of Jalalpore and Gandevi Taluka, Navsari District. Village wise towers details are as under.

Sr. No	Name Of village and Taluka	Government Survey No.	Location No.
1	Abrama, Jalalpore	298	12/2, QA+6
2	Abrama, Jalalpore	303	12/3, QA+4.5
3	Abrama, Jalalpore	303,2755	12/4, QA+6
4	Chhapar, Gandevi	1147	14/05, QA+9
5	Chhapar, Gandevi	1147	14/06, QA+9

It is to mentioned that, there is provision of Land Compensation for used area of Government land for tower construction, as per Gujarat government Guideline GET -11-2-15-GOI-199-K Dated 14.06.2017 (Copy Enclosed). POWERGRID shall pay compensation towards used government land for tower construction. During execution of work in above mention locations, we are facing heavy resistance from residence of Abrama and chhapar villages.

It is requested, kindly support to commencement of tower construction activities in above mentioned locations of government land.

Thanking you.

Received
20/1/23
પ્રાપ્ત કરી રસીદ
ગંડેવડ્ડ ગંડેવી,
નવસારી

Yours Faithfully,
20.01.23
(Labhesh Kumar Bansod)
Chief Manager , New Navsari

Copy To: 1) SDM, Navsari

2) Mamlatdar Jalalpor, Gandevi

179

312

I/20218/2022

File No.CEA-PS-11-23(20)/1/2018-PSPA-I Division

सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

सचिव कार्यालय

Secretary Office

सेवा में / To,

Shri Jasbir Singh,
CGM (Corporate Planning),
PGCIL, Saudamini, Plot-2,
Sector- 29, Gurugram-122001

विषय / Sub: Prior approval of the Government of India under Section 68(1) of the Electricity Act 2003, for installation of the overhead transmission lines included in the transmission scheme-"Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B"-reg.

संदर्भ / Reference: PGCIL's letter no. C/CP/TS for Gujarat Part-B dated 17.01.2022.

महोदय / Sir,

Power Grid Corporation of India Limited (PGCIL) vide letter under reference has sought prior approval of Government of India under Section 68(1) of Electricity Act 2003, for installation of the overhead transmission lines included in the transmission scheme-"Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B" with the following scope of works:

Sl. No.	Scope of the Works	Capacity/km
1.	Establishment of 765/400/220 kV Navsari (new) (South Gujarat) S/s (GIS) Space provisions for Future Scope 765/400 kV ICT: 4 nos. 400/220 kV ICT: 4 nos. 765 kV line bays along with space for switchable line reactor: 8 nos. 400 kV line bays along with space for switchable line reactor: 6 nos. 220 kV line bays: 16 nos.	765/400 kV, 1500 MVA- 2 nos. (7 x 500 MVA inc. 1 spare unit) 400/220 kV, 500 MVA-3 nos. 765 kV ICT bays- 2 nos. 765 kV GIS line bays -2 (for Pludge line) 400 kV ICT bays- 5 nos. 400 kV line bays - 4 nos. (for Kala and Magarwada lines) 220 kV ICT bays- 3 nos. 765 kV, 330 MVAr BR:- 2 nos.

313

सेवा भवन, आर. के. पुरम-I, नई दिल्ली-110066 टेलिफोन: 011-26102045 ईमेल: ceo-cea@nic.in वेबसाइट www.cea.nic.in
Sewa Bhawan, R.K Puram-I, New Delhi-110066 Telefax: 011-26102045 email: ceo-cea@nic.in Website: www.cea.nic.in

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180

Sl. No.	Scope of the Works	Capacity/km
		(7x110 MVAr including 1 switchable spare unit) 1x80 MVAr single phase switchable spare unit (for Ahmedabad- Navsari (New) (South Gujarat) 765 kV D/c line) 765 kV Bus Reactor bays - 2 nos. 400 kV, 125 MVAr Bus Reactor- 1 400 kV Bus Reactor bay- 1 no.
2.	Navsari (New) (South Gujarat) (GIS) – Kala (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) with 63 MVAr switchable line reactor on each ckt at Navsari (new) (GIS) end.	- 110 km - 400 kV GIS line bays- 2 nos. (at Kala) - 63 MVAr, 400 kV SLR along with switching equipments- 2 nos
3.	Navsari (New) (South Gujarat) (GIS)- Magarwada (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)	- 80 km - 400 kV GIS line bays- 2 nos. (at Magarwada)
4.	Navsari (New) (South Gujarat) (GIS) - Padghe (GIS) 765 kV D/c line with 330 MVAr, 765 kV Switchable line reactor on each ckt at Navsari (New) (South Gujarat) end.	-200 km -765 kV GIS line bays- 2 nos (at Padghe) -765 kV, 330 MVAr SLR - 2 nos (6 x 110 MVAr)
5.	Augmentation of transformation capacity at Padghe (GIS) 765/400 kV substation by 1x1500 MVA ICT. The available spare equipped bays (765kV bay: existing & 400 kV bay under WRSS XIX scheme) at Padghe (GIS) S/s shall be utilized for the subject ICT.	765/400 kV, 1500 MVA- 1 no.

314

2. Ministry of Power vide letter No. 15/3/2018- Trans-Part (1) dated 13.01.2022 has approved the implementation of the above mentioned transmission scheme through Regulated Tariff Mechanism (RTM) route with PGCIL as the implementing agency.

3. Accordingly, CEA conveys prior approval of Government under Section 68(1) of Electricity Act 2003, to PGCIL for installation of the following overhead transmission lines included in the transmission scheme- "Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B":

i. Navsari (New) (South Gujarat) (GIS) – Kala (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) (length about 110 km)

POWER GRID CORPORATION OF INDIA LTD.

ii. Navsari (New) (South Gujarat) (GIS)- Magarwada (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) (length about 80 km)

iii. Navsari (New) (South Gujarat) (GIS) – Padghe (GIS) 765 kV D/c line (length about 200 km)

4. This approval is subject to compliance of:

a) The relevant provisions of the Electricity Act 2003, as amended from time to time and the rules and regulations made there under; and

b) CEA (Measures relating to Safety and Electrical Supply) Regulations 2010, and any subsequent amendments made thereto.

5. This approval is also subject to the following conditions:

(i) The implementing agency will commence construction of the project within three years of grant of approval, unless this term is extended by Central Electricity Authority.

(ii) Central Electricity Authority may withdraw the approval before the expiry of the period of three years after giving a one-month notice.

(iii) If the route of the overhead transmission lines covered under the transmission scheme passes through the GIB zone marked in the map which is part of the Hon'ble Supreme Court order dated 19.04.2021, in the petition No.838 of 2019, regarding GIB (Great Indian Bustard) case, the implementing agency shall comply with the decision of Hon'ble Supreme Court of India in its Order in I.A. No. 85618 of 2020 dated 19.04.2021 in Writ Petition No.: 838 of 2019 for laying of overhead transmission lines.

(iv) The implementing agencies shall abide by the provisions of Works of Licensee Rules, 2006, notified by the Govt. of India, Ministry of Power in the Gazette of India, extra-ordinary Part-II, Section 3(i) dated 18-04-2006 (vide GSR 217 (E) dated 18-04-2006).

315

धन्यवाद / Yours faithfully,

04/11/22

(वि. कु. मिश्र / V. K. Mishra)
सचिव / Secretary, के.वि.प्रा / CEA

विजय कुमार मिश्र
VIJAY KUMAR MISHRA
सचिव/Secretary
केन्द्रीय विद्युत प्राधिकरण/C.E.A.
विद्युत मंत्रालय/Ministry of Power
भारत सरकार/Govt. of India
दिल्ली/New Delhi-66

प्रति लिपि / Copy to -

(i) Joint Secretary (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi

POWER GRID CORPORATION OF INDIA LTD.

182

ટ્રાન્સમિશન લાઈન/ટ્રાન્સમિશન ટાવર ઊભા કરતી વખતે જમીન/પાક/ ફળાવ/ઝાડને થયેલ નુકશાનના વળતર અંગેની માર્ગદર્શિકા બનાવવા બાબત

ગુજરાત સરકાર
ઉર્જા અને પેટ્રોકેમિકલ્સ વિભાગ
ઠરાવ ક્રમાંક:જીઇટી-૧૧-૨૦૧૫-જીઓઆઇ-૧૯૯-ક
સચિવાલય, ગાંધીનગર.
તા. 14 AUG 2017

પ્રસ્તાવના:

ભારતીય વિદ્યુત અધિનિયમ, ૨૦૦૩ની કલમ-૧૬૪ તથા ભારતીય ટેલિગ્રાફ અધિનિયમ, ૧૮૮૫ની કલમ- ૭૦(૬) અનુસાર ગુજરાત સરકારના તા.૨૯.૦૫.૨૦૦૪ના જાહેરનામા ક્રમાંક: જીએચયુ-૨૦૦૪-જીઇબી-૧૧૦૪-૨૯૬૪-કથી ગુજરાત એનર્જી ટ્રાન્સમિશન કોર્પોરેશન લિમિટેડ (GETCO)ને રાજ્યની વીજ પ્રવહન ઉપયોગિતા(સ્ટેટ ટ્રાન્સમિશન યુટિલીટી) તરીકે જાહેર કરવામાં આવતાં, રાજ્યમાં વીજ પ્રવહન માટે ટ્રાન્સમિશન ટાવર અને લાઈન ઊભી કરવા માટેના અધિકાર GETCOને પ્રાપ્ત થયેલ છે.

આ અન્વયે, વિદ્યુત અધિનિયમ-૨૦૦૩ ની કલમ-૬૭ અને કલમ-૬૮ની જોગવાઇઓ સાથે ભારતીય ટેલિગ્રાફ એક્ટ, ૧૮૮૫ ની કલમ-૧૦ અને કલમ-૧૬માં થયેલ જોગવાઇ મુજબ, વ્યાખ્યાયિત "નુકશાન" માટે અસરગ્રસ્ત વ્યક્તિઓને(ખેડૂતમિત્રો/જમીનમાલિકોને) તેઓની જમીન-પાક-ઝાડ-ફળાવને થયેલ નુકશાન પેટે વળતર આપવાની જોગવાઈ છે.

તદનુસાર, સ્ટેટ ટ્રાન્સમિશન યુટિલિટી, સેન્ટ્રલ ટ્રાન્સમિશન યુટિલિટી, વિવિધ ખાનગી ટ્રાન્સમિશન કંપની અને ટ્રાન્સમિશન લાયસન્સીઓ દ્વારા નવી ટ્રાન્સમિશન લાઇનોના નિર્માણ અને હાલની ટ્રાન્સમિશન લાઇનની જાળવણી અને મરામત કરવામાં આવે છે. તદઉપરાંત, ટ્રાન્સમિશન યુટિલીટીઓ દ્વારા ટ્રાન્સમિશન ટાવર પણ ઉભાં કરવામાં આવે છે. આવી કામગીરી કરતી વખતે ખેડૂતમિત્રો/જમીનમાલિકોની જમીન ઉપર ઉભેલા પાક-ઝાડ-ફળાવને થયેલ નુકશાન પેટે, વિદ્યુત અધિનિયમ, ૨૦૦૩ની જોગવાઇઓને અંધીન જરૂરી વળતર ચૂકવવામાં આવે છે.

પરંતુ, કેટલાંક કિસ્સાઓમાં, ભારત સરકાર તેમજ રાજ્ય સરકારના ધ્યાને આવેલ છે કે, ખેડૂતો અને જમીન માલિકો દ્વારા ટ્રાન્સમિશન લાઇનઓના નિર્માણ અને હાલની ટ્રાન્સમિશન લાઇનોના મજબૂતીકરણ કે સમારકામ કરવાના કાર્યો હાથ ધરતી વખતે તેમજ તે અંતર્ગત ચૂકવવામાં આવતાં વળતર સામે વિરોધ વ્યકત કરવામાં આવે છે. વળી, ચૂકવવામાં આવતાં વળતરની રકમ ઓછી હોવાની અપીલ/રજુઆતો/માંગણીઓ પણ ખેડૂતોમિત્રો/જમીન માલિકો તરફથી મળતી હોવાના કિસ્સા ધ્યાને આવેલ છે. વધુ વળતરની માંગણી સાથે ખેડૂતો/જમીન માલિકો દ્વારા નામ. હાઇકોર્ટમાં પીટીશન પણ દાખલ કરવામાં આવે છે. પરિણામે, કેટલાક પ્રસંગોએ વીજ પ્રવહન

316

1/8

POWER GRID CORPORATION OF INDIA LTD. પાવરગ્રીડ POWERGRID

માટે જરૂરી એવું નેટવર્ક પ્રસ્થાપિત કરવામાં વિલંબ થાય છે, જે વીજ પુરવઠો પૂરો પાડવા અંગેની આવશ્યક સેવામાં વિક્ષેપરૂપ જણાયેલ છે.

તદ્નુસાર, નામ. ગુજરાત હાઇકોર્ટમાં દાખલ થયેલ એક ખાસ દિવાની અરજી નં.૧૮૩૩૪/૨૦૧૧ માં નામ. હાઇકોર્ટે તા.૨૬.૮.૨૦૧૩ ના હુકમથી, ઉર્જા અને પેટ્રોકેમિકલ્સ વિભાગને ટ્રાન્સમિશન લાઇન ઊભી કરતી વખતે પાક/જમીનને થયેલ નુકશાનના વળતર અંગેની માર્ગદર્શિકા બનાવી, તે અંગેનો અહેવાલ નામ. હાઇકોર્ટ સમક્ષ રજૂ કરવાના આદેશો આપેલ. દરમ્યાનમાં, ભારત સરકારના ઉર્જા મંત્રાલય દ્વારા ટ્રાન્સમિશન લાઇન ઊભી કરતી વખતે, જે તે ખેડૂતમિત્ર/જમીનમાલિકની જમીન-પાક-ઝાડ-ફળાવ વગેરેને થયેલ નુકશાન પેટે વળતર ચૂકવવા અંગે માર્ગદર્શિકા બનાવાયેલ અને જમીન સંપાદનનો વિષય રાજ્ય સરકાર હસ્તકનો હોઇ, રાજ્ય સરકારોને ઉક્ત માર્ગદર્શિકા અપનાવવાનો નિર્ણય લેવા તા.૧૫.૧૦.૨૦૧૫ના પત્રથી જોકલી આપેલ હતી. તદ્નુસાર, આ અંગે રાજ્ય સરકાર કક્ષાએ રચાયેલ ઉચ્ચ સ્તરીય સમિતિની ભલામણો મેળવવા સમિતિની એક બેઠક તા.૩.૨.૨૦૧૭ ના રોજ મળેલ હતી. જે અંતર્ગત ચૂકવવાના થતાં વળતર માટે નીચે મુજબના સમિતિના સભ્યો દ્વારા ગહન અને વિસ્તૃત ચર્ચા-વિચારણા હાથ ધરવામાં આવેલ હતી.:-

(૧) અધિક મુખ્ય સચિવશ્રી, ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગ
(૨) મેનેજીંગ ડિરેક્ટરશ્રી, ગુજરાત ઊર્જા વિકાસ નિગમ લિ.
(૩) મેનેજીંગ ડિરેક્ટરશ્રી, ગુજરાત એનર્જી ટ્રાન્સમિશન કોર્પોરેશન લિ.
(૪) કૃષિ નિયામકશ્રી, ગાંધીનગર .
(૫) સચિવશ્રી (જમીન સુધારણા), મહેસૂલ વિભાગ

317

સમિતિ દ્વારા ભારત સરકારની માર્ગદર્શિકામાં સૂચવાયા મુજબ વળતરમાં સુધારા-વધારા કરવાની બાબતને લગતા મુખ્ય મુદ્દાઓ પર વિગતવાર ચર્ચા અને વિચારણા બાદ સમિતિએ વળતર ચૂકવવા સંબંધમાં કરેલ ભલામણો સરકારશ્રીની બહાલી મેળવવા માટે રજૂ કરાયેલ.

ઠરાવ:

તદ્નુસાર, આ બાબતે પુખ્ત વિચારણાને અંતે ઠરાવવામાં આવે છે કે, રાજ્યમાં, ગુજરાત એનર્જી ટ્રાન્સમિશન કોર્પોરેશન લિ.(સ્ટેટ ટ્રાન્સમિશન યુટિલીટી), સેન્ટ્રલ ટ્રાન્સમિશન યુટિલિટી, વિવિધ ખાનગી ટ્રાન્સમિશન કંપની અને ટ્રાન્સમિશન લાયસન્સી દ્વારા, વિદ્યુત અધિનિયમ, ૨૦૦૩ તથા ભારતીય ટેલિગ્રાફ એક્ટ, ૧૮૮૫ની જોગવાઇઓને અધીન, નવી ટ્રાન્સમિશન લાઇનોના સ્થાપન વખતે, વિદ્યુત અધિનિયમ, ૨૦૦૩ ની કલમ-૬૭ અને કલમ-૬૮માં તથા તેની સાથે ભારતીય ટેલિગ્રાફ એક્ટ, ૧૮૮૫ ની કલમ-૧૦ અને કલમ-૧૬ માં થયેલ જોગવાઇ મુજબ, વ્યાખ્યાયિત "નુકશાન" માટે અસરગ્રસ્ત વ્યક્તિઓને(ખેડૂતમિત્રો/જમીનમાલિકોને) તેઓની જમીનના મૂલ્યમાં ઘટાડા પેટે તેમજ

2/8

POWER GRID CORPORATION OF INDIA LTD. પાવરગ્રિડ POWERGRID

પાક-ઝાડ-ફળાવ પેટે થયેલ નુકશાન સામે નીચે મુજબ વળતર, પ્રસ્તુત કરારના બીજા ફકરામાં દર્શાવેલ શરતોને અધીન, આપવાનું રહેશે:-

(૧) ટ્રાન્સમિશન ટાવર / માળખાના સ્થાપનને કારણે ટાવર આધારિત વિસ્તાર (ટાવરના ચાર પાયા વચ્ચેનો ભાગ) ની જમીનના મૂલ્યના ૮૫% જેટલું જમીનના નુકશાન પેટે વળતર ચૂકવવું અને આ માટે વળતરની ગણતરી કરતી વખતે, જમીનના મૂલ્યના મૂલ્યાંકન માટે, જ્યાં પણ જરૂરી હોય ત્યાં જે-તે સમયના અને સ્થળના સરકારશ્રીના પ્રવર્તમાન ઓન લાઇન જંત્રી દરો(ખેતી/બિન ખેતી મુજબના)ને માપદંડ તરીકે રાખી, ચૂકવવાના થતાં વળતરની ગણતરી આખરી કરવાની રહેશે.

(૨) RoW Corridor(Right of Way Corridor) (ટ્રાન્સમિશન લાઇનના રેખાઓની પહોળાઇ)ના કારણે જમીનના મૂલ્યમાં થતાં ઘટાડા અંગેના વળતર સંદર્ભમાં, RoW Corridor માટે, જમીનમાલિકની જમીન ઉપરથી પસાર થતાં પ્રવહન રેખાઓની પહોળાઇ તથા લંબાઇને અનુલક્ષીને, જમીનના મૂલ્યમાં થતાં ઘટાડાના નુકશાન પેટે, વળતર પેટે જમીનના મૂલ્યના ૭.૫% લેખે ચૂકવવું કરવાનું રહેશે. આ માટે વળતરની ગણતરી કરતી વખતે, જમીનના મૂલ્યના મૂલ્યાંકન માટે, જ્યાં પણ જરૂરી હોય ત્યાં જે-તે સમયના અને સ્થળના, સરકારશ્રીના પ્રવર્તમાન, ઓન લાઇન જંત્રી દરોને માપદંડ તરીકે રાખી, ચૂકવવાના થતાં વળતરની ગણતરી આખરી કરવાની રહેશે. વધુમાં, નીચે મુજબના ઝૂલતા (Swinging) વીજ રેખાનાં RoW Corridor (વીજ રેખાની પહોળાઇ) ધ્યાને લેવાના રહેશે:-

318

Sr.No.	Transmission Voltage	Width of Right of Way Corridor
1	66 KV	18 Mtrs
2	132 KV	27 Mtrs
3	200 KV	35 Mtrs
4	400 KV S/C	46 Mtrs
5	400 KV D/C	46 Mtrs
6	+/- 500 KV HVDC	52 Mtrs
7	765 KV S/C (with delta configuration)	67 Mtrs
8	765 KV D/C	67 Mtrs
9	+/-800 KV HVDC	69 Mtrs
10	1200 KV	89 Mtrs

(૩) પાક / ફળાવ / ઝાડના નુકશાન પેટે વળતર ચૂકવતી વખતે વળતરના મૂલ્યાંકન માટે Agriculture Produce Market Committee (APMC) એ નક્કી કરેલા દરો લાગુ પડશે

3/8

POWER GRID CORPORATION OF INDIA LTD.

185

અને પાક / ફળાવ / ઝાડના વળતરની મૂલ્યાંકન કિંમત, સંબંધિત સરપંચ/તલાટી/ મામલતદાર અથવા સંબંધિત મહેસૂલ અધિકારીએ પ્રમાણિત કરેલ હોવી જોઇશે.

(૪) જમીન માલિકને ચૂકવવાપાત્ર 'નુકશાન' અંગેનું વળતર, નીચે જણાવ્યા પ્રમાણે ત્રણ તબક્કામાં મળવાપાત્ર થશે:-

(અ) ૪૦% સક્ષમ ટ્રાન્સમિશન ટાવરના પાયાનુ કામ (Foundation) પુર્ણ થયા બાદ

(બ) ૪૦% સક્ષમ ટ્રાન્સમિશન ટાવર પ્રસ્થાપિત (Tower Erection) થયા બાદ

(ક) ૨૦% સક્ષમ ટ્રાન્સમિશન લાઇનના વાયરો ખેંચ્યા (conductor stringing) બાદ

૨. સદર ઠરાવની જોગવાઇઓનું અમલીકરણ નીચે જણાવેલ શરતોને અધીન રહેશે:-

(૧) જમીન/પાક/ફળાવ/ઝાડને થયેલ નુકશાન પેટે ચૂકવવાના થતું વળતર, ટ્રાન્સમિશન લાયસન્સી દ્વારા ચૂકવવામાં આવે તે સમયે સંબંધિત ખેડૂત/જમીન ધારક/વ્યક્તિની લેખિત બાંહેધરી, આ ઠરાવ સાથે સામેલ પરિશિષ્ટ – અ મુજબ મેળવી લેવાની રહેશે.

(૨) પ્રસ્તુત ઠરાવની જોગવાઇઓ, નવી ૬૬ કે.વી. અને તેથી વધુ વીજભાર ધરાવતી ટ્રાન્સમિશન લાઇનના કામો, કે જેના ટેન્ડર આ ઠરાવ અમલી થયા બાદ પ્રસિદ્ધ કરેલ હશે તેના માટે જ લાગુ કરી શકાશે. તદઉપરાંત, હયાત ટ્રાન્સમિશન લાઇનની જાળવણી અને મરામત કરવાના કામો માટે ઉક્ત ઠરાવની જોગવાઇઓ લાગુ પડશે નહિ પરંતુ, વિદ્યુત અધિનિયમ, ૨૦૦૩ માં નિર્દિષ્ટ પાક-ઝાડ-ફળાવ પેટે થયેલ નુકશાનનું વળતર આપવાનું રહેશે.

(૩) ૬૬ કે.વી. અને તેથી વધુ વીજભાર ધરાવતી ટ્રાન્સમિશન લાઇન જેના કામ પ્રગતિમાં છે, તે કામ માટે 'નુકશાન' પેટે વળતર, વિદ્યુત અધિનિયમ, ૨૦૦૩ ની જોગવાઇઓને અધીન કરવાનું રહેશે. અર્થાત્, પ્રગતિમાં હોય તેવા કામો માટે આ ઠરાવની જોગવાઇઓ લાગુ પડશે નહિ.

(૪) જમીનના નુકશાન માટે વળતરની ગણતરી કરતી વખતે, જો કોઇ સ્થળ માટે ઓન લાઇન જંત્રી દર ઉપલબ્ધ ન હોય તેવા સંજોગોમાં જમીનનું મૂલ્યાંકન સંબંધિત સક્ષમ મહેસૂલ સત્તાધિકારીએ પ્રમાણિત કરેલ હોવું જોઇશે.

319

4/8

POWER GRID CORPORATION OF INDIA LTD. ★ पावरग्रिड POWERGRID

186

(૫) જમીન માલિકી ૭/૧૨ ના ઉતારાના આધારે ધ્યાને લેવાની રહેશે. જે કોઇ સંજોગોમાં ૭/૧૨ ના ઉતારામાં એક કરતાં વધારે ખાતેદારોના નામ હશે તો બાકીના ખાતેદારોએ કોઈ એક ખાતેદારને નુકશાનીના વળતરની ચૂકવણી કરવા માટે, કરાર સાથે સામેલ પરિશિષ્ટ-બ મુજબના નિયત નમૂનામાં સંમતિ આપેલ હોવી જોઇશે.

(૬) જે કોઇ જમીન માલિક તે ઉકત કરાર મુજબ તેમજ ૭/૧૨ ના ઉતારા પ્રમાણે 'નુકશાની' નુ વળતર ચૂકવાઇ ગયા બાદ જમીન માલિકનું નામ બદલાશે તો નવા જમીન ધારક/જમીન માલિકને 'નુકશાની'નું વળતર પુનઃ ચૂકવવાપાત્ર ઠરશે નહિ.

(૭) જે ટ્રાન્સમિશન લાઇન કોઇ સરકારી પડતર જમીન અથવા સરકારી ખરાબાની જમીન અથવા કોઇપણ સરકારી/સ્થાનિક સંસ્થાઓની જમીનમાંથી પસાર થતી હોય તો, તમામ ટ્રાન્સમિશન કંપની / ટ્રાન્સમિશન લાયસન્સીઓએ, ટ્રાન્સમિશન ટાવર/ગાળખું ઉભું કરતી વખતે, આવી જમીન(ટાવરના ચાર પાયા વચ્ચેના ભાગની જમીન)નો વપરાશ કરવાના કારણોસર, ગુજરાત પાણી અને ગેસ પાઇપલાઇન્સ (જમીનમાં વપરાશકર્તાના હક્ક સંપાદન) અધિનિયમ, ૨૦૦૦ની કલમ-૧૦(૪)ની જોગવાઇઓને આધિન, જમીનના ભાગના મૂલ્યની બજાર કિંમતના દસ ટકા લેખે થતી રકમ, સરકારશ્રીમાં લાગુ પડતાં સદરે ચલણથી જમા કરાવવાની રહેશે.

(૮) જે ટ્રાન્સમિશન લાઇન કોઇ સરકારી પડતર જમીન અથવા સરકારી ખરાબાની જમીન અથવા કોઇપણ સરકારી/સ્થાનિક સંસ્થાઓની જમીનમાંથી પસાર થતી હોય તો, જમીનના કબ્જેદાર/ભોગવટેદારને કોઇ નુકસાન પેટે વળતર મળવાપાત્ર ઠરશે નહિ.

(૯) કોઇપણ સંજોગોમાં, જમીન માલિક/ખેડૂતમિત્રને તેની જમીન/પાક/ઝાડ/ફળાવના નુકશાન પેટે એક જ વખત વળતર મળવાપાત્ર રહેશે.

૩. રાજ્યમાં, ગુજરાત એનર્જી ટ્રાન્સમિશન કોર્પોરેશન લિ.(સ્ટેટ ટ્રાન્સમિશન યુટિલીટી) કે સેન્ટ્રલ ટ્રાન્સમિશન યુટિલિટી કે વિવિધ ખાનગી ટ્રાન્સમિશન કંપની અથવા ટ્રાન્સમિશન લાયસન્સી દ્વારા ચૂકવવાના થતાં વળતરની ચૂકવણી અંગેનો ખર્ચ જે તે સંસ્થાએ તેના પોતાના સ્વભંડોળમાંથી મેળવવાનો રહેશે અને તે માટે રાજ્ય સરકાર તરફથી કોઇ અનુદાન/સહાય મળવાપાત્ર થશે નહિ.

5/8

POWER GRID CORPORATION OF INDIA LTD.

૪. ઉક્ત ઠરાવ અંતર્ગત, તમામ ટ્રાન્સમિશન લાયસન્સધારક, વિદ્યુત અધિનિયમ, ૨૦૦૩ અને ભારતીય ટેલિગ્રાફ એક્ટ, ૧૮૮૫ની જોગવાઇઓ તથા તેમાં થતી વખતોવખતની સુધારા જોગવાઇઓનું પાલન કરવાનું રહેશે.

૫. આ ઠરાવ પ્રસિધ્ધ થયા તારીખથી અમલી બનશે.

૬. ઉક્ત ઠરાવ નાણા વિભાગની તા.૨૮.૦૭.૨૦૧૭ ની જોગથી મળેલ અનુમતિ અન્વયે પ્રસિધ્ધ કરવામાં આવે છે.

ગુજરાતના રાજ્યપાલશ્રીના હુકમથી અને તેમના નામે,

(કે. એચ. ચોસેરા)
ખાસ ફરજ પરના અધિકારી
ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગ

નકલ જાણ તેમજ જરૂરી કાર્યવાહી અર્થે રવાના પ્રતિ:-

- માન. રાજ્યપાલશ્રીના અગ્ર સચિવશ્રી, રાજભવન, ગાંધીનગર.
- માન. મુખ્ય મંત્રીશ્રીના અગ્ર સચિવશ્રી, સ્વર્ણિમ સંકુલ-૧, સચિવાલય, ગાંધીનગર.
- માન. નાયબ મુખ્ય મંત્રીશ્રીના અંગત સચિવશ્રી, સ્વર્ણિમ સંકુલ-૧, સચિવાલય, ગાંધીનગર.
- માન. મંત્રીશ્રી (ઉર્જા)ના અંગત સચિવશ્રી, સ્વર્ણિમ સંકુલ-૧, સચિવાલય, ગાંધીનગર.
- માન. રા. ક. મંત્રીશ્રી (ઉર્જા)ના અંગત સચિવશ્રી, સ્વર્ણિમ સંકુલ-૨, સચિવાલય, ગાંધીનગર.
- સચિવશ્રી, ઊર્જા મંત્રાલય, ભારત સરકાર, નવી દિલ્હી.(પત્ર દ્વારા).
- અધિક મુખ્ય સચિવશ્રીના અંગત રહસ્ય સચિવશ્રી, નાણા વિભાગ, સચિવાલય, ગાંધીનગર.
- અધિક મુખ્ય સચિવશ્રીના અંગત રહસ્ય સચિવશ્રી, ઉ. પે. વિભાગ, સચિવાલય, ગાંધીનગર.
- અગ્રસચિવશ્રી, મહેસૂલ વિભાગ, સચિવાલય, ગાંધીનગર.
- મુખ્ય વિદ્યુત નિરિક્ષકશ્રી, મુખ્ય વિદ્યુત નિરીક્ષકશ્રીની કચેરી, ઉદ્યોગ ભવન, ગાંધીનગર.
- મેનેજીંગ ડીરેકટરશ્રી, ગુજરાત ઉર્જા વિકાસ નિગમ લિ., વડોદરા.
- મેનેજીંગ ડીરેકટરશ્રી, ગુજરાત એનર્જી ટ્રાન્સમીશન કોર્પોરેશન લિ., વડોદરા.
- મેનેજીંગ ડીરેકટરશ્રી, ગુજરાત સ્ટેટ ઇલેક્ટ્રીસીટી કોર્પોરેશન લિ.,વડોદરા.
- મેનેજીંગ ડીરેકટરશ્રી, મધ્ય ગુજરાત વીજ કંપની લિ., વડોદરા.
- મેનેજીંગ ડીરેકટરશ્રી, પશ્ચિમ ગુજરાત વીજ કંપની લિ., રાજકોટ.
- મેનેજીંગ ડીરેકટરશ્રી, ઉત્તર ગુજરાત વીજ કંપની લિ., મહેસાણા.
- મેનેજીંગ ડીરેકટરશ્રી, દક્ષિણ ગુજરાત વીજ કંપની લિ., સુરત.
- સચિવશ્રી, ગુજરાત વિજ નિયમન આયોગ, ગીફ્ટ સીટી, ગાંધીનગર.
- મેનેજીંગ ડીરેકટરશ્રી, ગુજરાત ઇન્ડસ્ટ્રી પાવર કંપની લિ. વડોદરા.
- મેનેજીંગ ડિરેકટરશ્રી, પાવર ગ્રીડ કોર્પોરેશન લિ., વડોદરા.
- ડિરેકટરશ્રી, ટોરેન્ટ પાવર લિ., અમદાવાદ.
- સચિવાલયના સર્વે વિભાગો, ગાંધીનગર.
- ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગની સર્વે શાખાઓ, સચિવાલય, ગાંધીનગર.
- પસંદગી ફાઇલ.

321

6/8

POWER GRID CORPORATION OF INDIA LTD. પાવરગ્રિડ POWERGRID

ટ્રાન્સમિશન લાઇન/ટ્રાન્સમિશન ટાવર ઊભા કરતી વખતે જમીન/પાક/ ફળાવ/ઝાડને થયેલ નુકશાનના વળતર અંગેની માર્ગદર્શિકામાં સુધારા બાબત

ગુજરાત સરકાર
ઉર્જા અને પેટ્રોકેમિકલ્સ વિભાગ
ઠરાવ ક્રમાંક:જીઇટી-૧૧-૨૦૧૫-જીઓઆઇ-૧૯૯૯-૬
સચિવાલય, ગાંધીનગર.
તા. 13 DEC 2021

વંચાણે લીધા:– ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગનો તા.૧૪.૦૮.૨૦૧૭ નો ઠરાવ ક્રમાંક :જીઇટી-૧૧-૨૦૧૫-જીઓઆઇ-૧૯૯૯-૬

પ્રસ્તાવના:

આ વિભાગના તા. ૧૪.૦૮.૨૦૧૭ ના ઠરાવ ક્રમાંક:જીઇટી-૧૧-૨૦૧૫-જીઓઆઇ-૧૯૯૯-૬ થી ટ્રાન્સમિશન લાઇન/ટ્રાન્સમિશન ટાવર ઊભા કરતી વખતે જમીન/પાક/ ફળાવ/ઝાડને થયેલ નુકશાનના વળતર અંગેની માર્ગદર્શિકા પ્રસિધ્ધ કરવામાં આવેલ છે. જેમાં નિયત થયેલ વળતર પ્રમાણમાં ઓછુ હોઇ કેટલાક કેસમાં ખેડૂતો દ્વારા વધુ વળતરની માંગણી કરવામાં આવે છે. આથી આવા સ્થળોએ વીજ પ્રવહન માટે જરૂરી એવું નેટવર્ક પ્રસ્થાપિત કરવામાં વિલંબ થાય છે. આથી, આવા વળતરના દરોમાં સુધારો કરવાની બાબત સરકારશ્રીની વિચારણા હેઠળ હતી.

તેના અનુસંધાને, ટ્રાન્સમિશન લાઇનોના નિર્માણ અને હાલની ટ્રાન્સમિશન લાઇનની જાળવણી અને મરામતની કામગીરી કરતી વખતે ખેડૂતમિત્રો/જમીનધારકોની જમીન ઉપર ઉભેલા પાક-ઝાડ-ફળાવને થયેલ નુકશાન પેટે ચૂકવવામાં આવતા વળતર અંગે જરૂરી સમીક્ષા કરવાના આશયથી વિભાગના તા.૨૦.૦૯.૨૦૨૧ ના ઠરાવ ક્રમાંક: જીઇટી-૧૧-૨૦૧૫-જીઓઆઇ-૧૯૯૯-૬ થી અગ્રસચિવશ્રી, ઊર્જા અને પેટ્રોકેમિકલ્સના અધ્યક્ષપણા હેઠળ નીચે મુજબની સમિતિની રચના કરવામાં આવેલ:-

(૧) અગ્રસચિવશ્રી, ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગ
(૨) સચિવશ્રી (જમીન સુધારણા), મહેસૂલ વિભાગ
(૩) મેનેજીંગ ડિરેક્ટરશ્રી, ગુજરાત ઊર્જા વિકાસ નિગમ લિ.
(૪) મેનેજીંગ ડિરેક્ટરશ્રી, ગુજરાત એનર્જી ટ્રાન્સમિશન કોર્પોરેશન લિ.
(૫) કૃષિ નિયામકશ્રી, ગાંધીનગર
(૬) નાણાં સલાહકારશ્રી, ઊર્જા અને પેટ્રો કેમિકલ્સ વિભાગ

ગુજરાત સરકારની તા.૧૪.૦૮.૨૦૧૭ની માર્ગદર્શિકામાં સૂચવ્યા મુજબ વળતરમાં સુધારા કરવા અંગેની બાબતને લગતા મુખ્ય મુદ્દાઓ પર વિસ્તૃતવાર ચર્ચા અને વિચારણા બાદ સમિતિ દ્વારા લેવાયેલ નિર્ણયો/ભલામણો, સરકારશ્રીની બહાલી મેળવવા માટે રજૂ કરાયેલ.

સુધારા ઠરાવ:

આ વિભાગના તા. ૧૪.૦૮.૨૦૧૭ ના ઠરાવ ક્રમાંક :-જીઇટી-૧૧-૨૦૧૫-જીઓઆઇ-૧૯૯૯-૬ થી ટ્રાન્સમિશન લાઇન/ટ્રાન્સમિશન ટાવર ઊભા કરતી વખતે જમીન/પાક/ ફળાવ/ઝાડને થયેલ નુકશાનના

POWER GRID CORPORATION OF INDIA LTD.
પાવરગ્રિડ POWERGRID

વળતર અંગેની માર્ગદર્શિકામાં અંશતઃ સુધારો કરવાની બાબતે પુખ્ત વિચારણાને અંતે, ઉક્ત ઠરાવની જોગવાઇ ક્રમાંક (૨) અને (૩) ને રદ કરી નીચે મુજબની જોગવાઇઓ લાગુ પાડવાની રહેશે:-

✓ **જોગવાઇ ક્રમાંક (૨):-**

"RoW Corridor(Right of Way Corridor) (ટ્રાન્સમિશન લાઇનના રેખાઓની પહોળાઇ)ના કારણે જમીનના મૂલ્યમાં થતાં ઘટાડા અંગેના વળતર સંદર્ભમાં, RoW Corridor માટે, જમીનધારકની જમીન ઉપરથી પસાર થતાં પ્રવહન રેખાઓની પહોળાઇ તથા લંબાઇને અનુલક્ષીને, જમીનના મૂલ્યમાં થતાં ઘટાડાના નુકશાન પેટે, **વળતર પેટે જમીનના મૂલ્યના ૧૫%** <u>**તેમજ ચૂકવણું કરવાનું રહેશે.**</u> વધુમાં, નીચે મુજબના ઝૂલતા (Swinging) વીજ રેખાના RoW Corridor (વીજ રેખાની પહોળાઇ) ધ્યાને લેવાના રહેશે:-

S.N.	Transmission Voltage	Width of Right of Way
1	66 KV	18 Mtrs
2	110 KV	22 Mtrs
3	132 KV	27 Mtrs
4	220 KV	35 Mtrs
5	400 KV	46 Mtrs
6	+/- 500 KV HVDC	52 Mtrs
7	765 KV S/C (With delta configuration)	64 Mtrs
8	765 KV D/C	67 Mtrs
9	+/- 800 KV HVDC	69 Mtrs
10	1200 KV	89 Mtrs

✓ **જોગવાઇ ક્રમાંક (૩) :-**

"ફળાવ ઝાડ તથા અન્ય વૃક્ષના નુકશાન પેટે વળતર ચૂકવતી વખતે મહેસૂલ વિભાગ દ્વારા પ્રસિધ્ધ કરવામાં આવેલ તા.૧૨.૦૧.૨૦૨૧ (પરિશિષ્ટ-અ) ના પરિપત્ર ક્રમાંક: એલ.એ.કયુ./૨૨/૨૦૧૮/૧૫૫૦/ઘ તેમજ ત્યાર બાદ વખતો વખત સુધારેલ પરિપત્ર પ્રમાણે વળતર ચુકવવાનું રહેશે.

પાક નુકશાન પેટે વળતર ચૂકવતી વખતે વળતરના મૂલ્યાંકન માટે Agriculture Produce Market Committee (APMC) એ નક્કી કરેલા દરો લાગુ પડશે અને પાક વળતરની મૂલ્યાંકન કિંમત, સંબંધિત સરપંચ/તલાટી/મામલતદાર અથવા સંબંધિત મહેસૂલ અધિકારીએ પ્રમાણિત કરેલ હોવી જોઇશે."

૨. **વધુમાં, તા.૧૪.૦૮.૨૦૧૭ના ઠરાવના ફકરા નં. ૨ ની શરત ક્રમાંક (૨) અને (૩) ની જગ્યાએ નીચે મુજબ ની નવી શરત નં. (૨) અને શરત નં. (૩) ઉમેરવામાં આવે છે :-**

(૨) સદર ઠરાવની જોગવાઇઓ, નવી ટ્રાન્સમિશન લાઇન તથા પ્રગતિમાં હોય તેવી તમામ ટ્રાન્સમિશન લાઇનના કામ માટે લાગુ પડશે. પરંતુ, જે કેસોમાં વળતરની રકમ નિર્ધારિત થઇ ગયેલ છે તેવા કેસોમાં આ ઠરાવની જોગવાઇઓ લાગુ પડશે નહીં.

POWER GRID CORPORATION OF INDIA LTD.

(૩) જમીનની કિંમતના મૂલ્યાંકન માટે, જે-તે સમયના અને સ્થળના, સરકારશ્રીના પ્રવર્તમાન, જંત્રી દરોને વાર્ષિક વધુમાં વધુ ૧૦% વધારો (ચક્રવૃદ્ધિ) ગણીને, વળતરની ગણતરી આખરી કરવાની રહેશે.

૩. ગુજરાત સરકારના તા. ૧૪.૦૮.૨૦૧૭ ના ઠરાવની અન્ય શરતો અને જોગવાઇઓ યથાવત રહેશે.

૪. આ ઠરાવ પ્રસિદ્ધ થયા તારીખથી અમલી બનશે.

૫. ઉકત ઠરાવ કૃષિ અને સહકાર વિભાગની તા.૨૩.૧૧.૨૦૨૧, મહેસૂલ વિભાગની તા.૨૫.૧૧.૨૦૨૧ની તથા નાણા વિભાગની તા. ૦૧.૧૨.૨૦૨૧ની નોંધથી મળેલ અનુમતિ અન્વયે પ્રસિદ્ધ કરવામાં આવે છે.

ગુજરાતના રાજ્યપાલશ્રીના હુકમથી અને તેમના નામે,

(જે.એસ.જોષી)
ખાસ ફરજ પરના અધિકારી
ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગ

નકલ જરૂરી કાર્યવાહી માટે રવાના પ્રતિ:–

(૧) નામ. રાજ્યપાલશ્રીના અગ્ર સચિવશ્રી, રાજભવન, ગાંધીનગર.
(૨) સચિવશ્રી, વીજળી મંત્રાલય, ભારત સરકાર, નવી દિલ્હી.
(૩) માન. મુખ્ય મંત્રીશ્રીના અધિક મુખ્ય સચિવશ્રી, સ્વર્ણિમ સંકુલ-૧, સચિવાલય, ગાંધીનગર.
(૪) માન. મંત્રીશ્રી (ઉ.પે.અને નાણાં)ના અંગત સચિવશ્રી, સ્વર્ણિમ સંકુલ-૧, સચિવાલય, ગાંધીનગર.
(૫) માન.રા.ક.મંત્રીશ્રી (ઉ.પે.)ના અંગત સચિવશ્રી, સ્વર્ણિમ સંકુલ-૨, સચિવાલય, ગાંધીનગર.
(૬) સચિવશ્રી, ગુજરાત વિજ નિયમન આયોગ, ગીફ્ટ સીટી, ગાંધીનગર.
(૭) ગુજરાત સરકારના સર્વે વિભાગો, સચિવાલય, ગાંધીનગર.
(૮) તમામ કલેકટરશ્રી, ગુજરાત રાજ્ય.
(૯) મેનેજીંગ ડીરેકટરશ્રી, ગુજરાત ઉર્જા વિકાસ નિગમ લી., વડોદરા.
(૧૦) મેનેજીંગ ડીરેકટરશ્રી, ગુજરાત એનર્જી ટ્રાન્સમીશન કોર્પોરેશન લી., વડોદરા.
(૧૧) મેનેજીંગ ડીરેકટરશ્રી, ગુજરાત સ્ટેટ ઇલેકટ્રીસીટી કોર્પોરેશન લી.,વડોદરા.
(૧૨) મેનેજીંગ ડીરેકટરશ્રી, મધ્ય ગુજરાત વીજ કંપની લી., વડોદરા.
(૧૩) મેનેજીંગ ડીરેકટરશ્રી, પશ્ચિમ ગુજરાત વીજ કંપની લી., રાજકોટ.
(૧૪) મેનેજીંગ ડીરેકટરશ્રી, ઉત્તર ગુજરાત વીજ કંપની લી., મહેસાણા.
(૧૫) મેનેજીંગ ડીરેકટરશ્રી, દક્ષિણ ગુજરાત વીજ કંપની લી., સુરત.
(૧૬) મેનેજીંગ ડિરેકટરશ્રી, પાવર ગ્રીડ કોર્પોરેશન લિ., નવી, દિલ્હી/વડોદરા.
(૧૭) મેનેજીંગ ડીરેકટરશ્રી, ગુજરાત ઇન્ડસ્ટ્રી પાવર કંપની લી. વડોદરા.
(૧૮) મુખ્ય વિદ્યુત નિરિક્ષકશ્રી, ઉદ્યોગ ભવન, ગાંધીનગર.
(૧૯) ચેરમેનશ્રી, ટોરેન્ટ પાવર લી. અમદાવાદ.
(૨૦) સર્વે શાખા, ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગ, સચિવાલય, ગાંધીનગર.
(૨૧) પસંદગી ફાઈલ.

324

POWER GRID CORPORATION OF INDIA LTD. પાવરગ્રિડ POWERGRID

Annx-II

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

Ref: WR-2 / Navsari/TLC/ROW/ Jan,23/13

Date: 04/01/2023

To,
The Collector & District Magistrate
District - Navsari,
Gujarat.

Sub: Construction of 765kV D/C New Navsari – Padhge transmission line and 400KV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.-**Request for administration support to resolve the ROW issue for implementation of projects-reg.**

Letter reference no: -

(1) WR 2/New Navsari/TLC/ dtd. 02.11.2022
(2) WR 2/Navsari/TLC/NMTL/Dec-22 dtd. 09.12.2022
(3) WR 2/Navsari/TLC/NPTL/Dec-22 dtd. 09.12.2022
(4) WR 2/Navsari/TLC/MKTL/Dec-22/2 dtd. 21.12.2022
(5) WR 2/Navsari/TLC/MKTL/Dec-22/2 dtd. 21.12.2022
(6) WR 2/Navsari/TLC/MKTL/Dec-22/3 dtd. 23.12.2022
(7) WRTS-II/Projects/ED office/01 dtd. 26.12.2022
(8) Letter dtd 29.12.2022 from Deputy Secretory, Govt of Gujarat. Energy and petro chemical deptt.
(9) પ. ક્ષેત્ર -૨/ ન્યૂ નવસારીઃ નિર્માણ/ROW/11 Date 31.12.2022
(10)પ. ક્ષેત્ર -૨/ ન્યૂ નવસારીઃ નિર્માણ/ROW/12 Date 02.01.2023

Dear Sir,

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

As per the Letter Ref NO. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed Power grid to carry out the construction of 765kV D/C New Navsari – Padhge transmission line and 400KV M/C New Navsari – Magarwada transmission line The village wise list is enclosed at Annex-I.

The above transmission line is traversing through various villages in Navsari district and progress is badly affected due to severe ROW issues. ROW issues were taken up with district administration time to time, however still issues are yet to be resolved. The copy of communications with administrations are enclosed.

We have started construction activities at Location No. 7/3, Village Karankhat Jalalpore Taluka,however sarpanch and local residences of Karankhat, Simalgam, Dalki,Parujan ,Dipla, Nimlai, Kharsad, Sarav village has been rushed to the working site and stopped ongoing work.

It is to mention that POWERGRID will pay compensation for loss or damages to the affected land owners as per Govt resolution (GR) issued by Govt of Gujarat on 31.12.2021 after assessment and verification by respective Taluka's of Revenue department.

We would request you to kindly intervene in the matter and provide necessary support to resolution of ROW issue for completing this transmission line projects.

Thanking you,

Yours sincerely,

04.01.23

(R K Gupta)
Chief General Manager (Projects), WR-II

કલેક્ટર અને ડિસ્ટ્રિક્ટ મેજી.
કલેક્ટર કચેરી
નવસારી

પ.ક્षे-II, नवसारी जी.आई.एस. 400/220 केवी उपकेंद्र, गाँव – दस्तान, ता. पलसाना, जिला – सूरत, गुजरात. 394 310. मो. 9408495268
WR-II, Navsari GIS 400/220 KV Sub-Station, Village - Dastan, Ta. Palsana, Dist. Surat, Gujarat. - 394 310. Mob.: 9408495268
GST NO. 24AAACP0252G1ZZ / Email : navsariss@powergrid.net
केन्द्रीय कार्यालय : "सौदामिनी", प्लाट नं.: 2, सेक्टर–29, गुरुग्राम–122001, (हरियाणा), दूरभाष 0124-2571700-719
Corporate Office : "Saudamini", Plot No. 2, Sector-29, Gurugram-122001, (Haryana) Tel. : 0124-2571700-719
ालय : बी -9, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016 दूरभाष : 011-26560112, 26560121, 26564812, 26564892, सीआईएन : L40101DL1989GOI038121
Katwaria Sarai, New Delhi-110 016. Tel : 011-26560112, 26560121, 26564812, 26564892, CIN : L40101DL1989GOI038121

Annx – 12

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System - II, Regional Headquarters

Ref: WRTS-II/NEW NAVSARI/TLC/Construction/Jan23/27 Date: 20.01.2023

To,

The District Collector,
Collector office,
Navsari.

Subject: Construction of 400 KV M/C New Navsari Magarwada Transmission line: – Regarding support for Construction activities in Government Land.

Respected Sir,

Power grid Corporation of India Ltd. (POWERGRID) is A Government of India Enterprise "Maharatna" Public Sector Undertaking, having its registered office at B-9, Qutub Institutional Area, Katwaria Sarai, New Delhi-110016. In accordance to section – 164 of the Indian Electricity Act, 2003, Ministry of Power, Govt. of India has conferred the power of Telegraph authority under Part- III of The Indian Telegraph Act, 1885 to Power Grid Corporation of India Ltd. (POWERGRID)Vide Notification No. S.O. 1463 (E) published in the Extraordinary Official Gazette of India on 24.12.2003.

Further as per the Letter Ref NO. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed Power grid to implement of 400 KV Multi Circuit New Navsari Magarwada Transmission line construction.
During survey of above mentioned transmission line, few of Towers are spotted in Government Land of Jalalpore and Gandevi Taluka, Navsari District. Village wise towers details are as under.

Sr. No	Name Of village and Taluka	Government Survey No.	Location No.
1	Abrama, Jalalpore	298	12/2, QA+6
2	Abrama, Jalalpore	303	12/3, QA+4.5
3	Abrama, Jalalpore	303,2765	12/4, QA+6
4	Chhapar, Gandevi	1147	14/05, QA+9
5	Chhapar, Gandevi	1147	14/06, QA+9

It is to mentioned that, there is provision of Land Compensation for used area of Government land for tower construction, as per Gujarat government Guideline GET -11-2-15-GOI-199-K Dated 14.08.2017 (Copy Enclosed). POWERGRID shall pay compensation towards used government land for tower construction. During execution of work in above mention locations, we are facing heavy resistance from residence of Abrama and chhapar villages.

It is requested, kindly support to commencement of tower construction activities in above mentioned locations of government land.

Thanking you

પ્રાંત કચેરી ગણદેવી
મુ. કાંદીયાવાડી
તા. જી. નવસારી
પીન કોડ નં.- ૩૯૬૪૪૫

Yours Faithfully,
(Labhesh Kumar Bansod)
Chief Manager New Navsari

Copy To: 1) SDM, Navsari

2) Mamlatdar Jalalpor, Gandevi

Annx-13

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System - II, Regional Headquarters

Ref: WR-2 / New Navsari /TLC/ Jan,23 Date: 24/01/2023

To,
The Superintendent of Police,
District - Navsari,
Gujarat.

Sub: Construction of Navsari (New) (South Gujarat) (GIS) - Magarwada (GIS) 400 kV multi circuit transmission line and 765kV New Navsari – Padhge transmission line under Transmission Network Expansion in Gujarat to increase its ATC from Inter state transmission system: Part B.- **Request for support for the resolution of Right of Way issues.**

Respected Sir,

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

As per the Letter Ref no. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed POWERGRID to carry out the construction work of 400 KV Multi Circuit New Navsari- Magarwada Transmission line and 765kV D/C New Navsari – Padhge transmission line with completion schedule by Dec,23 (Copy enclosed at flag A).

Govt. of Gujarat has issued the compensation guideline for the transmission line projects vide Resolution No.: GET-11-2015-GOI-199-K dated 14-08-2017 (Copy enclosed at Flag B).

327

POWERGRID shall pay compensation for loss or damages of tree & crop during construction work to the affected farmers as assessed by revenue authorities and as per latest GR/guideline issued by Government of Gujarat.

The subject transmission lines are traversing through Navsari district. However, during construction of projects, there is severe ROW issue by local villagers/ land owners and demanding undue compensation due to which construction activity is almost stopped since more than 4 months.

In view of above, it is requested to kindly provide the necessary support to POWERGRID in implementing the national importance project which will facilitate evacuation of power in south Gujarat state.

Thanking You,

Clerk to
Sup. of Police
Navsari

Yours sincerely,

24.01.23
(Labhesh Kumar Bansod)
Chief Manager (New Navsari)

WR-II New Navsari TLC Office, House NO. 5, Crystal Bunglow, Tighara Road Near Shiv Parvati Society Navsari Gujarat-396445
Regional Head Office : Plot no.-64, Adjacent to Riya-Reveti Resort Sama-Savli Road, Vadodara - 390 008(Gujarat)
दूरभाष/Phone: (0) 0265-2487541, फैक्स/Fax: 0265-2487544, ई-मेल/e-mail: newnavsari@powergrid.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110016

Annx-14

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड

(भारत सरकार का उपक्रम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System - II, Regional Headquarters

Ref: WRTS-II/NEW NAVSARI/TLC/Construction/Jan.23 Date: 24.01.23

To,

The Mamlatdar , Jalalpore
Distt: -Navsari- Gujarat

Subject: Construction of 400 KV M/C New Navsari Magarwada Transmission line and 765kV New Navsari -Padhge line. – Intimation for the execution of foundation in village Kharsad and Abrama reg.

Respected Madam,

Power grid Corporation of India Ltd. (POWERGRID) is A Government of India Enterprise "Maharatna" Public Sector Undertaking, having its registered office at B-9, Qutub Institutional Area, Katwaria Sarai, New Delhi-110016. In accordance to section – 164 of the Indian Electricity Act, 2003, Ministry of Power, Govt. of India has conferred the power of Telegraph authority under Part- III of The Indian Telegraph Act, 1885 to Power Grid Corporation of India Ltd. (POWERGRID)

Vide Notification No. S.O. 1463 (E) published in the Extraordinary Official Gazette of India on 24.12 2003. Further as per the Letter Ref NO. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed Power grid to implement of 400 KV Multi Circuit New Navsari Magarwada and 765kV New Navsari -Padhge Transmission line construction.

During detailed survey of above mentioned transmission line, it is observed that, few of towers are spotted in Government Land as well as Private land in village Kharsad and Abrama.The details are given below.

328

Sr. No	Name Of village and Taluka	Name of line	Survey No.	Location No.	Remarks
1	Abrama, Jalalpore	400 KV M/C New Navsari Magarwada Transmission line	298	12/3	Govt Land
2	Abrama, Jalalpore		303	12/4	Govt Land
3	Kharsad Village Ishwarlal Durlabhbhai M. no -9825711475	765kV New Navsari -Padhge line	1498	20/3	Pvt land
4	Kharsad Village Neme of owner – Sh Prabhubhai Patel M. no -9825704494		1481	20/4	Pvt Land

It is requested, kindly permit us to execute the construction work for above mentioned transmission project to finish the national interest project in scheduled time.

Thanking you.

Yours Faithfully,
24.01.23
(Labhesh Kumar Bansod)
Chief Manager (New Navsari)

OC

Copy To: 1) SDM, Navsari- For kind inf and NA please
2) SP Navsari - For kind inf and NA please

Clerk to Sup. of Police Navsari

निर्माण कार्यालय: प्लॉट नं. - 568, क्रिस्टल बंगलो, अलकनंदा सोसायटी के पास, तिघरा रोड, नवसारी - 396445 (गुजरात)
Construction Office: House No. 568 Cristal Bungalo, Near Alaknanda Society, Tighra Road, Navsari - 396445 (Gujarat)
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

POWER GRID CORPORATION OF INDIA LTD.

195

Annx – 15

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System - II, Regional Headquarters

Ref: WR-2 / Navsari/TLC/ROW/ Feb'23/67

Date: 06/02/2023

To,

The Collector & District Magistrate
District - Navsari, Gujarat.

Sub: Sub: Construction of Navsari (New) (South Gujarat) (GIS) - Magarwada (GIS) 400 kV M/c transmission line and 765kV New Navsari – Padhge transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B:-Request for support for the resolution of ROW issues.

Earliest letter reference no: -

(1) WR-2 / Navsari/TLC/ROW/ Jan,23dtd 04.01.23
(2) WRTS-II/New Navsari/TLC/Construction/Jan23/27 dtd 20.01.23.

Dear Sir,

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

Ministry of Power and Govt. of India has directed POWERGRID to carry out the construction work of 400 KV Multi Circuit New Navsari- Magarwada Transmission line and 765kV D/C New Navsari – Padhge transmission line, as per the Letter Ref no. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003. (Copy enclosed at Flag A).

Govt. of Gujarat has issued the compensation guideline for the transmission line projects vide Resolution No.: GET-11-2015-GOI-199-K dated 14-08-2017 and its Amendment dated 31.12.2021. (Copy enclosed at Flag B).

POWERGRID shall pay compensation for loss or damages of tree & crop during construction work to the affected farmers as assessed by revenue authorities and as per latest GR/guideline issued by Government of Gujarat.

The subject transmission lines are traversing through Navsari district. We would like to inform that, during construction of projects, there is severe ROW issue by local villagers/ land owners due to which construction activity is almost stopped.

Gram Sabha in Bhutsad,Abrama,Sarav ,kharsad and Mandir villages has been done in presence of SDM Navsari, Mamlatdar Jalalpore , however landowners are not allowing any construction activities and demanding undue compensation due to which the progress is affected very badly.

Further location and owner details of villages Mirjapor,Bhutsad,Mandir,Abrama,Kharsad,Sarav, Mangrol,Parujan,Jalalpore,Bodali,Kothamadi,Ethan,Aat,Kalthan,Dalki,Karankhat,Simalgam,Chhinam, Tavdi,Pethan,Eroo of 400 kV M/c transmission line and 765kV New Navsari – Padhge transmission line through which line is traversing is also communicated to SDM and Mamlatdar Navsari as requested during meeting on 30.01.2023

In view of the above, it is requested to administration to kindly provide the necessary support to POWERGRID in implementing the national importance project which will facilitate evacuation of power in south Gujarat.

Thanking You,

O/C

Yours sincerely,

(R K Gupta)
Chief General Manager (Projects), WR-II

WR-II New Navsari TLC Office, House NO. 5 , Crystal Bunglow, Tighara Road Near Shiv Parvati Society Navsari Gujarat-396445
Regional Head Office : Plot no.-64, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 024(Gujarat)
दूरभाष:/Phone: (0) 0265-2487541, फैक्स:/Fax: 0265-2487544, ई-मेल:/e-mail: newnavsari@powergrid.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110016

POWER GRID CORPORATION OF INDIA LTD.

329

196

Annx-16

पावरग्रिड
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड

(भारत सरकार का उपक्रम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System-II, Regional Headquarters

Ref: WRTS-II/NEW NAVSARI/TLC/Construction/72 Date: 14.02.2023

To,
The SDM,
Chikhli, Dist.-Navsari.
Gujarat

Subject: Construction of 400 KV M/C New Navsari Magarwada Transmission line. - Regarding Support for Construction activities in Government Land- reg.

Respected Sir,

Power grid Corporation of India Ltd. (POWERGRID) is A Government of India Enterprise "Maharatna" Public Sector Undertaking, having its registered office at B-9, Qutub Institutional Area, Katwaria Sarai, New Delhi-110016. In accordance to section – 164 of the Indian Electricity Act, 2003, Ministry of Power, Govt. of India has conferred the power of Telegraph authority under Part- III of The Indian Telegraph Act, 1885 to Power Grid Corporation of India Ltd. (POWERGRID) Vide Notification No. S.O. 1463 (E) published in the Extraordinary Official Gazette of India on 24.12.2003.

Further as per the Letter Ref NO. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed Power grid to implement of 400 KV Multi Circuit New Navsari Magarwada Transmission line construction.

During survey of above mentioned transmission line, few of Towers are spotted in Government Land of Gandevi Taluka, Navsari District. Village wise towers details are as following.

330

Sr. No	Name Of village and Taluka	Government Survey No.	Location No.
1	Chhapar, Gandevi	-	14/05, QA+9
2	Chhapar, Gandevi	-	14/06, QA+9
3	Morali,Gandevi	-	14/11, QA+6
4	Morali,Gandevi	-	15/01, QA+3
5	Morali,Gandevi	-	15/02, QA+6
6.	Morali,Gandevi	-	15/03, QA+9

It is to mentioned that, there is provision of Land Compensation for used area of Government land for tower construction Government of Gujarat Resolution No. GET-11-2015-GOI-199-K Date: 14.08.2017 and its Amendment dated 31.12.2021 (Copy Enclosed). POWERGRID shall pay compensation towards used government land for tower construction. During execution of work in above mention locations, we are facing heavy resistance from residence of Morali and Chhapar villages.

It is requested, kindly permit us to execute the construction work for above mentioned transmission project to finish the national interest project in scheduled time.

Thanking you.

Yours Faithfully,
14.02.23
(Labheshkumar Bansod)
Chief Manager, TLC
New Navsari

રવાનગી કારકુન
પ્રાંત કચેરી ચીખલી
૨૪/૦૨/૨૦૨૩

Copy To: 1) Mamlatdar, Gandevi

197

POWER GRID CORPORATION OF INDIA LTD.

ટ્રાન્સમિશન લાઇન/ટ્રાન્સમિશન ટાવર ઊભા કરતી વખતે જમીન/પાક/ ફળાવ/ઝાડને થયેલ નુકશાનના વળતર અંગેની માર્ગદર્શિકામાં સુધારા બાબત

ગુજરાત સરકાર
ઉર્જા અને પેટ્રોકેમિકલ્સ વિભાગ
ઠરાવ ક્રમાંક:જીઇટી-૧૧-૨૦૧૫-જીઓઆઇ-૧૯૯-૬
સચિવાલય, ગાંધીનગર.
તા. 3 DEC 2021

વંચાણે લીધા:- ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગનો તા.૧૪.૦૮.૨૦૧૭ નો ઠરાવ ક્રમાંક :જીઇટી-૧૧-૨૦૧૫-જીઓઆઇ-૧૯૯-૬

પ્રસ્તાવના:

આ વિભાગના તા. ૧૪.૦૮.૨૦૧૭ ના ઠરાવ ક્રમાંક:જીઇટી-૧૧-૨૦૧૫-જીઓઆઇ-૧૯૯-૬ થી ટ્રાન્સમિશન લાઇન/ટ્રાન્સમિશન ટાવર ઊભા કરતી વખતે જમીન/પાક/ ફળાવ/ઝાડને થયેલ નુકશાનના વળતર અંગેની માર્ગદર્શિકા પ્રસિધ્ધ કરવામાં આવેલ છે. જેમાં નિયત થયેલ વળતર પ્રમાણમાં ઓછુ હોઇ કેટલાક કેસમાં ખેડૂતો દ્વારા વધુ વળતરની માંગણી કરવામાં આવે છે. આથી આવા સ્થળોએ વીજ પ્રવહન માટે જરૂરી ઓવું નેટવર્ક પ્રસ્થાપિત કરવામાં વિલંબ થાય છે. આથી, આવા વળતરના દરોમાં સુધારો કરવાની બાબત સરકારશ્રીની વિચારણા હેઠળ હતી.

તેના અનુસંધાને, ટ્રાન્સમિશન લાઈનોના નિર્માણ અને હાલની ટ્રાન્સમિશન લાઇનની જાળવણી અને મરામતની કામગીરી કરતી વખતે ખેડૂતગિરો/જમીનધારકોની જમીન ઉપર ઉભેલા પાક-ઝાડ-ફળાવને થયેલ નુકશાન પેટે ચૂકવવામાં આવતા વળતર અંગે જરૂરી સમીક્ષા કરવાના આશયથી વિભાગના તા.૨૩.૦૬.૨૦૨૧ ના ઠરાવ ક્રમાંક: જીઇટી-૧૧-૨૦૧૫-જીઓઆઇ-૧૯૯-૬ થી અગ્રસચિવશ્રી, ઊર્જા અને પેટ્રોકેમિકલ્સના અધ્યક્ષપણા હેઠળ નીચે મુજબની સમિતિની રચના કરવામાં આવેલ:-

(૧) અગ્રસચિવશ્રી, ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગ
(૨) સચિવશ્રી (જમીન સુધારણા), મહેસૂલ વિભાગ
(૩) મેનેજીંગ ડિરેક્ટરશ્રી, ગુજરાત ઊર્જા વિકાસ નિગમ લિ.
(૪) મેનેજીંગ ડિરેક્ટરશ્રી, ગુજરાત એનર્જી ટ્રાન્સમિશન કોર્પોરેશન લિ.
(૫) કૃષિ નિયામકશ્રી, ગાંધીનગર
(૬) નાણાં સલાહકારશ્રી, ઊર્જા અને પેટ્રો કેમિકલ્સ વિભાગ

ગુજરાત સરકારની તા.૧૪.૦૮.૨૦૧૭ની માર્ગદર્શિકામાં સૂચવ્યા મુજબ વળતરમાં સુધારા કરવા અંગેની બાબતને લગતા મુખ્ય મુદ્દાઓ પર વિગતવાર ચર્ચા અને વિચારણા બાદ સમિતિ દ્વારા લેવાયેલ નિર્ણયો/ભલામણો, સરકારશ્રીની બહાલી મેળવવા માટે રજૂ કરાયેલ.

સુધારા ઠરાવ:

આ વિભાગના તા. ૧૪.૦૮.૨૦૧૭ ના ઠરાવ ક્રમાંક :-જીઇટી-૧૧-૨૦૧૫-જીઓઆઇ-૧૯૯-૬ થી ટ્રાન્સમિશન લાઇન/ટ્રાન્સમિશન ટાવર ઊભા કરતી વખતે જમીન/પાક/ ફળાવ/ઝાડને થયેલ નુકશાનના

331

POWER GRID CORPORATION OF INDIA LTD.

(૩) જમીનની કિંમતના મૂલ્યાંકન માટે, જે-તે સમયના અને સ્થળના, સરકારશ્રીના પ્રવર્તમાન, જંત્રી દરોને વાર્ષિક વધુમાં વધુ ૧૦% વધારો (ચક્રવૃદ્ધિ) ગણીને, વળતરની ગણતરી આખરી કરવાની રહેશે.

૩. ગુજરાત સરકારના તા. ૧૪.૦૮.૨૦૧૬ ના ઠરાવની અન્ય શરતો અને જોગવાઇઓ યથાવત રહેશે.

૪. આ ઠરાવ પ્રસિધ્ધ થયા તારીખથી અમલી બનશે.

૫. ઉક્ત ઠરાવ કૃષિ અને સહકાર વિભાગની તા.૨૩.૧૧.૨૦૨૧, મહેસૂલ વિભાગની તા.૨૫.૧૧.૨૦૨૧ની તથા નાણા વિભાગની તા. ૦૧.૧૨.૨૦૨૧ની નોંધથી મળેલ અનુમતિ અન્વયે પ્રસિધ્ધ કરવામાં આવે છે.

ગુજરાતના રાજ્યપાલશ્રીના હુકમથી અને તેમના નામે,

(જે.એસ.જોષી)
ખાસ ફરજ પરના અધિકારી
ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગ

નકલ જરૂરી કાર્યવાહી માટે રવાના પ્રતિ:-

(૧) માન. રાજ્યપાલશ્રીના અગ્ર સચિવશ્રી, રાજભવન, ગાંધીનગર.
(૨) સચિવશ્રી, વીજળી મંત્રાલય, ભારત સરકાર, નવી દિલ્હી.
(૩) માન. મુખ્ય મંત્રીશ્રીના અધિક મુખ્ય સચિવશ્રી, કર્ણિમ સંકુલ-૧, સચિવાલય, ગાંધીનગર.
(૪) માન. મંત્રીશ્રી (ઉ.પે.અને નાણાં)ના અંગત સચિવશ્રી, કર્ણિમ સંકુલ-૧, સચિવાલય, ગાંધીનગર.
(૫) માન.રા.ક.મંત્રીશ્રી (ઉ.પે.)ના અંગત સચિવશ્રી, કર્ણિમ સંકુલ-૨, સચિવાલય, ગાંધીનગર.
(૬) સચિવશ્રી, ગુજરાત વિજ નિયમન આયોગ, ગીફ્ટ સીટી, ગાંધીનગર.
(૭) ગુજરાત સરકારના સર્વે વિભાગો, સચિવાલય, ગાંધીનગર.
(૮) તમામ કલેકટરશ્રી, ગુજરાત રાજ્ય.
(૯) મેનેજીંગ ડિરેકટરશ્રી, ગુજરાત ઉર્જા વિકાસ નિગમ લી., વડોદરા.
(૧૦) મેનેજીંગ ડિરેકટરશ્રી, ગુજરાત જેનકો ટ્રાન્સમીશન કોર્પોરેશન લી., વડોદરા.
(૧૧) મેનેજીંગ ડિરેકટરશ્રી, ગુજરાત સ્ટેટ ઇલેક્ટ્રીસીટી કોર્પોરેશન લી.,વડોદરા.
(૧૨) મેનેજીંગ ડિરેકટરશ્રી, મધ્ય ગુજરાત વીજ કંપની લી., વડોદરા.
(૧૩) મેનેજીંગ ડિરેકટરશ્રી, પશ્ચિમ ગુજરાત વીજ કંપની લી., રાજકોટ.
(૧૪) મેનેજીંગ ડિરેકટરશ્રી, ઉત્તર ગુજરાત વીજ કંપની લી., મહેસાણા.
(૧૫) મેનેજીંગ ડિરેકટરશ્રી, દક્ષિણ ગુજરાત વીજ કંપની લી., સુરત.
(૧૬) મેનેજીંગ ડિરેકટરશ્રી, પાવર ગ્રીડ કોર્પોરેશન લિ., નવી, દિલ્હી/વડોદરા.
(૧૭) મેનેજીંગ ડિરેકટરશ્રી, ગુજરાત ઇન્ડસ્ટ્રી પાવર કંપની લી. વડોદરા.
(૧૮) મુખ્ય વિદ્યુત નિરિક્ષકશ્રી, ઉદ્યોગ ભવન, ગાંધીનગર.
(૧૯) ચેરમેનશ્રી, ટોરેન્ટ પાવર લી. અમદાવાદ.
(૨૦) સર્વે શાખા, ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગ, સચિવાલય, ગાંધીનગર.
(૨૧) પરાંદગી ફાઈલ.

POWER GRID CORPORATION OF INDIA LTD.

332

વર્તમાન ખર્ચ / આવકના મુદ્દાઓ ધ્યાનમાં લઈને આ સાથેના પત્રક માં ફાળાઉ / અનામત /બિન અનામત ચોરસ મીની વધુમાં વધુ શી કિંમત આપી શકાય તે દર્શાવવામાં આવેલ છે.

જમીન સંપાદન અધિકારીઓ તેના સ્થનિકે પ્રમાણે અગાઉના પરિપત્રોમાં તેમજ ઉપરના ફકરાઓમાં આપેલી સુચના પ્રમાણે ચોરસ મીની કિંમત નક્કી કરવાની છે. પત્રકમાં દર્શાવેલ કિંમત પ્રમાણે જ યથાતથ નક્કી કરી આપવું એવો અર્થ આ પરિપત્રનો કરવાનો નથી.

આ પરિપત્ર વિભાગની સરખા ક્રમાંકવાળી ફાઈલ પર રા.૧૬/૧૨/૨૦૨૦ ના રોજ નાણા વિભાગની સંમતિ મેળવીને બહાર પાડવામાં આવે છે.

ગુજરાત ના રાજ્યપાલ શ્રી ના હુકમથી અને તેમના નામે.

* બિડાણ:- પત્રક

(એચ.જે.રાઠોડ)
ઉપસચિવ
મહેસૂલ વિભાગ, ગુજરાત સરકાર

નકલ રવાના પ્રતિ:-

૧.સચિવાલય ના સર્વે વિભાગો
૨.અગ્રસચિવશ્રી, મહેસૂલ વિભાગ, સચિવાલય, ગાંધીનગર
૩.સચિવશ્રી, નર્મદા,જળસંપત્તિ, પાણી પુરવઠો અને કલ્પસર વિભાગ, સચિવાલય, ગાંધીનગર
૪. અગ્ર મુખ્ય વનસંરક્ષકશ્રી, (વન્ય પ્રાણીઓ), ગાંધીનગર
૫. બાગાયત નિયામકશ્રી, કૃષિ ભવન, ગાંધીનગર
૬.મહેસૂલ વિભાગ તપાસણી કમિશ્નરશ્રી, ગાંધીનગર
૭.સર્વે કલેક્ટરશ્રી / અધિક કલેક્ટરશ્રીઓ
૮.સર્વે પ્રાંત અધિકારીશ્રી / સર્વે ખાસ જમીન સંપાદન અધિકારીશ્રીઓ
૯.અધિક કલેક્ટરશ્રી, (સિંચાઈ) વડોદરા / રાજકોટ / ગાંધીનગર
૧૦. અધિક કલેક્ટરશ્રી, (નર્મદા) વડોદરા
૧૧.તમામ ખાસ ફરજ પરના અધિકારીશ્રી (જી.આઈ.ડી.સી. અમદાવાદ, સુરત સહિત)
૧૩.ઘ,ચ, તથા એવોર્ડ શાખા, મહેસૂલ વિભાગ, સચિવાલય, ગાંધીનગર
૧૪.સિલેક્ટ ફાઈલ

333

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(બ) બિન અનામત ઝાડના દરની વિગત દર્શાવતું પત્રક:-

અ. નં.	ઝાડોની જાત	૭ વર્ષ સુધીના વૃક્ષની મહત્તમ કિંમત (પ્રતિ વૃક્ષ)	૭ વર્ષ થી ઉપરના વૃક્ષની મહત્તમ કિંમત (પ્રતિ વૃક્ષ)
૧	નીલગીરી	૧૮૦૦	૫૦૦૦
૨	સુ.બાવળ	૧૧૦૦	૩૦૦૦
૩	લીમડો	૨૫૦૦	૭૦૦૦
૪	દે.બાવળ	૨૧૦૦	૫૦૦૦
૫	કણજ	૧૧૦૦	૩૦૦૦
૬	ગો.આમલી	૧૪૦૦	૪૦૦૦
૭	મીલીયાડુબીયા	૧૧૦૦	૩૦૦૦
૮	પીપળ	૧૧૦૦	૩૦૦૦
૯	પોપલર	૧૧૦૦	૩૦૦૦
૧૦	ખીજડો	૧૧૦૦	૩૦૦૦
૧૧	શરૂ	૧૧૦૦	૩૦૦૦
૧૨	બં.બાવળ	૧૪૦૦	૪૦૦૦
૧૩	અન્ય જાતો	૧૧૦૦	૩૦૦૦
૧૪	મહાગોની	૯૮૦૦	૨૮૦૦૦

નોંધ :- અન્ય જાતો જેવી કે આસોપાલવ, ચંપો, પીલુ, કાસદ, સમપાણી, રેઈન્ટ્રી, ગાં.બાવળ, ગોટરૂક્ષ વિગેરે.

(ક) અનામત ઝાડના દરની વિગત દર્શાવતું પત્રક :-

અ. નં.	ઝાડોની જાત	૭ વર્ષ સુધીના વૃક્ષની મહત્તમ કિંમત (પ્રતિ વૃક્ષ)	૭ વર્ષ થી ઉપરના વૃક્ષની મહત્તમ કિંમત (પ્રતિ વૃક્ષ)
૧	સાગ	૧૦૫૦૦	૩૦૦૦૦
૨	સીસમ	૧૦૫૦૦	૩૦૦૦૦
૩	ચંદન	૧૭૫૦૦	૫૦૦૦૦
૪	મકુડો	૭૦૦૦	૨૦૦૦૦
૫	બોર	૮૮૦૦	૨૫૦૦૦

(એચ.જે.રાઠોડ)
ઉપ સચિવ

Scanned with CamScanner

POWER GRID CORPORATION OF INDIA LTD.
પાવરગ્રીડ POWERGRID

Annx – 17

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
CIN: L40101DL1989GOI038121 पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-II/EDO/2021/ Date: 28.02.2023

To,
The Chief Secretary
Government of Gujarat
5th Block, 5th Floor Sachivalaya
Gandhinagar (Gujarat) -382020

Received
Date.....
Clerk
Chief Secretary's Office
Government of Gujarat
Sachivalaya, Gandhinagar

Kind Attn: Sh. Raj Kumar, IAS

Respected Sir,

Sub: **Construction of transmission lines in Gujarat- Request for support in resolving ROW issues and implementation of Project** -reg

Power Grid Corporation of India Limited (A Govt of India Enterprises under Ministry of Power) is implementing transmission system and EHV substation across the country. POWERGRID has been mandated to construct 765/400/220 kV New Navsari substation and 765/400 kV New Navsari - Padghe, 400kV New Navsari - Magarwada & 400kV Magarwada - Kala transmission lines under Transmission Network Expansion in Gujarat to increase its ATC from ISTS within a compressed time schedule of 15 months from the date of award, i.e by December 2023

The above transmission lines are traversing through various villages in Navsari & Valsad Districts and progress is badly affected due to ROW issues. Work is completely stopped by villagers since September 2022 and undue compensation is being demanded by landowners. Matter was also taken up with Principal Secretary (Energy & Petrochemicals), Additional Secretary (Energy & Petrochemicals) and local administration.(Copy of letters are attached at Annexure-II). Several meetings also held with Revenue officials, Village Sarpanch, Gram panchayat members and local villagers, however, RoW issues are yet to be resolved.

In few locations, farmers were demanding for change in tower locations and deviation from the approved route, which may invite fresh ROW issues as line may pass through adjacent survey numbers. The present status of the project being implemented by POWERGRID in the state of Gujarat is as follows;

Sl No	Project /Line name	Completion Schedule	Activity	Total Qty	Progress Till date	Balance
1	400 kV D/C (Twin HTLS) Navasari (New) (South Gujarat)-Kala line and 400 kV D/C (Twin HTLS) Navasari (New) (South Gujarat)- Magarwada line (M/C portion). (RTM) Award date:11.08.2022	10.11.2023	Foundation (Nos)	253	12	241
			Erection (Nos)	253	0	253
			Stringing (Kms)	95.71	0.00	95.71
2	400kV D/C RIL (Oil Refinery) (GIS) – Jamkhambaliya (GIS) NoA date : 21/11/2022	20.11.2023	Foundation (Nos)	136	0	136
			Erection (Nos)	136	0	136
			Stringing (Kms)	45.00	0.00	45.00
3	kV D/c Magarwada-Kala Line NoA date:31.08.2022	30.11.2023	Foundation (Nos)	115	1	114
			Erection (Nos)	115	0	115
			Stringing (Kms)	44.396	0	44.40
4	765 kV D/c Navsari(New)-Padge (Gujarat portion) Tr. Line NoA date:28.09.2022	27.12.2023	Foundation (Nos)	338	3	335
			Erection (Nos)	338	0	338
			Stringing (Kms)	124.90	0.00	124.90
5	2nd Banaskantha - Sankhari 400 D/C line (Twin Moose)(under RTM) NoA date:11.08.2022	10.10.2024	Foundation (Nos)	57	1	56
			Erection (Nos)	57	0	57
			Stringing (Kms)	22.50	0	22.50

The land compensation orders in line with Govt of Gujrat Guideline Resolution GET-11-2015-GOI-199-K dated 31-12-2021 is under process at both Navasri and Valsad Collector Office and POWERGRID shall follow orders and release the compensation in time. As per the Electricity act, POWERGRID is having only user rights and land will be remain in the name of landowners and as such no land acquisition is involved

We would request to kindly intervene in the matter and advise the concern to resolve the ROW issues at the earliest so as to complete the work within the time schedule in the interest of the Nation and the state of Gujarat.

Thanking you.

Yours sincerely,

28/04/23

(Krishna Kumar T R)
Executive Director, WRSS-II

203

સંપૂર્ણ સ્થાનિક અખબાર

નવસારી ભાસ્કર

બીલીમોરા | ગણદેવી | ચીખલી | આહવા | વાંસદા | સાપુતારા | અમલસાડ | ખેરગામ | જલાલપોર

દિવ્ય ભાસ્કર

divyabhaskar.com

વર્ષ પુરું થવાને મહિનો જ બાકી ત્યારે પોણા 9 કરોડના વેરાની વસૂલાત બાકી

નવસારી પાલિકાના 27.75 કરોડના વેરા બિલમાં 69 ટકા વસૂલાત, હજારો મિલકત વેરાના ઠેકાણા નથી

નવસારી | નવસારી

ચાલુ વર્ષ 2022-23 પૂર્ણ થવાને હવે માંડ એક જ મહિનો બાકી રહ્યો છે ત્યારે નવસારી શહેરમાં મિલકતધારકોની હજારો રૂપિયાની વેરાની વસૂલાત બાકી છે.

નવસારી શહેરમાં 1.31 લાખ જેટલી મિલકતો આવેલી છે. જેના પાસે અત્યારે નગરપાલિકા વેરાની વસૂલાત કરે છે. મળતી માહિતી મુજબ ઉક્ત મિલકતધારકોનું કુલ વેરા માગણું 27.75 કરોડ રૂપિયા જેટલું છે. જોકે તેમાં વર્તમાન સાલનું ચોગણું ઉપરાંત અગાઉના વર્ષોની કેટલાક મિલકત ધારકોની બાકી પણ છે. વેરા માટે નાણાકીય વર્ષ ઓક્ટોબરથી માર્ચ છે ત્યારે હવે વર્તમાન વર્ષ 2022 -23 પૂર્ણ થવાને એક જ મહિનો બાકી રહ્યો છે. આ સ્થિતિમાં હાલ સુધીમાં નગરપાલિકાએ કુલ માગણા 27.75 કરોડ રૂપિયા સામે ડિસેમ્બર સુધીમાં 19 કરોડ જેટલી વસૂલાત કરી છે. બીજા શબ્દોમાં કહીએ તો 69 ટકા વસૂલાત થઈ છે અને 31 ટકા વસૂલાત બાકી છે. પોણા 9 કરોડ રૂપિયાની વસૂલાત બાકી છે અને નાણાકીય વર્ષ પૂર્ણ થવાને એક જ મહિનો બાકી જ બાકી છે. ચોક્કસ કેટલી મિલકતોની વેરા બાકી છે તે જાણી શકાય નથી પણ હજારો મિલકતો હોવાનું જાણવા મળ્યું છે.

મિલકત સીલની કામગીરી શરૂ

જે મિલકતધારકોની વેરા બાકી અગાઉના વર્ષની છે તેમના ઉપર કડકાઈ દાખવવાનું પાલિકાએ શરૂ કરી દીધું છે. પાલિકાના મુખ્યાધિકારી મુજબ ઉક્ત કેટલાક મિલકતોને શહેરમાં 15 જેટલી મિલકતોના સીલ મારવામાં આવ્યા છે તો 15 જેટલી મિલકતોના નળ-વોટર કનેક્શન પણ કાપવામાં આવ્યા છે.

મિલકત જાત કરી હરાજીની પણ તૈયારી?

આમ તો નગરપાલિકા વેરા બાકી પુરા નળ, વોટર કનેક્શન કાપે પણ મિલકત સીલની જ કાર્યવાહી કરતી આવી છે પણ હવે વધુ કડક પગલાં લેવાની તૈયારી કરી રહ્યાની જાણકારી મળી છે. જેમ પ્રથમ મિલકત બાકીદારના નામ જાહેર કરી જપ્ત કરી તેની હરાજી પણ કરી શકે છે.

અગાઉની બાકીની વસૂલાત માટે સ્કિમ તો મુકાઇ પણ...

અગાઉના વર્ષોની વેરા બાકીની વસૂલાત થઈ જાય તે માટે સરકારના ક્રિસાસુસન મુજબ અહીંની પાલિકાએ પણ ૩૧મી માર્ચ સુધીમાં તમામ બાકી ભરપાઈ કરો તો વ્યાજ, દંડ વગેરે માફીની જાહેરાત કરી છે. આ સ્કિમનો લાભ લેવાઈ રહ્યો છે પણ હજુ ધારણે ધીમો નથી. જેના ઉપર પાલિકાની તવાઈ આવી શકે છે.

પાવરગ્રીડની વીજલાઇન માટે રીસરવે કરવા તંત્રની તૈયારી

મરોલી પંથકના અસરગ્રસ્તોએ રજૂઆત કરી

મરોલી | મરોલી

પાવરગ્રીડ કોર્પોરેશન દ્વારા મંગળવારે મરોલી વિસ્તારના અસરગ્રસ્તો સાથેની મુલાકાતી કાર્યક્રમ જગ્યા માટે રીસરવે કરવાની તંત્રે ઠાય તૈયારી બતાવાઈ હતું.

નવસારી જિલ્લાના 45 જેટલા ગામોમાંથી પાવરગ્રીડ કોર્પોરેશનની 400 કેવી અને 765 કેવીની વીજલાઈન વર્ષ જવાની યોજના જણાવાઈ છે. જોકે તેમાં ખેડૂતોની કબ્જુત જમીનોને અસર થનાર હોય વિરોધની મૂર ઉઠયો છે. જે મુદ્દે વાંધાઓની સુનાવણી રાખી છે. સોમવારે જલાલપોર તાલુકાના ખેરગામ માંગેની સુનાવણી રખાયા બાદમાં મંગળવારે આજ તાલુકાના મરોલી પંથકના અસરગ્રસ્ત ગામોની રખાઈ હતી.

પ્રાંત ઓફિસરી, મામલતદાર, પાવરગ્રીડના પ્રતિનિધિઓની ઉપસ્થિતિમાં ખોજવેલ ખેડકના અસરગ્રસ્તોએ પોતાની રજૂઆત કરી હતી. ખાસ કરીને લાઈન બાંધવા જે ૪૮ પસંદ કર્યો છે તેની જગ્યાએ પાકતર ખાંજણની જગ્યા લેવાની રજૂઆત કરી હતી. જેમ કરીનાનો નવા બી આર.૩૪ મુજબ પણ વર્ષો વર્ષ હતી. અસરગ્રસ્તોના જણાવ્યા મુજબ તેમની રજૂઆતને ધ્યાને લઈ તંત્રે લાઈન નીકળવા જગ્યા પુરો રીસરવે કરવા તેમની બાંહેધરી હતી અને તે બાબતે આગામી દિવસોમાં તજજ્ઞ કરવામ આવશે. આગામી દિવસોમા સ્થિતિ વધુ સ્પષ્ટ થઈ શકે છે.

ગાલા હાઈવે સ્થિત હોટેલના કંપાઉન્ડમાં ટેન્કરમાંથી કેમિકલ ચોરીનો પર્દાફાશ

2.61 લાખનું બેન્ઝીન કેમિકલ સહિત 35.23 લાખનો મુદ્દામાલ સાથે એક ઝડપાયો

નવસારી | ગણદેવી

ગણદેવી પોલીસે ગાલા નેશનલ હાઈવે સ્થિત હોટલના કમ્પાઉન્ડમાં ટેન્કરમાંથી કેમિકલ ચોરીનો પર્દાફાશ કરી રૂ. 22.61 લાખનું બેન્ઝીન કેમિકલ ભરેલ ટેન્કર સહિત રૂ. 35 લાખનો મુદ્દામાલ કબ્જે કરી એકની ધરપકડ કરી તપાસ હાથ ધરી છે.

તેમજ ગણદેવી શહેરના પરઈપણી કેરમામાં ગેરકાયદેસર કેમિકલ ગાડવાનું કૌભાંડ ઝડપી પાડયું

મોબાઈલ મળી કુલ રૂ. 35,23,116નો મુદ્દામાલ કબ્જે કરી આરોપી જગદીશ ચંદુ

ચીખલીમાં ઘરમાંથી આઈફોન ચોરાયો

ચીખલી | ચીખલી

ચીખલીના ગાલા ગ્રામ રહેતા યુવાનના ઘરમાંથી 55 હજારના આઈફોન ચોરાયાની ફરિયાદ પોલીસ મથકે નોંધાઈ હતી. ચીખલીના ગાલામાં જીવનજ્યોત એપાર્ટમેન્ટમાં બી-401માં રહેતા અશોકભાઈ ચૌધરીએ ગઈ 55 હજારના મૂલ્યનો આઈફોન-૧૩ પુકયો હતો. જે ઠોઠ ચોર ઇસમે ચોરી લીધો હતો. તેમણે આ બાબતે અંગે ચીખલી પોલીસમાં ફરિયાદ કરતા

નવસારીમાં વધુ એક બાગ નવિનીકરણ સાથે આજે ખુલ્લો મુકાશે

POWER GRID CORPORATION OF INDIA LTD.

Annx-18

Annx-19

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System - II, Regional Headquarters

Ref: WR-2 / Navsari/TLC/ROW/ March 23/1

Date: 07/03/2023

To,
The Collector & District Magistrate
District - Navsari, Gujarat.

Sub: Construction of Navsari (New) (South Gujarat) (GIS) - Magarwada (GIS) 400 kV M/c transmission line under Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B.-**Request for support for the resolution of ROW issues in Govt. locations in Village Morali and chhapar , Taluka Gandevi under Navsari district.**

Letter reference no: WRTS-II/NEW NAVSARI/TLC/Construction/72 dtd 14.02.2023

Respected Sir,

POWERGRID (A Govt. of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt. of India has been entrusted to implement transmission system and EHV substation across the country.

As per the Letter Ref no. I/20218/2022, dated 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed POWERGRID to carry out the construction work of 400 KV Multi Circuit New Navsari- Magarwada Transmission line.

It is to intimated that, as per survey few tower locations are in Govt land in village of Morali and chhapar Taluka Gandevi under Navsari district. The details of locations are given below.

Sr. No	Location no	Village	Taluka	District.
1	14/05	Chhapar	Gandevi	Navsari
2	14/06	Chhapar		
3	14/11	Morali		
4	15/01	Morali		
5	15/02	Morali		
6	15/03	Morali		

338

The foundation work of above locations was started on 15.02.2023 after permission from local administration, however the work stopped by Sarpunch and local villagers of Morali and chhapar village and creating ROW severe issue.

It is to mention here that, construction activity of 400kV M/C New Navsari – Magarwada line is almost stopped since more than six months, even we could not start the construction activity in Govt. land also due to ROW issue created by local villagers, due to which construction of above project is affected very badly.

We would request you to kindly intervene in the matter and provide necessary administrative support to start the construction activity in Govt. land located in village Morali and chhapar, Taluka Gandevi under Navsari district.

Thanking You,

Received
07/03/2023
કલેક્ટર કચેરી
નવસારી

Yours sincerely,

(D K Gupta)
Sr. General Manager (New Navsari)

WR-II New Navsari TLC Office, House NO. 5, Crystal Bunglow, Tighara Road Near Shiv Parvati Society Navsari Gujarat - 396445
Regional Head Office : Plot no.-64, Adjacent to Riya-Suvati Resort Sama-Savli Road, Vadodara - 390 008(Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax: 0265-2487544, ई-मेल/e-mail: newnavsari@powergrid.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016

205

Annx–20

पावरग्रिड
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / Navsari /TLC/NMTL/ March-2024/16

Date: 13/03/2024

To,
The Collector & District Magistrate
Navsari,
District - Navsari
Gujarat.

Sub: **Withdrawal Application under Section 16 (1) in respect of construction of 400 KV M/C Navsari (New) – Magarwada Transmission line associated with ' Transmission network expansion in Gujarat to increase its ATC from ISTS- Part- B.'**

Respected Sir

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

As per the Letter Ref NO. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed Power grid to carry out the construction of 400 KV M/C New Navsari Magarwada Transmission line.

It is to certify that location no. 8/3 & 8/1 of village-Parujan do not fall under the 400 kV New Navsari Magarwada -TL construction.

It is also observed that whatever area is excess to the are mentioned as per 7/12 for Location NO. 14/3 in village – Kotha, survey number 906, comes in other land. Please release Section16 order for the survey number 906 only.

In view of above, application under section 16(1) with Section 10 of the Indian Telegraph Act, 1885 and Section 164 of the Electricity Act, 2003 has been withdrawal. It is requested to The Sub Divisional Magistrate of Chikhli taluka Navsari district to do not process the hearing against location no. 8/3 & 8/1 of village-Parujan.

Thanking You,

Yours sincerely,

(Labhesh Kumar Bansod)
DGM (New Navsari)

o/c

206

WRTS-II New Navsari TLC Office, House No. 5 Cristal Bungalows, Tighra Road, Near Shiv Parvati Society, Navsari 396445 (Gujarat)
Regional Head Office: Plot no.-64, Adjacent to Niya-Rawati Resort Sama-Savli Road, Vadodara – 390 008 (Gujarat)
दूरभाष/Phone: (0) 0265-2487541, फैक्स/Fax: 0265-2487544
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Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

POWER GRID CORPORATION OF INDIA LTD.

સંપૂર્ણ સ્થાનિક અખબાર

નવસારી ભાસ્કર

બીલીમોરા | ગણદેવી | ચીખલી | આહવા | વાંસદા | સાપુતારા | અમલસાડ | ખેરગામ | જલાલપોર

દિવ્ય ભાસ્કર

સોમવાર • તા. 13 માર્ચ, 2023 | 5 જમાદી-ઉલ-આખર 1444

વાંસદાના રવાણિયા ગામના પરિણીત શખસને ડાંગની યુવતી સાથે સંબંધમાં ઘટના બન્યાની આશંકા

લગ્નેતર સંબંધનાં કંકાસમાં બે માસુમ બાળકીઓની હત્યા કરી દંપતિએ ફાંસો ખાધો

એક 4 મહિના અને બીજી 7 વર્ષની દિકરીનો જીવ લેનાર પતિ-પત્નીની લાશ પણ સવારે મળી આવી હતી

4 જણાને મૃત્યુ પામેલા જોઈ હુ ગભરાઈ ગયો અને...

વાંસદા તાલુકાના રવાણીયા ગામના પુનમ ઉમાશ પટેલ અને તેમની પત્નીની ડબગરી ફળિયે ગામે ગામ વેચાત લઇ ત્યાં રહેતા હતા. ગઇકાલે સવારે નિત્ય ક્રમ પુજન પિતા જયંતભાઈ બજુના ઘરમાં ગયેલા હોય અને સવારે ઉઠી ગયા બાદ 7 વાગ્યે ગયા હોવા છતાં છોકરો અને બહુ લાંબા નાના છોકરાઓ કેમ ઉઠ્યા નથી તે બજુના ઘરમાં જોવા ગયા હતા. ત્યારે ઘરમાં પ્રવેશતાની સાથે જ પુનમ પિતા જયંતભાઈ બજુના ઘરમાં ગયેલા હોય અને સવારે ઉઠી ગયા બાદ 7 વાગ્યે ગયા હોવા છતાં છોકરો અને બહુ લાંબા નાના છોકરાઓ કેમ ઉઠ્યા નથી તે બજુના ઘરમાં જોવા ગયા હતા. ત્યારે ઘરમાં પ્રવેશતાની સાથે જ પુનમ પિતા જયંતભાઈ પોતાની પત્ની અને બે દિકરીઓ ઉપર પડતા વીજળીના તાર તૂટ્યા હતા. તેના લીધે ઘરેડકર પડ્યા બધે હતો અને આ વિસ્તારમાં વીજ પૂરવઠો ખોરવાયો હતો. આ ઘટનાની નવસારી ગ્રામ્ય જિલ્લેપને જાણ થતાં ગ્રામ્ય જિલ્લેપની એક ટીમ ઘટના સ્થળે પહોંચી રસ્તા પર પોહું ઝાડને કાપીને દૂર કર્યું હતું. વીજ કંપનીના કર્મચારીઓ આવીને વીજ પૂરવઠો પૂર્વવત કર્યો હતો.

વાંસદા તાલુકાના રવાણીયા ગામના પુનમ ઉમાશ પટેલ અને તેમની પત્નીની ડબગરી ફળિયે ગામે ગામ વેચાત લઇ ત્યાં રહેતા હતા. ત્યારે ઘરમાં પ્રવેશતાની સાથે જ પુનમ પિતા જયંતભાઈ પોતાની પત્ની અને બે દિકરીઓ ઉપર પડતા વીજળીના તાર તૂટ્યા હતા. તેના લીધે ઘરેડકર પડ્યા બધે હતો અને આ વિસ્તારમાં વીજ પૂરવઠો ખોરવાયો હતો. આ ઘટનાની નવસારી ગ્રામ્ય જિલ્લેપને જાણ થતાં ગ્રામ્ય જિલ્લેપની એક ટીમ ઘટના સ્થળે પહોંચી રસ્તા પર પોહું ઝાડને કાપીને દૂર કર્યું હતું. વીજ કંપનીના કર્મચારીઓ આવીને વીજ પૂરવઠો પૂર્વવત કર્યો હતો.

પોલિસ ટીમ વિવિધ દિશાઓમાં કરી વળી હતી અને વધુ માહિતી મેળવી તેમની ધિલકતો ચેક કરી હતી. ગામેરમાં રવિવારે 10 જેટલી ધિલકતો ચેરા આવી મુજે ચેક કરવામાં આવી હતી. જેમાં રુદ્ર એપાર્ટમેન્ટ, મહેતા સ્કૂલ સામેના ખેલાશ ટાવરની, પ્રભાકુજ ની ધિલકતોનો સમાવેશ થાય છે.

હવે નવસારી અને ડાંગ જિલ્લામાં 15-16 માર્ચે માવઠાની આગાહી

અગાઉ 13 અને 14 માર્ચની આગાહી હતી

નવસારીમાં બપોરે તાપમાન 38.5 ડિગ્રી

રવિવારે નવસારી પંથકમાં સવારના સમયે સામુસ તાપમાન 18.5 ડિગ્રી અને બપોરે તો પારો 38.5 ડિગ્રીએ પહોંચતા લોકોએ ભારે ગરમીનો અનુભવ કર્યો હતો. જ્યારે બેજનું પ્રમાણ સવારે 69 ટકા અને બપોરે 22 ટકા નોંધાયું હતું. દિવસ દરમિયાન પવન સરેરાશ 5.6 કિ.મી.પ્રતિ કલાકની ઝડપે ફૂંકાયો હતો.

ખાતર વિભાગની આગાહી મુજબ 15મી માર્ચના રોજ ડાંગ જીલ્લા વિસ્તાર નવસારી જિલ્લાના કેટલાક વિસ્તારમાં વરસાદ પડવાની શક્યતા દર્શાવવામાં આવેલી છે. કે 16 થી માર્ચના રોજ ડાંગ જિલ્લામાં જાપટેટલાયો વરસાદ પડવાની શક્યતા હવામાનમાં આવી છે. 6 અગાઉ પણ બંને જિલ્લામાં વરસાદની આગાહી કરાઈ હતી. અને છૂટો છવાયો વરસાદ પડયો પણ હતો.

અહીં ઉલ્લેખનીય છે કે નવસારી જિલ્લો એ બાગાયતી પાકનો જિલ્લો હોય અને અહીં 33 હજાર હેક્ટરમાં કેરીનું વાવેતર હોવાને લઈને ખેડૂતોમાં આ આગાહી ચિંતા ઉભી કરી રહી છે.

નવસારીમાં ટ્રાફિક ભંગના 13 કેસ નોંધાયા

નવસારી | નવસારી જિલ્લામાં ટ્રાફિક ભંગના 13 કેસ નોંધાયા હતા. નવસારી જિલ્લા પોલીસ કંટ્રોલ ખાતેથી મળતી માહિતી મુજબ ટ્રાફિક ભંગ કરનાર લોકો સામે પોલીસે કલમ કાર્યવાહી કરી હતી. જેમાં પુરઝડપે વાહન હંકારતા લોકો, રસ્તા અને જાહેર માર્ગો પર લોકોને નડે તેમ વાહન રાખનારા સામે, પોલાર્ડીંગ પર વધુ વાહને પાસ કરનારાઓ અને સવિધા ભંગી રાહદારીઓને નો તેમ હોય તેવા વાહન ચાલકો સામે પણ પોલીસે કાર્યવાહી કરી હતી.

કણબાડ હાઈવે ઉપર અકસ્માતમાં 1નું મોત

વૃદ્ધ અજાણ્યા વાહનની અડફેટે આવ્યા

મુસ્તના સહિન ખાતે રહેતા વૃદ્ધ કણબાડ ગામ હાઈવે પાસે રસ્તો ક્રોસ કરતા તેમા અજાણ્યા વાહનચાલકે ટક્કર મારતા વૃદ્ધનું ઘટનાસ્થળે જ મોત થયું હતું.

મુસ્તના સહિન ખાતે રહેતા સ્થાપકભાઈ મનસુખ ઉર્ફે વિનોદભાઈ રાજભારે ખૂબ જુનીએ ગ્રામ પોલીસમાં ફરિયાદ આપી કે, તેમના પતિ મનસુખ ઉર્ફે વિનોદભાઈ ચીખલીમાં આવેલ મુસ્તમાં સિકયુરિટી ગાર્ડ તરીકે કામ કરતા હતા. જાતીજ તેમના ઉપર ગ્રામ પોલીસની લેન આવ્યો કે તેમના પતિ મનસુખ ઉર્ફે વિનોદભાઈ રાજભારે ચોકના બુધવારે કણબાડ ગામ હાઈવે નંબર ૪૮ અમદાવાદથી મુંબઈ જતા રોડ ઉપર રસ્તો પસાર કરતા હતા ત્યારે કોઈ અજાણ્યા વાહનચાલકે તેમને અડફેટે લેતા ગંભીર ઈજાથી તેમનું સ્થળે જ મોત થયું હતું. ઘટનાની જાણ પોલીસે સવીન રહેતી મૃતકની પત્નીને કરતા શોકનું મોજાનું સર્જાયું હતું.

રવિવારે કોરોના કેસ નહીં

નવસારી | નવસારી જિલ્લામાં કાલે કોરોનાનો એક પોઝિટિવ કેસ સામે આવ્યો હતો. ત્યારબાદ રવિવારે સતત બીજા દિવસે કોઈ નવો કેસ નોંધાયો નથી. જો કે એક દર્દી હોમ આઈસોલેશનમાં સ્વસ્થ થઈ રજા લીધી હોય જિલ્લામાં હાલ એક એક્ટિવ કેસ રહ્યો છે. અહીં નોંધનીય છે કે રવિવારે કોવિડ ટેસ્ટની ચકાસણી માટે 121 સેમ્પલો મોકલી આપ્યા હતા.

ટેન્ડર મંગાવવામાં આવે છે.

ડાયેલિસિસ મશીન, હોસ્પિટલ, લેબોરેટરી, કમ્પાઉન્ડીંગ તથા સાંત્વન વિભાગ માટેની મેડીસીન તથા સર્જીકલ આઈટમ સપ્લાયના ટેન્ડર (વર્ષ-૨૦૨૩-૨૪)

ફિ.નં-૭ (માર્ગો) કાર્યાલયમાં જમા કરી રૂ.૧૦૦/- ટેન્ડર ફી ભરી ટેન્ડર ફોર્મ મેળવી ઓફિસ સમય દરમ્યાન જમા કરાવી જવું. (રજાના દિવસો સિવાય)

ગ્રામ સેવા ટ્રસ્ટ ખારેલ, જિ.નવસારી

પાવરગ્રીડની લાઈન ખાનગી ફળદ્રુપ નહિ પડતર જગ્યાએથી લઈ જાઓ

મરોલીમાં મળેલી ખેડૂતોની સભામાં તંત્રની નીતિરીતિનો એકસુરે વિરોધ કરાયો

મરોલીમાં ચાલેલ પાવરગ્રીડ લીમીટેડ અંતર્ગત ખાનગી જમીનમાં લાઈન નાખવાની પડતર જગ્યાઓની જ લઈ જવા એવો એક સુર બહાર કર્યો હતો.આ બાબતે નવસારી જિલ્લાના 45 જેટલા ગામોમાંથી 765 કેવી અને 400 કેવી ની લાઈ ટેન્શન લાઈન લઈ જવાની યોજના છે. આ લાઈન બાબતની કુલદુક જમીનમાંથી લઈ જવાની વાતને લઈ લોકોમાં નારાજગી છે. આ મુદે સ્થાનિક ખેડૂતોની રજુઆત કરાયા બાદ મરોલી કોઠા વિભાગ સંકર્ષ સમિતિના નેજા હેઠળ બીજીવાર રવિવારે મરોલીની ખેડૂત સમાજની વાડીમાં ખેડૂતોની સભા બોલાઈ હતી. સભામાં મોટી સંખ્યામાં લોકો હાજર રહ્યા હતા. સભાને જલાલપોરના પરિમલ પટેલ, મરોલીના કનૈયા પટ્ટા, નવોદના દિલીપભાઈ રાઉલ, ઈશ્વરભાઈ રાજપુત, કાંતિભાઈ પિલોરે એ સંબોધન કરી લાઈન જવાથી ઉભી થનારી મુશ્કેલી,અન્ય પડતર જગ્યાએ લાઈન લઈ જવા વિગેરે સમજ માહિતી આપી હતી. સભામાં ઉપસ્થિત એક સુરે લીએ લાઈન બાનગી જગ્યાઓની લઈ જવાને વિરોધ કરી કોઠાની પડતર જગ્યાઓની લઈ જવાને મત વ્યક્ત કર્યો હતો.

જ્ઞાનવૃદ્ધિ

કી સમયમાં પ્રેરણાદાયી, જ્ઞાન વધારતી આ બદ

શિ ક્ષણ એ માનવ સંસ્કારના નિર્માણ તરીકે ઓળખાય છે. ઉપલબ્ધ કરવાનો અનુભવ ખાસ એ આજના સમય માટે અનુકૂળ છે. લોકો ઓનલાઈન પૂર્ણ જોવાનું અને વર્ષો કરવાનું પસંદ કરે છે. ઈન્ટરનેટ્સથી એ સંબંધિત અભ્યાસ સોબતી જેમ જ સુવિધાનો એક મહત્વપૂર્ણ ભાગ છે. આજનો જનરેશનને ઈન્ટરનેટ્સ છે. વિદ્યાર્થિ આજના સમયની અભ્યાસ-ની પ્રવૃત્તિનું વર્ણન કરતી ચેતિહાસી ખાસ ઉપયોગી થશે.

- **આર્યા ભટ્ટ ઉપગ્રહ (2010) :-** આ ઉપગ્રહ મુદ્રિતમાંથી લોકડાની વાર્તા છે જે ભૂતપૂર્વ ક્રમાનથી પ્રેરિત થાય છે. આર્યા ભટ્ટ ઉપગ્રહને અ અને એક ઉપગ્રહના પુત્ર આર્યભટ્ટ તેની અ પર આધ ક્રેન્દિત કરે છે.
- **ચાલ જિતવા ચાલ (2013) :-** આ ચાલ્યાંકીય એનેલ્ટ ચિત્રના ચિત્ર પરની ચા ચિત્ર છે. આ ચિત્ર આપણને બતાવે છે કે પગારમાં પણ ખામીના અને તે સમય બચાવે આ ચિત્ર આપણને એ પણ શીખવે છે કે કે અને કંપીના જીવન સાથે ખેલવેલા કરેલું.
- **ચોકે ચોકડી (2016) :-** 5000 વર્ષ પૂ 'ચોકેસે કરી' માનવ ઉત્ક્રાંતિકાસના સમય ભાગ પર આ સ્કેલની ચિત્ર બનાવવામાં આ ભારતના ઈતિહાસને સમજવા માટે સોથી
- **ન્યૂટન (2017) :-** ન્યૂટન એ એક ઇન્ડોનેશિયામાં રાજકીય રીતે સંવેદનશીલ ચૂંટણીના સમયે ચોકમાં બને છે. મુખ્ય કથાની અનુભૂતિ દ્વારા ચેરિત્ર મુખ્યકારોનો ભય હોવા છતાં ઇન્ડોનેશિયાના નકસલ-નિર્મોલિત ચારોમાં ચિ ચાલ ચલવા માટે નાયકના સંપૂર્ણ સંકલ્પને ક આંતરિક મૂંઝવણ વિષય ચિંતો આ
- **પરિણીતિ: ઝંખી-ની સતી (2019) :-** ચાલી ગાંઠના જીવન પર આધારિત છે. કે ભારતને અંગ્રેજોના મુકામથી આઝાદ કર પાછું મેળવવા કેવી રીતે ઝેલવા પડે તે છે.
- **ચાલીસા(2019) :-** તે ચાલીસાના નીચે મુજ કાર્યક્રિયન અને છે. ચરાચ સામાજમાં કેવી રીતે મુલ્યોના નિરૂપણ છે. મધ્ય ભારતના ઈતિહાસ તથા ચ વિદ્યાર્થીઓને ઉપયોગી રહેશે.
- **સરદાર ચિત્રમ (2021) :-** પંજાબના સા જીવન પર આધારિત, જેમાંથી અમૃતસરમા ઝલાયોનો બદલો લેવા લંડનમાં જઈ માઇ હતી. મધ્યકાલીન ભારતના ઈતિહાસ અને ચિત્ર ઉપયોગી થશે.
- **રામ મુખીજીવન(2022) :-** આ ચિત્ર પૂ છે, જે ચાલ્યાના ચેરાના રઘુપુર ગામ પૂ વિશે-ની સાથ ભાગની ચલામાત્ર છે. આ ઈતિહાસના ચલાન રાજકોર્ણ-ના એક-ની ગામ છે
- **ઝાંસી કોલ્ડ ગોડસે :** ચોક વિસાર સુ ચાલિયાદ, અસ્પૃશ્યતા અને ચાલિયાદ, ચેના સામાજિક મુદ્દાઓને દૂર કરવા અને સમાનતા અને ન્યાય સ્થાપનાના ગાંધીજીના જ છોકરા-છોકરીના મેનને ચિકાર માનનાર ચિત્ર વિશેષ-નાત્મક રીતે નિરૂપણ કરવામાં આવ્યું

- છોકરાઓ બી

Annx-22

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
CIN: L40101DL1989GOI038121 पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-II/EDO/2021/ Date: 01.04.2023

To,
The Principal Secretary (Energy & Petrochemical department)
Block No. 5, 5th Floor,
Sachivalaya, Gandhinagar,
Gujarat.

Kind Attn: Smt. Mamta Verma, IAS

Respected Madam,

Sub: Construction of transmission lines in Gujarat- Request for support in resolving ROW issues and implementation of Project -reg

Ref: POWERGRID letter WR-II/EDO/2021 dated 28.02.2023

This has reference to POWERGRID letter dated 28.02.2023 regarding Right of Way issues in various transmission lines which are construction in Gujarat.

It is once again reiterated that above transmission lines are traversing through various villages in Navsari, Valsad, Dwarika, Jamnagar, Banaskantha and Patan Districts and progress is badly affected due to ROW issues. Work is completely stopped by villagers since September 2022 and undue compensation is being demanded by landowners. Matter was already taken up with Principal Secretary (Energy & Petrochemicals), Additional Secretary (Energy & Petrochemicals) and local administration. Several meetings also held with Revenue officials, Village Sarpanch, Gram panchayat members and local villagers, however, RoW issues are yet to be resolved.

The present status of the project being implemented by POWERGRID in the state of Gujarat is as follows;

Description	Scheduled date	Activities	Total quantities	Progress	balance
Package:TW02 400 kV D/C (Twin HTLS) Navasari (New) (South Gujarat)-Kala line and 400 kV D/C (Twin HTLS) Navasari (New) (South Gujarat)-Magarwada line NoA date:11.08.2022	10.11.2023	Foundation (Nos)	253	14	239
		Erection (Nos)	253	5	248
		Stringing (Kms)	52.67	0	52.67

क्षेत्रीय मुख्यालय : प्लॉट नं.-54, रिया-रेवती रिज़ॉर्ट के पास, समा-सावली रोड, वडोदरा – 390 008(गुजरात)
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष:/Phone: (O) 0265-2487541, फैक्स:/Fax: 0265-2487544
पंजीकृत कार्यालय: बी-5, कुतब इंस्टीट्युशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

Package:TW01 kV D/c Magarwada-Kala Line NoA date:31.08.2022	30.11.2023	Foundation (Nos)	115	1	114
		Erection (Nos)	115	0	115
		Stringing (Kms)	44.396	0	44.40
Package:TW02 2nd Banaskantha - Sankhari 400 D/C line (Twin Moose) NoA date:11.08.2022	10.10.2024	Foundation (Nos)	57	4	53
		Erection (Nos)	57	0	57
		Stringing (Kms)	22.50	0	22.50
Package:TW03 765 kV D/c Navsari (New)-Padge (Gujarat portion) Tr. Line **NoA date:28.09.2022**	27.12.2023	Foundation (Nos)	338	17	321
		Erection (Nos)	338	4	334
		Stringing (Kms)	124.90	0	124.90
Package- TL01 400kV D/C RIL (Oil Refinery) (GIS) – Jamkhambaliya (GIS) Tr. Line **NoA date: 22.11.2022**	20.11.2023	Foundation (Nos)	136	1	135
		Erection (Nos)	136	0	136
		Stringing (Kms)	45.00	0.00	45.00

The land compensation orders in line with Govt of Gujrat Guideline Resolution GET-11-2015-GOI-199-K dated 31-12-2021 is under process at both Navsari and Valsad Collector Office and POWERGRID shall follow orders and release the compensation in time. As per the Electricity act, POWERGRID is having only user rights and land will be remain in the name of landowners and as such no land acquisition is involved.

We would request to kindly intervene in the matter and advise the concern to resolve the ROW issues at the earliest so as to complete the work within the time schedule in the interest of the Nation and the state of Gujarat.

Thanking you.

Yours sincerely,

(Krishna Kumar T R)
Executive Director, WR-II

209

Annx – 23

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
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पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / Navsari/TLC/ROW/ Apr,23/66

Date: 03/04/2023

To,

The Collector & District Magistrate
District - Navsari, Gujarat.

Sub: Construction of 765kV D/C New Navsari – Padhge line and 400kV M/C New Navsari – Magarwada line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.-**Request for support for the resolution of ROW issues in Navsari district.**

Reference no: Various meetings and correspondences for resolution of ROW issues.

Respected Sir,

Your kind attention is invited to severe ROW issues pertain to above mention line. In this connection, it is to mention that –

343

(1) The completion schedule of abova project is Dec,23. However the construction activities are almost stopped since last 6 months and we are getting continues follow-up from Ministry of Power for timely completion of project.

(2) To resolve the issues, district administration held the meeting with villagers/landowners in the month of Jan,23, but ROW issue was not resolved.

(3) Therefore, 42 applications under section -16 of Indian Telegraph Act 2003 were submitted in the month of Jan,23. Hearing also done in the of Feb,23. Order is awaited.

Still, we are unable to take up the construction activity, due to ROW issues in Navsari district.

It is, therefore, requested to kindly intervene in the matter and provide necessary support to resolve the ROW issues.

Thanking You,

Received
નવસારી

Yours sincerely,

(D K Gupta)
Sr. General Manager (New Navsari)

210

Annx – 24

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / Navsari/TLC/ROW/Apr.23/

Date: 12.04.2023

To,

The Collector & District Magistrate

District - Navsari, Gujarat.

Sub: Construction of Navsari (New) (South Gujarat) (GIS) - Magarwada (GIS) 400 kV M/c transmission line and 765kV New Navsari – Padhge transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- Regarding shifting of transmission line to Eco -Sensitive Coastal Area in Navsari District.

Respected Sir,

This has reference to the letter dtd 20.03.2023 regarding shifting of High-tension electric line to coastal area in Navsari District.

In this regard, it is to be intimated that the earlier route was envisaged as the best possible route in terms of technical requirement of the transmission line. However, in line with the above referred letter, we explored the possibilities for shifting of route towards Khar land in Navsari District. After survey, examination and review, no suitable route is found feasible due to patches of Reserve forest, Water Catchment / Slushy / Fishing area scattered throughout the line length. Accordingly, it is to intimate that, shifting of route at this juncture is technically not feasible.

As the above project is of national importance for the evacuation of power to meet the power demand/crises in South Gujarat, support is requested from your end for the resolution of ROW and to complete the project as per the targeted schedule i.e. Dec,23.

Thanking You,

Yours sincerely,

(D K Gupta)
Senior General Manager, Navsari

Received
12/4/23

WR-II New Navsari TLC Office, House NO. 5, Crystal Bunglow, Tighara Road Near Shiv Parvati Society Navsari Gujarat-39644
Regional Head Office : Plot no.-64, Adjacent to Piya-Pavagi Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष/Phone: (0) 0265-2487541, फैक्स/Fax: 0265-2487544, ई-मेल/e-mail: newnavsari@powergrid.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110016

344
21

Change in route of Transmission line	The selection of route for Overhead Transmission Line is done, only after a detailed field study, by identifying a feasible route of the proposed transmission line. While selecting suitable corridors, avoidance of habited area / Forest area / Water Catchment area, span length, the angle of deviation, other statutory requirements for NH crossing, Power Line Crossing, Gas Pipe line crossing etc and maintenance cost of electric lines and towers and other factors are considered. Once the technical feasibility of the project, has been approved by the appropriate Government, by issuing an order under Electricity Act, 2003, change in route / Major change in Technical Parameters is not possible
Shifting of line to Coastal Area	**NOT FEASIBLE** – Already replied vide our letter Dt 12.04.2023 and 12.10.2023, addressed Collector Navsari
Placement of Tower on any property (NA Land)	Section 10 of Telegraph Act authorizes, to place a line under, over, along or across **any immovable property.**
Prior Consent	Section 10 of Telegraph Act authorizes, to place a line under, over, along or across **any immovable property** **When entry into any property is legally authorised, with payment of compensation to the land owner, no prior consent is required.** The right conferred on the land owner is only to seek for payment of compensation
Compensation as per Act 2013	**No acquisition of land is contemplated under the Telegraph Act** and the provisions of The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 will not be applicable. Usage of the land by the licensee or the authorised person, does not amount to acquisition.
Sufficiency of compensation	**It is not in domain of POWERGRID** to enter into the "sufficiency of compensation" which could only be decided by Gujarat Government / Distt administration.

Annx -25

Manoj Patel
Additional Secretary

No.GET-11-2021-3199-K
Government of Gujarat,
Energy & Petrochemicals Deptt
Block No.5, 5th Floor
Sachivalaya, Gandhinagar
☎ 079 232 50 779
079 232 50 797

To,
The Collector,
District Collector Office,
Government of Gujarat,
District-Navsari

21 APR 2023

Sub: Disposal of Pending RoW issue for construction of various Transmission lines on priority basis under Green Energy Corridor, Kisan Suryoday Yojana, other Schemes/projects & ISTS lines.

Sir,

Gujarat Energy Transmission Corporation Ltd. (GETCO) is one of the Subsidiary companies of Gujarat Urja Vikas Nigam Ltd. (GUVNL). It is working as a State Transmission Utility. GETCO has to strengthen its transmission network by constructing new transmission lines and substations to give quality & uninterrupted power supply to the consumers. GETCO is constructing various transmission lines & sub stations under different Government schemes i.e. Kishan Suryoday Yojana, Green Energy Corridor, Normal Development, and Renovation & Modernization.

346

M/S Power grid Corporation of India limited (A Government of India Enterprises under Ministry of Power), a CPSU (Central Public Sector undertaking) under Ministry of Power, Government of India has been mandated to implement transmission system and EHV substation across the country. POWERGRID has been mandated to construct (1) 400KV M/C Navsari-Magarwada Transmission line and (2) 765 KV Navsari-Padhge transmission lines under Transmission network expansion in Gujarat to increase ATC from ISTS lines.

GETCO is facing severe RoW problems during construction of EHV & 66KV lines. Whenever the severe RoW problems are received, respective transmission line developer has applied to the Office of the District Collector for necessary orders as per provision of the Indian Electricity Act. The lists of such lines under GEC, KSY scheme and other

POWER GRID CORPORATION OF INDIA LTD.

schemes, for which Collector orders are pending, are attached herewith as Annexe-I (GETCO).

GETCO has applied to Collector office for allotment of land for construction of sub station under various schemes. The detail of pending land allotment is attached herewith as Annexure-III.

ISTS line developers are facing severe RoW problems during construction of EHV & 66KV lines. Whenever the severe RoW problems are received, respective transmission line developer has applied to the Office of the District Collector for necessary orders as per provision of the Indian Electricity Act. The lists of such lines under ISTS scheme is attached herewith as Annexe-IV (ISTS lines).

It is requested to expedite for issuing pending RoW order, allotment of substation land and ISTS line issue.

Prompt action is highly appreciated.

The same shall be reviewed by a meeting through V.C. on date 28.4.2023 at 17:00 hrs.

347

It is requested to depute RAC to attend the meeting with updated details.

With Regards,

Yours sincerely,

(Manoj Patel)

Encl.: Annexure- I , III & IV
Copy to:

(1) The Managing Director,GETCO, Vadodara.

POWER GRID CORPORATION OF INDIA LTD.

214

ANNEXURE-IV:- Details of ISTS Line issue						
DISTRICT-NAVSARI						
Sr-No-	Name of line	Village	Taluka	Locations /Span in RoW	Agency	Issue Description/Remarks
1	(1) 400KV M/C Navsati-Magarwada Transmission line. (2) 765KV M/C Navsati-Padhge Transmission line.			Foundation/Tower Erection and stringing work	M/S Power Grid Corporation of India Limited	To provide administrative suppport to M/S Power Grid Corporation of India Limited by resolving RoW issues for construction work of Transmission line at various Villages of Navsari district

Annx-26

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
CIN: U40101DL1989GOI038121 पश्चिम क्षेत्र पारेषण प्रणाली - II, क्षेत्रीय मुख्यालय / Western Region Transmission System - II, Regional Headquarters

Ref: WR-II/EDO/2023/ Date: 25.04.2023

To,
The Principal Secretary (Energy & Petrochemical department)
Block No. 5, 5th Floor,
Sachivalaya, Gandhinagar
Gujarat

Dear Madam,

Kind Attn: Smt. Mamta Verma, IAS

Sub: Construction of 400kV M/C New Navsari-Magarwada,400kV D/C Magarwada-Kala Transmission line, 765kV D/C Navsari- Padge transmission line and 400kV D/C Jamnagar- Jamkhambaliya transmission line - Request to resolve the ROW issues in construction of transmission line in Navsari, Valsad, Jamnagar & Deverbhoomi Dwarka Districts of Gujarat -reg

Ref: WR-II/Projects/ED office/03 dated 18.01.2023

POWERGRID has been mandated through RTM route to construct the 765/400/220 kV New Navsari substation and 765/400 kV New Navsari - Padghe, 400kV New Navsari - Magarwada & 400kV Magarwada - Kala transmission lines under Transmission Network Expansion in Gujarat to increase its ATC(Available Transmission Capacity) from ISTS: Part B within a compressed time schedule of 15 months from the date of award, i.e by December 2023.

In line with the increasing demand for power in the southern state of Gujarat, these project were envisaged under ISTS schemes and further to improve the Power scenario in Southern part Gujarat State.

Further, another 400Kv Transmission line from Jamnagar(RIL) - Jamkahambalia also under construction with a target completion by November 2023.

Above mentioned transmission lines are traversing through various villages in Navsari, Valsad, Devbhoomi Dwaraka & Jamnagar districts and progress is badly affected due to severe ROW issues. Work is almost stopped by villagers demanding either undue compensation or shifting of line from their land. Matter has already been taken up with district administration and several meetings were also held among revenue officials and local villagers, however, RoW issues are yet to be resolved.

क्षेत्रीय मुख्यालय : प्लॉट नं. 54, रिवा-रेवती रिसॉर्ट के पास, समा-सावली रोड, वडोदरा - 390 008 (गुजरात)
Regional Head Office : Plot no. 54, Adjacent to Riva-Revati Resort Sama-Savli Road, Vadodara - 390 008 (Gujarat)
दूरभाष/Phone: (0265) 2481541 टेलीफैक्स/Fax 0265 2487541
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

CIN- L40101DL1989GOI038121 पश्चिमी क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System -II, Regional Headquarters

The present status of the aforesaid transmission lines being implemented by POWERGRID in the state of Gujarat is as follows:

Sl No.	Project/Line Name	District involved	Tower Foundation Qty	Progress till date	Balance	Completion Schedule
1	400 kV D/C Navsari (New)-Magarwada line NOA : 11.08.2022	Navsari	245	9	236	Nov'23 Dec'23
2	765 kV D/C Navsari (New)-Padghe line NOA : 28.09.2022					
3	400 kV D/C Magarwada - Kala line NOA : 31.08.2022	Valsad	393	30	363	Nov'23
4	400kV D/C RIL (Oil Refinery) (GIS) - Jamkhambaliya (GIS) NoA date : 21/11/2022	Devarbhumi Dwaraga.	43	0	43	Nov'23
		Jamnagar	90	3	87	

We would like to inform that POWERGRID is not acquiring the land for construction of transmission line as per Electricity Act. However, the compensation shall be disbursed for loss or damages to the standing crop &tree and land compensation for tower footing area and line corridor to the affected land owners/farmers as assessed by revenue authorities in line with compensation guideline resolution No.: GET-11-2015-GOI-199-K dated 31-12-2021 of Govt of Gujarat.

As considerable time has already been lost, it is requested to kindly intervene in the matter and advise the concern to resolve the ROW issues in Valsad, Navsari, Devbhoomi Dwarika & Jamnagar districts to compete the construction works within the targeted time schedule.

Also the land compensation orders need to be issued on priority in all the four districts.

Thanking you,

Yours sincerely,

(Krishna Kumar T R)
Executive Director, WR-II

Received
[illegible]
Sr. [illegible] als Deputy [illegible]

क्षेत्रीय मुख्यालय : प्लॉट न.-54, रिया-रेवती रिजॉर्ट के पास, समा-सावली रोड, वडोदरा - 390 008(गुजरात)
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Saima-Savli Road, Vadodara - 390 008(Gujarat)
[illegible]
पंजीकृत कार्यालय: बी-9, कुतब इन्स्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Annx-27

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

CIN: L40101DL1989GOI038121 पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-II/EDO/2023/ Date: 25.04.2023

To,
The Principal Secretary (Energy & Petrochemical department)
Block No. 5, 5th Floor,
Sachivalaya, Gandhinagar
Gujarat

Dear Madam,

Kind Attn: Smt. Mamta Verma, IAS

Sub: **Construction of 400kV M/C New Navsari-Magarwada,400kV D/C Magarwada-Kala Transmission line, 765kV D/C Navsari- Padge transmission line and 400kV D/C Jamnagar- Jamkhambaliya transmission line - Request to resolve the ROW issues in construction of transmission line in Navsari, Valsad, Jamnagar & Deverbhoomi Dwarka Districts of Gujarat -reg**

Ref: WR-II/Projects/ED office/03 dated 18.01.2023

351

POWERGRID has been mandated through RTM route to construct the 765/400/220 kV New Navsari substation and 765/400 kV New Navsari - Padghe, 400kV New Navsari - Magarwada & 400kV Magarwada - Kala transmission lines under Transmission Network Expansion in Gujarat to increase its ATC(Available Transmission Capacity) from ISTS: Part B within a compressed time schedule of 15 months from the date of award, i.e by December 2023.

In line with the increasing demand for power in the southern state of Gujarat, these project were envisaged under ISTS schemes and further to improve the Power scenario in Southern part Gujarat State.

Further, another 400Kv Transmission line from Jamnagar(RIL) - Jamkahambalia also under construction with a target completion by November 2023.

Above mentioned transmission lines are traversing through various villages in Navsari, Valsad, Devbhoomi Dwaraka & Jamnagar districts and progress is badly affected due to severe ROW issues. Work is almost stopped by villagers demanding either undue compensation or shifting of line from their land. Matter has already been taken up with district administration and several meetings were also held among revenue officials and local villagers, however, RoW issues are yet to be resolved.

POWER GRID CORPORATION OF INDIA

क्षेत्रीय मुख्यालय : प्लॉट नं.-54, रिया-रेवती रिज़ॉर्ट के पास, समा-सावली रोड, वडोदरा – 390 008 (गुजरात) -
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008 (Gujarat)
दूरभाष:/Phone: (O) 0265-2487541, फैक्स:/Fax: 0265-2487544
पंजीकृत कार्यालय: बी-5, कुतब इंस्टीटयुशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

The present status of the aforesaid transmission lines being implemented by POWERGRID in the state of Gujarat is as follows;

Sl No.	Project/Line Name	District Involved	Tower Foundation Qty	Progress till date	Balance	Completion Schedule
1	400 kV D/C Navsari (New)-Magarwada line NOA : 11.08.2022	Navsari	245	9	236	Nov'23
2	765 kV D/C Navsari (New)-Padghe line NOA : 28.09.2022					Dec'23
3	400 kV D/C Magarwada - Kala line NOA : 31.08.2022	Valsad	393	30	363	Nov'23
4	400kV D/C RIL (Oil Refinery) (GIS) - Jamkhambaliya (GIS) NoA date : 21/11/2022	Devarbhumi Dwaraga	43	0	43	Nov'23
		Jamnagar	90	3	87	

352

We would like to inform that POWERGRID is not acquiring the land for construction of transmission line as per Electricity Act. However, the compensation shall be disbursed for loss or damages to the standing crop &tree and land compensation for tower footing area and line corridor to the affected land owners/farmers as assessed by revenue authorities in line with compensation guideline resolution No.: GET-11-2015-GOI-199-K dated 31-12-2021 of Govt of Gujarat.

As considerable time has already been lost, it is requested to kindly intervene in the matter and advise the concern to resolve the ROW issues in Valsad, Navsari, Devbhoomi Dwarika & Jamnagar districts to compete the construction works within the targeted time schedule.

Also the land compensation orders need to be issued on priority in all the four districts.

Thanking you,

Yours sincerely,

25/04/23

(Krishna Kumar T R)
Executive Director, WR-II

Received
25/4/23
Energy ... nicals Deptt.
Sachiv... ...Gandhinagar

219

Annx-28

पावरग्रिड
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

Ref: CC/Dir(Proj)/2023/

Date: 28.04.2023

The Chief Secretary,
Government of Gujarat
1st Block, 5th Floor,
Sachivalaya, Gandhinagar
Gujarat

Kind Attn: Shri Raj Kumar, IAS

Sub: Construction of 400kV M/C New Navsari - Magarwada, 400kV D/C Magarwada - Kala Transmission line, 765kV D/C Navsari - Padge transmission line, 400kV D/C Jamnagar–Jamkhambaliya Transmission Line and 765/400kV Substations under Khavda PS - **Request to resolve the ROW issues in construction of transmission line in Navsari, Valsad, Jamnagar & Devbhoomi Dwarka Districts of Gujarat & support for handing over of land for proposed 765/400kV Ahmedabad Substation.**

Ref: WR-II/EDO/2021 dated 28.02.2023

Dear Sir,

POWERGRID has been entrusted to construct the 765/400/220 kV New Navsari substation and 765 kV New Navsari – Padghe, 400kV New Navsari – Magarwada & 400kV Magarwada – Kala transmission lines under Transmission Network Expansion in Gujarat to increase its Available Transmission Capacity from ISTS within a compressed time schedule of 15 months i.e. by December 2023.Further, 400kV Transmission line from Jamnagar(RIL) – Jamkahambalia is also under construction with a target completion schedule of November 2023.

The above transmission lines are traversing through various villages in Navsari, Valsad, Devbhoomi Dwaraka & Jamnagar Districts but progress has been badly affected due to Right of Way issues. Work is almost stopped by villagers demanding either undue compensation or shifting of line from their land. Matter has already been taken up with district administration and several meetings were also held among revenue officials and local villagers, however, RoW issues are yet to be resolved.

We would like to inform that POWERGRID is not acquiring the land for construction of transmission line as per Electricity Act'2003. However, the compensation shall be disbursed for loss or damages to the standing crop & tree and land compensation to the affected land owners/farmers as assessed by revenue authorities in line with compensation guideline resolution No.: GET-11-2015-GOI-199-K dated 31-12-2021 of Govt of Gujarat.

Received
Date 28/04/23
Clerk
Chief Secretary's Office
Government of Gujarat
Gandhinagar

पावरग्रिड
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

Transmission lines being implemented by POWERGRID in following District of Gujarat :

Sl No.	Project/Line Name	District Involved (Gujarat)
1	400 kV D/C Navsari (New)- Magarwada line	Navsari & Valsad
2	765 kV D/C Navsari (New)- Padghe line	
3	400 kV D/C Magarwada – Kala line	
4	400kV D/C RIL (Oil Refinery) (GIS) – Jamkhambaliya (GIS)	Devabhumi Dwaraka & Jamnagar

It is also to inform that recently POWERGRID has also been entrusted for construction of a new 765/400 KV Sub-Station at Ahmedabad & associated Transmission Lines for evacuation of RE power from Khavda in Gujarat. A land for substation (measuring approx. 112.5 Acres) near Zolapur Village, Taluka Sanad in Ahmedabad district has been identified for construction of Substation.

For the land acquisition of Ahmedabad Substation, POWERGRID has submitted request in PM Gati Shakti portal having Project ID-GSG/2023/MOP/P4352 dtd. 13/04/2023 and currently it is under process at collector office, Ahmedabad. The above project has to be completed in a time bound manner within a period of 24 months and the project is directly monitored by Ministry of Power, Govt of India.

In view of above, it is requested to kindly intervene in the following matters to enable us to complete the subject projects within the targeted time schedule :

- Advise the concern for issuance of land compensation orders in Valsad, Navsari, Devbhoomi Dwarika & Jamnagar districts to resolve the severe ROW issues.
- Providing support for expeditious handing over of Ahmedabad Substation Land.

Thanking you.

Yours sincerely,

(Abhay Choudhary)
Director (Projects)

POWER GRID CORPORATION OF INDIA LTD.

221

Annx-29

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System - II, Regional Headquarters

Ref: WR-2 / Navsari/TLC/ROW/May,23/

Date: 11/05/2023

To,

The Collector & District Magistrate
District - Navsari, Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada line and 765kV D/C New Navsari – Padhge line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS. Part B.- **Request for support for the resolution of ROW issues in Navsari district.**

Reference no: Various meetings and correspondences for resolution of ROW issues.

Respected Sir,

Your kind attention is invited to severe ROW issues pertain to above mention line. In this connection, it is to mention that –

(1) Construction work of above-mentioned transmission line projects is completely stopped in Navsari district due to severe ROW and stiff resistance by local villagers and demand of undue compensations.

(2) Therefore, 42 applications under section -16 of Indian Telegraph Act 2003 were submitted in the month of Jan,23. Hearing also done in the of Feb,23. However hearing order is still awaited.

(3) To resolve the ROW issues, district administration held the meeting with villagers/landowners in the month of Jan,23, but ROW issue was not resolved.

(4) Due to severe ROW issues in Navsari district, the construction work of above project is affected very badly.

In view of above, it is once again requested to kindly intervene in the matter and provide necessary support to POWERGRID in implementing the subject project as per targeted schedule.

Thanking You,

Yours sincerely,

11/5/23

(S. Muralidharan)
General Manager (New Navsari)

WR-II New Navsari TLC Office, House NO. 5, Crystal Bunglow, Tighara Road Near Shiv Parvati Society Navsari Gujarat- 396
Regional Head Office : Plot no.-94, Adjacent to Riya-Ravati Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष:/Phone: (0) 0265-2487541, फैक्स:/Fax: 0265-2487544, ई-मेल:/e-mail: newnavsari@powergrid.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटयूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016

Annx – 30

पावरग्रिड
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

Ref: CC/CMD/2305-001

Date: 15 May 2023

The Chief Secretary
Government of Gujarat
1st Block, 5th Floor.
Sachivalaya, Gandhinagar
Gujarat

Dear Sir,

The Government of India has entrusted to POWERGRID the construction of 765/400/220 kV New Navsari substation and associated transmission lines viz. 765 kV New Navsari – Padghe, 400 kV New Navsari – Magarwada & 400 kV Magarwada – Kala and 400 kV Jamnagar – Jamkhambaliya with schedule completion of Nov/Dec 2023. This system would increase the transmission capacity for import of power from the ISTS network by Gujarat to meet its increasing load.

The above transmission lines are traversing through various villages in Navsari, Valsad, Jamnagar & Devbhumi districts. We are facing severe Right of Way issues and work is almost stopped by villagers demanding higher compensation or shifting of line from their land. The land compensation orders in the above-mentioned districts are yet to be issued by the authorities.

We request you to kindly look into the matter on priority so that work can be expedited on this project. I also seek your time on a mutually convenient date to discuss the way forward to speed up the pace of this important project.

Thanking you,

Yours sincerely,

(K Sreekant)
Chairman & Managing Director

Received
Date 05/06/23
Clerk
Chief Secretary's Office
Government of Gujarat
Sachivalaya, Gandhinagar

POWER GRID CORPORATION OF INDIA LTD.
पावरग्रिड POWERGRID

केन्द्रीय कार्यालय : "सौदामिनी" प्लॉट सं. 2, सेक्टर–29, गुरुग्राम–122001 (हरियाणा), दूरभाष : 0124–2822000, 2823000
Corporate Office : "Saudamini", Plot No. 2, Sector-29, Gurugram-122001, (Haryana) Tel. : 0124-2822000, 2823000
पंजीकृत कार्यालय : बी 9, कुतुब इंस्टीटयूशनल एरिया, कटवारिया सराय, नई दिल्ली–110016 011-26560112, 26564812, 26564892, सीआइएन : L40101DL1989GOI038121
Registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016. Tel. : 011-26560112, 26564812, 26564892. CIN : L40101DL1989GOI038121
Website : www.powergrid.in

Annx -3)

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
CIN: L40101DL1989GOI038121 पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-II/CGM/2023/01 Date: 14.06.2023

To,
Commissioner of Land Reforms and Ex-officio Secretary
Revenue Department,
11th Block, 5th Floor,
Sachivalaya, Gandhinagar

Kind Attn: Shri Swaroop P., IAS

Sub: Construction of 400kV M/C New Navsari-Magarwada,400kV D/C Magarwada-Kala Transmission line, 765kV D/C Navsari- Padge transmission line, 400kV D/C Jamnagar-Jamkhambaliya Transmission Line and 765/400kV Substations under Khavda PS
- **Request to resolve the ROW issues in construction of transmission line in Navsari, Valsad, Jamnagar & Devbhoomi Dwarka Districts of Gujarat**

Dear Sir,

Power Grid Corporation of India Limited, a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country. As per letter Ref No I/20218/2022 dated 04.02.2022 under Sub Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power, GoI has directed POWERGRID to carry out the construction 765 kV New Navsari - Padghe, 400kV New Navsari - Magarwada & 400kV Magarwada - Kala transmission lines under Transmission Network Expansion in Gujarat to increase its ATC(Available Transmission Capacity) from ISTS within a compressed time schedule of 15 months i.e. by December 2023.Further, 400kV Transmission line from Jamnagar(RIL) - Jamkahambalia is also under construction with a target completion schedule of November 2023.

Above mentioned transmission lines are traversing through various villages in Navsari, Valsad, Devbhoomi Dwaraka & Jamnagar Districts and progress is badly affected due to severe ROW issues. Work is almost stopped by villagers demanding either undue compensation or shifting of line from their land. Matter has already been taken up with district administration and several meetings were also held among revenue officials and local villagers, however, RoW issues are yet to be resolved. We are in continuous touch with the revenue authority for land rates but the same is yet to be communicated to us. Due to non-availability of land rates, we are unable to finalise the land compensation.

क्षेत्रीय मुख्यालय : प्लॉट नं.-54, रिया-रेवती रिज़ॉर्ट के पास, समा-सावली रोड, वडोदरा – 390 008(गुजरात)
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष:/Phone: (O) 0265-2487544, फैक्स:/Fax: 0265-2487544
पंजीकृत कार्यालय: बी-5, कुतब इंस्टीटूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

We would like to inform that POWERGRID is not acquiring the land for construction of transmission line as per Electricity Act'2003. However, the compensation shall be disbursed for loss or damages to the standing crop & tree and land compensation for tower footing area and line corridor to the affected landowners/farmers as assessed by revenue authorities. We would like to confirm that any land rate order issued by Govt of Gujarat or district collector for construction of aforesaid transmission lines shall be honoured by POWERGRID.

In view of above, we shall undertake that whatever rate for land compensation finalised by the Govt. of Gujarat / District Administration, for construction of aforesaid transmission lines, shall be paid by POWERGRID. Meanwhile, it is requested to support us to carry out construction activities of above Transmission Lines and advise concern district administration to support in resolution of RoW issues to complete the project of national importance as per stipulated time schedule.

Thanking you,

Yours sincerely,

14.06.23

(R K Gupta)

Chief General Manager (Projects)

225

Page 2 of 2

Annx-32

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
CIN: L40101DL1989GOI038121 पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / Navsari/TLC/ROW/ 03

Date: 06/07/2023

To,
The Collector & District Magistrate
District - Navsari,
Gujarat

Sub: Construction of 765KV D/C New Navsari – Padhge transmission line and 400KV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.
-Request for issuance of order under section 16(1) of The Indian Telegraph Act, 1885 for implementation of transmission line

Dear Sir,

Power Grid Corporation of India Ltd (A Govt of India Enterprises) under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country. Ministry of Power, Govt of India has directed POWERGRID to carry out the construction of 765kV D/C New Navsari – Padhge and 400KV M/C New Navsari – Magarwada transmission lines as per their letter ref no. I/2021/8/2022 dated 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003

As you are aware that these transmission lines are traversing through various villages in Navsari district and progress is badly affected due to severe ROW issues. ROW issues were taken up with district administration many times, however, issues are yet to be resolved. Construction work of aforesaid transmission lines are almost stand still. Subsequently, 185 nos. applications were filed under section 16(1) of The Indian Telegraph Act, 1885 for passing order of removal of obstruction, however, orders are yet to be issued. Details of 185 applications submitted under section 16(1) is enclosed at Annexure I.

We would request you to kindly intervene in the matter and issue necessary orders at the earliest to enable us to complete this transmission line project.

Thanking you,

Yours sincerely,

06/7/23

(R K Gupta)
Chief General Manager (Projects), WR-II

Received

POWER GRID CORPORATION OF INDIA LTD.

Annx-33

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System - II, Regional Headquarters

Ref: WR-2 / New Navsari /TLC/400kV /Aug,23 Date: 11/08/2023

To,
The Collector & District Magistrate
District - Navsari, Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- **Request for the police protection for the construction activity.**

Respected Sir,

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

Vide letter dtd 13.01.2022, Ministry of Power (Govt of India) and vide letter ref no. I/20218/2022, dtd 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed POWERGRID to carry out the construction of 400kV M/C New Navsari – Magarwada transmission line.

The above subjected transmission line traversing through Navsari District and during construction activity, there is stiff resistance by local villagers and demanding undue compensation due to which construction work is affected very badly since Sep,22.

To resolve the dispute, 102 applications under section 16 (1) were filed by POWERGRID. After hearing of section 16(1) applications, order for 18 applications has been issued on 27.07.23 and 31.07.23 by Sub Divisional Magistrate, Navsari and Chikhali.

Accordingly, POWERGRID has taken up the issue with land owners in village Abrama, Kharsad, Kaithan, Kothambdi, Pethan,Parujan, Chhinam, Bodali, Simalgam, Mirajapore, Kalamtha and Jalalpore to start the construction activity as per order received from Sub District Magistrate Navsari. However, land owners not allowing any construction activity till date.

In view of above, it is requested to kindly provide the police protection & necessary support along with revenue officials to start the construction work in above villages of Navsari district.

Thanking You,

Yours sincerely,

S Muralidharan
GM New Navsari

Received
प्राप्त हुआ
[illegible]

WR-II New Navsari TLC Office, House NO. 5 , Crystal Bunglow, Tighara Road Near Shiv Parvati Society Navsari Gujarat-396445
Regional Head Office : Plot no.-54, Adjacent to Riya-Resort Resort Sama-Savli Road, Vadodara – 390 012(Gujarat)
दूरभाष/Phone: (0) 0265-2487541, फैक्स/Fax 0265-2487544, ई-मेल/e-mail: nawnavsari@powergrid.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110016

Annx- 84

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / New Navsari /TLC/400kV /Aug,23 Date: 11/08/2023

To,
The Superintendent of Police
District - Navsari,
Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- **Request for the police protection for the construction activity.**

Respected Sir,

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

Vide letter dtd 13.01.2022, Ministry of Power (Govt of India) and vide letter ref no. I/20218/2022, dtd 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed POWERGRID to carry out the construction of 400kV M/C New Navsari – Magarwada transmission line.

The above subjected transmission line traversing through Navsari District and during construction activity, there is stiff resistance by local villagers and demanding undue compensation due to which construction work is affected very badly since Sep,22.

To resolve the dispute, 102 applications under section 16 (1) were filed by POWERGRID. After hearing of section 16(1) applications, order for 18 applications has been issued on 27.07.23 and 31.07.23 by Sub Divisional Magistrate, Navsari and Chikhali.

Accordingly, POWERGRID has taken up the issue with land owners in village Abrama, Kharsad, Kalthan, Kothambdi, Pethan,Parujan, Chhinam, Bodali, Simalgam, Mirajapore, Kalamtha and Jalalpore to start the construction activity as per order received from Sub District Magistrate Navsari. However, land owners not allowing any construction activity till date.

In view of above, it is requested to kindly provide the police protection & necessary support to start the construction work in above villages of Navsari district.

Thanking You,

Yours sincerely,

11/8/23

S Muralidharan
GM New Navsari

11-8-23
Sub. of Police
Navsari

CC:- For kind information
Collector & District Magistrate, Navsari

WR-II New Navsari TLC Office, House NO. 5, Crystal Bungalow, Tighura Road Near Shiv Parvati Society Navsari Gujarat 3954
Regional Head Office: Plot no.-54, Adjacent to Riya-Rewati Resort Sarra-Savli Road, Vadodara – 390 007(Gujarat)
दूरभाष/Phone: (0) 0265-2487541, फैक्स/Fax: 0265-2487544, ई-मेल/e-mail: newnavsari@powergrid.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016

228

400 KV M/C NEW NAVSARI - MAGARWADA TL (TW-01,BAJAJ)

SL No.	NO. OF VILLAGE	TALUKA	DISTRICT
1	NIMLAI	JALALPOR	NAVSARI
2	MANGROL		
3	PARIJAN		
4	SIMALGAM		
5	CHHINAM		
6	MIRJAPUR		
7	TAVDI		
8	JALALPUR	NAVSARI CITY	
9	BODALI	JALALPOR	
10	PETHAN		
11	KOTHAMANDI		
12	AETHAN		
13	AAT		
14	KALTHAN		
15	ABRAMA		
16	KHARSAD		
17	PANAR		
18	KOTHA	GANDEVI	
19	CHHAPER		
20	KALAMTHA		
21	MORLI		
22	WAGHRECHA		
23	GOYDI BHATHLA		

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Annx- 35

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / New Navsari /TLC/400kV /Aug,23/2 Date: 16/08/2023

To,
The Superintendent of Police
District - Navsari,
Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- **Request for the police protection demand for the construction activity.**

Our earlier letter ref no : WR-2 / New Navsari /TLC/400kV /Aug,23 dtd 11.08.23

Respected Sir,

This has reference to our earlier letter dtd 11.08.23, regarding support and police protection for the construction of 400kV M/C New Navsari – Magarwada line.

The above transmission line is traversing through various villages in Navsari district. (taluka Jalapore, Navsari city and Gandevi) Progress work of above project is affected very badly due to severe ROW issues. ROW issues were taken up with district administration time to time, however still issues are yet to be resolved

Further, the construction activities at Location No. 7/2 and 7/3 in village Mirjapore taluka Jalalpore was started after getting permission from land owner. However local residences of village Mirjapore has been rushed to the working site and stopped ongoing work and also threatened to our officials.

It is to mention that POWERGRID will pay compensation for loss or damages to the affected land owners as per Govt resolution (GR) issued by Govt of Gujarat on 31.12.2021 after assessment and verification by respective Taluka's of Revenue department.

In view of above, it is requested kindly give the demand note of Rs 10 lacs for the release of advance payment for police protection to complete the above project of national importance.

Yours sincerely,
16/8/23
S Muralidharan
GM New Navsari

17-8-23

c/c

WR-II New Navsari TLC Office, House NO. 5, Crystal Bunglow, Tighara Road Near Shiv Parvati Society Navsari Gujarat - 396445
Regional Head Office: Plot no.-54, Adjacent to Riya Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष/Phone: (0) 0265-2467541, फैक्स/Fax 0265-2467544, ई-मेल/e-mail: newnavsari@powergrid.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016

Annx-86

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)

पावरग्रिड POWERGRID

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Date: 17/08/2023

Ref: WR-2 / Navsari /TLC/NMTL/ Aug,23/96

To,
The Sub Divisional Magistrate
Navsari
District - Navsari,
Gujarat.

Sub: Regarding Village wise Landowner details of construction of 400 KV M/C New Navsari– Magarwada Transmission line associated with 'Transmission network expansion in Gujarat to increase its ATC from ISTS- Part- B.'

Respected Sir,

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

As per the Letter Ref NO. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed Power grid to carry out the construction of 400 KV M/C New Navsari - Magarwada Transmission line.

It is to inform that our above mentioned line is passing through various villages of Jalalpore & Navsari City Taluka in Navsari District. We are submitting the list of landownership details along with survey No of tower locations attached here with.

Thanking You,

Yours sincerely,

(Labhesh Kumar Bansod)
Dy General Manager
(New Navsari)

WR-II New Navsari TLC Office, House NO. 5 , Crystal Bunglow, Tighara Road Near Shiv Parvati Society Navsari Gujarat-3
Regional Head Office : Plot no.-64, Adjacent to Hira-Ratati Resort Samo-Savli Road, Vadodara - 390 008(Gujarat)
दूरभाष/Phone: (O) 0265-2487543, फैक्स/Fax 0265-2487544, ई-मेल/e-mail: newnavsari@powergrid.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016

400 KV M/C New Navsari - Magarwada TL,(TW-01)(M/S Bajaj Electricals) Section-16 ,

Sl No	Village	Taluka	Name of owner	Loc No.	SURVEY NO.	Section 16 Hearing dtd.	Section 16 order issues dtd
1	Dipla	Jalalpore	Govt. Land	1/0	487		
2	Dipla	Jalalpore	Govt. Land	1A/0	496		
3	Dipla	Jalalpore	Renukaben Madusadan modi and etc	2/0	269	Hearing Pending	Order Pending
4	Nimlai	Jalalpore	Ambubhai Veshabhai and etc	2A/0	363	Hearing Pending	Order Pending
5	Nimlai	Jalalpore	Ishwarbhai Parbhubhai and etc	28/0	359	Hearing Pending	Order Pending
6	Nimlai	Jalalpore	Khandubhai Chhotubhai Patel	28/1	307	Hearing Pending	Order Pending
7	Nimlai	Jalalpore	Ramilaben Manubhai Dhedabhai and etc	28/2	321	Hearing Pending	Order Pending
8	Nimlai	Jalalpore	Laxmiben Chhaganbhai and etc	28/3	343	Hearing Pending	Order Pending
9	Mangrol	Jalalpore	Laxmiben Govindbhai and etc	3/0	137	Hearing Pending	Order Pending
10	Mangrol	Jalalpore	Jaswantiben Keshavbhai and etc	3/1	141	Hearing Pending	Order Pending
11	Mangrol	Jalalpore	Jamnaben Prabhubhai and etc	3/2	85	Hearing Pending	Order Pending
12	Mangrol	Jalalpore	Jekorben Morarbhai and etc	4/0	73	Hearing Pending	Order Pending
13	Mangrol	Jalalpore	Ambubhai Makanbhai and etc	4/1	42	Hearing Pending	Order Pending
14	Mangrol	Jalalpore	Harishbhai Dajibhai Patel and etc	4/2	26	Hearing Pending	Order Pending
	Mangrol	Jalalpore	Dhaniben Haribhai Premabhai and etc		27	Hearing Pending	Order Pending
15	Mangrol	Jalalpore	Ratanben Bhagubhai jerambhai Patel and etc	4/3	358	Hearing Pending	Order Pending
	Mangrol	Jalalpore	Hareshbhai Jerambhai Patel and etc		357	Hearing Pending	Order Pending
16	Mangrol	Jalalpore	Gandabhai Nathubhai	5/0	329	Hearing Pending	Order Pending
17	Mangrol	Jalalpore	Govindbhai Makanbhai Patel	5/1	295	Hearing Pending	Order Pending
18	Mangrol	Jalalpore	Dhanaben Gulabhai Narsinhbhai patel	5/2	272	Hearing Pending	Order Pending
19	Parujan	Jalalpore	Hasmukhbhai Somabhai	5/3	331	28.02.2023	27.07.2023
20	Parujan	Jalalpore	Nirmal Vrajlal	5/4	329	28.02.2023	27.07.2023
21	Parujan	Jalalpore	Ramanbhai Chhaganbhai	5/5	328	Hearing Pending	Order Pending
22	Parujan	Jalalpore	Rasmiben Dinkarrai Desai	5/6	939	Hearing Pending	Order Pending
23	Parujan	Jalalpore	Dilipbhai Sumanrai Desai	6/0	571	Hearing Pending	Order Pending
24	Parujan	Jalalpore	Rasmiben Dinkarrai Desai	6/1	55	Hearing Pending	Order Pending
25	Parujan	Jalalpore	Balubhai Bhanabhai Patel	6/2	146	Hearing Pending	Order Pending
26	Parujan	Jalalpore	Munir ahmed Mustak khan	6/3	151	Hearing Pending	Order Pending
27	Parujan	Jalalpore	Mahadevbhai Mohanlal desai	6/4	79	Hearing Pending	Order Pending
28	Parujan	Jalalpore	Zeeniben Ravjibhai Parabhai	6/5	79	Hearing Pending	Order Pending
29	Parujan	Jalalpore	Morarbhai Jivanbhai	6/6	122	Hearing Pending	Order Pending
30	Simalgam	Jalalpore	Zaverbhai Mangabhai	6/7	159	Hearing Pending	Order Pending
31	Simalgam	Jalalpore	mithiben ravjibhai	6/8	455	Hearing Pending	Order Pending
32	Simalgam	Jalalpore	Sukhiben Babubhai	6/9	402	28.02.2023	27.07.2023
33	Simalgam	Jalalpore	Raghubhai Nathabhai	6/10	294	28.02.2023	27.07.2023
34	Simalgam	Jalalpore	Thakorbhai Chhaganbhai	6/11	291	Hearing Pending	Order Pending
35	Chhinam	Jalalpore	Hansaben Nanubhai Ahir	6/12	387	28.02.2023	27.07.2023
36	Mirjapore	Jalalpore	Shantilal Nanabhai	6/13	433	28.02.2023	27.07.2023
37	Mirjapore	Jalalpore	Sonaben Chhaganbhai	6/14	33	28.02.2023	27.07.2023
38	Mirjapore	Jalalpore	Ranchhodbhai Mithabhai	7/0	63	Hearing Pending	Order Pending
39	Mirjapore	Jalalpore	Atul Sureshchandra Talvani	7/1	72	Hearing Pending	Order Pending
40	Mirjapore	Jalalpore	Neha Hiteshbhai Patel	7/2	168	Hearing Pending	Order Pending
41	Mirjapore	Jalalpore	Colour Tex Industry Pvt.Ltd	7/3	176	Hearing Pending	Order Pending
42	Mirjapore	Jalalpore	Jamilal Thakordas jariwala	7/4	178	Hearing Pending	Order Pending
43	Mirjapore	Jalalpore	Dabubhai balubhai Ahir	7/5	221	Hearing Pending	Order Pending
44	Mirjapore	Jalalpore	Sukhabhai Morarbhai	7/6	190	Hearing Pending	Order Pending
45	Mirjapore	Jalalpore	Govanbhai ravjibhai	7/7	192	Hearing Pending	Order Pending
46	Tavdi	Jalalpore	Amrutbhai Chhotubhai Patel	8/0	413	Hearing Pending	Order Pending
47	Tavdi	Jalalpore	Amrutbhai Chhotubhai Patel	8/1	558,559	Hearing Pending	Order Pending
48	Tavdi	Jalalpore	Sumanbhai Chhaganbhai	8/2	686	Hearing Pending	Order Pending
49	Jalalpore	Navsari City	Ushaben Ranchhodbhai	8/3	179	28.02.2023	27.07.2023
50	Jalalpore	Navsari City	Shantubhai Bijalbhai	8/4	304	Hearing Pending	Order Pending
51	Bodali	Jalalpore	Gopalbhai Ratnabhai	8/5	360	28.02.2023	27.07.2023
52	Bodali	Jalalpore	Gram Seva Samiti Bodali	8/6	379	Hearing Pending	Order Pending
53	Bodali	Jalalpore	Bhanabhai Kanabhai	8/7	711	Hearing Pending	Order Pending
54	Bodali	Jalalpore	Maniben dayalbhai	8/8	658	Hearing Pending	Order Pending
55	Bodali	Jalalpore	Rameshbhai Ranchhodbhai	9/0	1009	Hearing Pending	Order Pending
56	Pethan	Jalalpore	Maniben Motibhai	9/1	362	28.02.2023	27.07.2023

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57	Pethan	Jalalpore	Rambhai Vallabhai	9/2	728	Hearing Pending	Order Pending
58	Pethan	Jalalpore	Chanabhai mangabhai	9A/0	798	Hearing Pending	Order Pending
59	Pethan	Jalalpore	Ashokbhai Mangubhai Patel	9B/0	831	Hearing Pending	Order Pending
60	Kothamdi	Jalalpore	Vallabhai somabhai	9B/1	836	Hearing Pending	Order Pending
61	kothamdi	Jalalpore	Chedabhai Ranchhodbhai	10/0	606	Hearing Pending	Order Pending
62	kothamdi	Jalalpore	Ashokbhain ramanbhai patel	10/1	574	27.02.2023	27.07.2023
63	Aethan	Jalalpore	Bhaniben Kanjibhai Ravjibhai	10/2	297	Hearing Pending	Order Pending
	Aethan	Jalalpore	Prabhubhai Ramjibhai.		298	Hearing Pending	Order Pending
64	Aethan	Jalalpore	Narsinhbhai Rambhai and etc	10/3	284	Hearing Pending	Order Pending
65	Aethan	Jalalpore	Dineshbhai Rameshbhai Patel	11/0	235	Hearing Pending	Order Pending
66	Aat	Jalalpore	Rakesh Gunvantbhai Desai	11/1	2029	Hearing Pending	Order Pending
67	Aat	Jalalpore	Jayntibhai Gotalbhai Patel	11/2	577	Hearing Pending	Order Pending
68	Aat	Jalalpore	Sanjaykumar mohanbhai	11/3	612	Hearing Pending	Order Pending
69	Aat	Jalalpore	Bhalabhai rambhai	11/4	750	Hearing Pending	Order Pending
70	Aat	Jalalpore	Kishiben Bhulabhai Ahir	11/5	723	Hearing Pending	Order Pending
71	Kalthan	Jalalpore	Kantibhai Ranchhodji Patel	11/6	63	27.02.2023	27.07.2023
72	Kalthan	Jalalpore	Dhirubhai Chhaniyabhai Patel	11/7	71	27.02.2023	27.07.2023
73	Kalthan	Jalalpore	Manubhai Gulabhai	12/0	14	Hearing Pending	Order Pending
74	Abrama	Jalalpore	Bharat Kumar Chimanlal	12/1	323	27.02.2023	27.07.2023
75	Abrama	Jalalpore	Govt. Land	12/2	296		
76	Abrama	Jalalpore	Govt. Land	12/3			
77	Abrama	Jalalpore	Govt. Land	12/4			
78	Abrama	Jalalpore	Nandrabhai Chibubhai	12A/0	3006	Hearing Pending	Order Pending
79	Abrama	Jalalpore	Smt. Bhanuben Rameshbhai Patel	12A/1	2621	27.02.2023	27.07.2023
80	Abrama	Jalalpore	Dattalp Vinodrai Dalal	12A/2	2262	Hearing Pending	Order Pending
81	Abrama	Jalalpore	Manubhai Bapubhai	12A/3	1784	Hearing Pending	Order Pending
82	Abrama	Jalalpore	Bhanubhai Ranchhodbhai Rathod	12A/4	1781	Hearing Pending	Order Pending
83	Kharsad	Jalalpore	Ramanbhai Bhikhabhai Patel	12A/5	901	27.02.2023	27.07.2023
84	Kharsad	Jalalpore	Chirag Mahendrabhai Patel	12A/6	727	Hearing Pending	Order Pending
85	Kharsad	Jalalpore	Parvilben Amratlal Patel	12A/7	453	Hearing Pending	Order Pending
86	Kharsad	Jalalpore	Yashvantbhai Balubhai	13/0	365	Hearing Pending	Order Pending
87	Panar	Jalalpore	Rekhaben Natubhai Patel and etc.	13/1	430	Hearing Pending	Order Pending
88	Panar	Jalalpore	Hirenbhai Balwantbhai Patel and etc	13/2	114	Hearing Pending	Order Pending
89	Panar	Jalalpore	Ashokkumar Chhaganlal Patel and etc	13/3	129,124	Hearing Pending	Order Pending

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

400 KV M/C New Navsari - Magarwada Transmission Line

Sl. No.	Name of Village	Nos of Tower	Section 16 order issues	Section 16 order Pending	Foundation Completed
1	Dipla	3	0	3	0
2	Nimlai	5	0	5	0
3	Mangrol	10	0	10	0
4	Parujan	11	2	9	0
5	Simaljam	5	2	3	0
6	Chhinam	1	1	0	0
7	Mirjapore	10	2	8	0
8	Tavdi	3	0	3	0
9	Jalalpore	2	1	1	0
10	Bodali	5	1	4	0
11	Pethan	4	1	3	0
12	Kothamadi	3	1	2	0
13	Aethan	3	0	3	0
14	Aat	5	0	3	2
15	Kalthan	3	2	1	0
16	Abrama	9	2	5	2
17	Kharsad	4	1	3	0
18	Panar	3	0	3	0
Total		89	16	69	4

POWER GRID CORPORATION OF INDIA LTD.
पावरग्रिड POWERGRID

Annx-37

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WRTS-II/POWERGRID Navsari/TLC/

Date: 13.09.2023

To,
The District Collector,
Navsari

Subject: Construction of 400KV M/C New Navsari – Magarwada transmission line and 765kV D/C New Navsari – Padhge transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B – Regarding land compensation working under Navsari District.

Dear Sir,

Power Grid Corporation of India Ltd. (A Govt of India Enterprises) under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country. Ministry of Power, Govt of India has directed POWERGRID to carry out the construction of 400KV M/C New Navsari – Magarwada transmission line and 765kV D/C New Navsari – Padhge transmission line as per their letter ref no. 1/2021&2022 dated 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003.

During review meeting on 11.09.2023 at Gandhinagar chaired by Hon'ble Chief Secretary, Govt. of Gujarat, it was advised to work out location wise estimated land compensation cost of Tower base area for the subject transmission lines in line with recently issued Gujarat Govt. GO ref. no. EPCD/0347/08/2023 dt. 25.08.2023 for assessment by district administration.

Accordingly, POWERGRID worked out land compensation for tower base area based on tower design, jantri rate and updated jantri rate for Navsari district locations and the same is enclosed at Annexure-A for assessment and order by district administration.

Thanking you,

Yours sincerely,

(D K Gupta) 13/09/23
Sr. GM, Navsari

Received
14/9/23

WR II New Navsari TLC Office House No.5 Crystal Bunglows,Tighara Road Near Shiv Parvati Society Navsari Gujarat 396445
क्षेत्रीय मुख्यालय : प्लॉट नं.-54, रिया-रेवती रिज़ॉर्ट के पास, समा-सावली रोड, वडोदरा – 390 008(गुजरात)
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax: 0265-2487544 email:newnavsari@powergrid.co.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016

Annx-38

पावरग्रिड पावर ग्रिड कार्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

Ref: WR-2 /New Navsari /TLC/ROW/457

Date: 15/09/2023

To,

The Collector & District Magistrate,
Taluka – Valsad,
District- Valsad.

Sub: Regarding ROW issue in respect of construction of 765KV D/C Navsari (New)- Padghe Transmission Line (Gujarat Portion) and 400KV M/C New Navsari – Magarwada Transmission Line associated with Transmission network expansion in Gujarat to increase its ATC from ISTS- part B.

Dear Madam,

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

As you are aware that POWERGRID is encountering severe RoW issue in Valsad district and construction progress is badly affected. 182 applications were submitted under Section 16(1) of the Indian Telegraphic Act, 1885 in Valsad district. However, only 24 orders have been issued till date. Subsequent to the issuance of orders, POWERGRID approached the land owners / farmers along with copy of order for start of work. We would like to inform that we are unable to start the work on these locations due to the resistance by farmers.

15/9/23

રજીસ્ટ્રાર્ડ કાર્યવાહી કરવા રજૂ કરેલી

Location wise details as below:

765KV D/C New Navsari – Padghe Transmission Line

Sr No	Name of Village	Farmer Name	Tower Location Number	Section-16 Case No	Taluka and District	Status:
1	Tighra	Ranchhodji Morarjibhai & Dhanuben Gandha	41/4	15	Valsad	Work could not be started due to resistance by farmers
2	Tighra	Hitendra Ranchhod ji Patel	41/5	13	Valsad	
3	Tighra	Ashwin Bhikhubhai Limbachiya	41/6	8	Valsad	
4	Dhanori	Darshan shah & other	42/1	9	Valsad	
5	Dhanori	Ishwarbhai Lakshanbhai	42/2	7	Valsad	
6	Dhanori	Maganbhai Bhanabhai & Bhikhu Ranchhod	44/1	3	Valsad	
7	Segva	Amit Bhai Chaganbhai & Divyesh Vinod	51/1	6	Valsad	
8	Kalwada	Naranbhai Rattanji & Divyesh Vinod	51/2	5	Valsad	
9	Pilha	Harishbhai Durlabbha	51/3	4	Valsad	

स्थानीय कार्यालय : हरि लिविंग्स्टन रेसिडेंसी, गाँव – जुजवा पारनी, वलसाड – धरमपुर रोड, जिला – वलसाड– 396 055
Site Office : Hari Livingston Residency, Village - Jujwa Parni, Valsad – Dharampur Road, Dist. Valsad – 396 055
GST No. 24AACP0252G1ZZ
केन्द्रीय कार्यालय : सौदामिनी, प्लॉट नं. 2, सेक्टर-29, गुरुग्राम-122001 (हरियाणा), दूरभाष : 0124-2571700-719
Corporate Office : "Saudamini", Plot No.2, Sector-29, Gurugram-122001, (Haryana) Tel. : 0124-2571700-719
पंजीकृत कार्यालय : बी-9, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110016 दूरभाष : 011-26560112, 26560121, 26564812, 26564892, CIN : L40101DL1989GOI038121
Registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016 : 011-26560112, 26560121, 26564812, 26564892, CIN : L40101DL1989GOI038121
Website : www.powergridindia.com

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236

10	Pitha	Kanubhai Mangubhai Nayka	51/5	12	Valsad	
11	Kalwada	Maheshbhai Mohanbhai masuriya	52/0	22	Valsad	
12	Kalwada	Govindji kuvarji	52/1	14	Valsad	
13	Kalwada	Prakshbhai Narottambhai & Kikiben Bhikubhai	52/2	20	Valsad	
14	Kalwada	Hemantkumar Thakorlal	52/3	19	Valsad	Work could not be started due to resistance by farmer
15	Kalwada	Amishkumar Sureshchandra	53/0	18	Valsad	
16	Kanjan Ranchod	Narendrabhai Ramanlal	55/2	23	Valsad	
17	Kanjan Ranchhod	Kanubhai Chhibubhai Thakur	55/3	21	Valsad	
18	Atgam	Govt. / Gram Panchayat Land	48A/0	484	Valsad	Govt. / Gram Panchayat Land
19	Atgam	Govt. / Gram Panchayat Land	48A/1	1941	Valsad	
20	Segva	Govt. / Gram Panchayat Land	49/1	407	Valsad	
21	Kalwada	Govt. / Gram Panchayat Land	52/0	200	Valsad	
22	Ronvel	Govt. / Gram Panchayat Land	56/3	1130	Valsad	

400KV M/C New Navsari – Magarwada Transmission Line

Sr No	Name of Village	Farmer Name	Tower Location Number	Section-16 Case No	Taluka and District	Status
1	Olgam	Dineshbhai Amritbhai, Bhikhubhai Amritbhai	22/0	28	Valsad	Work could not be started due to resistance by farmer
2	Olgam	Jayeshbhai Dhirubhai	22/1	26	Valsad	
3	Rola	Ashok Bhagu and Arun Chhibu	22/2	11	Valsad	
4	Sonwada	Ramesh Ravji, Babubhai Chotubhai	27/4	10	Valsad	
5	Anjlav	Arjunbhai Manibhai, Ishwarbhai Bhulabhai	40/0	24	Valsad	
7	Jeshpur	Vijuben Arvindbhai, Mihulbhai, Nitin bhai	21/0	686	Valsad	Under hearing of Section-16(1)
8	Rola	Babubhai Premabhai Patel (4109), Bipinbhai Bhanabhai Patel	23/0	262, 263	Valsad	
9	Rola	Sanjay Bhai Ranchhod Bhai Patel	24/0	620, 621,623	Valsad	
10	Anjlav	Mansukhbhai Karshanbhai Sheta (6034)	40/1	941	Valsad	
12	Binwada	Arvindbhai Dahyabhai Patel	41/2	705	Valsad	

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

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13	Binwada	Kanubhai Gopaljibhai	42/0	852	Valsad	No S tub
14	Dungri	Nanubhai Chhaganbhai, Meenaben is Nanubhai's Wife (8142), Niradkumar Nanubhai (8142), Manojkumar Nanubhai , Parimal Nanubhai, Sarikaben Nanubhai Gulabbhai Naranbhai, Natubhai Naranbhai, Mohanbhai Naranbhai	51/0	2116, 2107, 2108	Pardi	
15	Dungri	Budhiabhai Govanbhai, Amraibhai Lalubhai Patel	52/0	1926 1993	Pardi	
16	Sarodhi	Manubhai Khandubhai, Deepak Kumar Maganbhai, Girishbhai Maganbhai	58/0	184	Pardi	
17	Sarodhi	Narmadaben Ambalal Patel	61/0	1030	Pardi	

In view of that, it is requested to you kindly depute a duty magistrate for the implementation of the order issued under Section 16(1). Further, we also would like to request to kindly issue the balance orders of Section 16(1) for completion of the project of aforesaid transmission lines.

Thanking You,

Yours sincerely,

(S.K.Pandey)
General Maneger, Vapi, Substation

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Annx- 39

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WRTS-II/POWERGRID Navsari/TLC/

Date: 27/09/2023

To,
The District Collector,
District-Navsari

Subject: Construction of 400KV M/C New Navsari-Magarwada transmission line and 765KV D/C New Navsari-Padghe transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS-**Regarding submission of land compensation working along with land owner details under Navsari district.**

Dear Sir,

This has reference to our earlier letter ref WRTS-II/POWERGRID/Navsari/TLC dtd 13.09.2023 regarding submission of land compensation working for the construction of 400KV M/C New Navsari-Magarwada transmission line and 765KV D/C New Navsari-Padghe transmission line as directed during review meeting dtd 11.09.2023 at Gandhinagar chaired by Hon'ble Chief Secretary, Govt. of Gujarat.

The location wise estimated land compensation cost of Tower base area **along with land owner details** for the subject transmission lines in line with recently issued Gujarat Govt. GO ref. no. EPCD/0347/08/2023 dt. 25.08.2023.The locations wise details is enclosed at Annexure-A.

Thanking you,

Yours sincerely,

27/9/23

(D K Gupta)
Sr. GM, Navsari

डी. के गुप्ता / D. K. GUP
वरिष्ठ महा प्रबंधक / Sr. General Ma
पावर ग्रिड / Power Gri
न्यू नवसारी / New Navsa

27/9/23

WR II New Navsari TLC Office House No.5 Crystal Bunglows,Tighara Road Near Shiv Parvati Society Navsari Gujarat 396445
क्षेत्रीय मुख्यालय : प्लॉट नं.-54, रिया-रेवती रिज़ॉर्ट के पास, सामा-सावली रोड, वडोदरा – 390 008(गुजरात) -
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008 (Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax 0265-2487544 email:newnavsari@powergrid.co.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016

Annx-40

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WRTS-II/POWERGRID Navsari/Review Petition/ [illegible].

Date: 30/09/2023

To,
The District Collector,
District-Navsari.

Subject: Construction of 400 kv M/C New Navsari-Magarwada transmission line, 400 kv D/C Magarwada-Kala transmission line and 765 kv D/C New Navsari-Padghe transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS- Regarding Review Petition for Section 16 order of 765 kv D/C New Navsari-Padghe transmission line in Navsari district.

Dear Sir,

Power Grid Corporation of India Ltd. (Government of India Enterprise) under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

Power Grid Corporation of India Limited (POWERGRID), a Government of India Enterprise, has filed an application under Section 164(1) read with Section 10 of the Indian Telegraph Act, 1885 and Section 164 of the Electricity Act, 2003, seeking permission to exercise the powers under the Act during construction of 765 KV D/C Navsari (New) – Padghe Transmission Line passing through the District Navsari and the subject petition had been taken on file and notices were also issued to the opponents and after completing the due process of law, 130 order has been passed therein by the Hon'ble SDM Navsari permitting POWERGRID to continue with the construction activities.

It is submitted that the farmer / land owner in one of such cases has challenged the order passed by the SDM/Valsad vide SCA No.16337/2023 before the Hon'ble High Court of Gujarat on the ground that the District Magistrate is not vested with the powers to delegate the powers vested u/s 16(1) of the Indian Telegraph Act, 1885 to the Deputy Collector and Sub-Divisional Magistrate and accordingly, the Hon'ble High Court of Gujarat has ordered status-quo in such cases.

That the provisions under Sec 16(1) of Indian Telegraph Act, 1885 are also reproduced herein below for ready reference;

Sec 16. Exercise of powers conferred by section 10, and disputes as to compensation, in case of property other than that of a local authority: –

(1) If the exercise of the powers mentioned in section 10 in respect of property referred to in clause (d) of that section is resisted or obstructed, the District Magistrate may, in his discretion, order that the telegraph authority shall be permitted to exercise them.

That in view of the above grounds and also due to the urgency of the line to be constructed in a time bound manner, the review petitioner humbly submits that the orders passed by the Hon'ble SDM Navsari may kindly be re-called and an order under 16(1) may kindly be pronounced in accordance with the provisions of law.

Thanking You.

Received
[illegible]
[illegible]
[illegible]

WR II New Navsari TLC Office House No.5 Crystal Bungalows Tighara Road Near Shiv Parvati Society Navsari Gujarat 396445
क्षेत्रीय मुख्यालय : प्लॉट नं.-64, रिजनेवती रिसोर्ट के पास, सामा-सावली रोड, वडोदरा – 390 009(गुजरात)
Regional Head Office : Plot no.-64, Adjacent to Riju-Revati Resort Sama-Savli Road, Vadodara – 390 009(Gujarat)
दूरभाष/Phone: (0) 0265-2487541, फैक्स/Fax 0265-2487544 email:newnavsari@powergrid.co.in
संपर्क सूत्र कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली– 110 016

POWER GRID CORPORATION OF INDIA LTD.

Attachments:-

1)Master data sheet of 70 section 16 order received cases from WR-II/ New Navsari/765kV /GI to WR-II/ New Navsari/765kV /130
2) Copy of Writ Petition filed by one of the farmers as SCA NO.16337/2023
3) Interim Order of the Hon'ble HC of Gujarat dated 26.09.2023
4)Review Petition application with section 16 order attachment.

Yours sincerely

Dilip Kasture
DGM Vapi(New Navsari)
दिलीप कस्तूरे / Dilip Kasture
उप महाप्रबंधक / Dy. Gen. Manager
क्षे. कें. / Regional No. 6260173
पावरग्रिड वापी / POWERGRID VAPI

WR II New Navsari TLC Office House No.5 Crystal Bungalows Tighara Road Near Shiv Parvati Society Navsari Gujarat 396445
क्षेत्रीय मुख्यालय : प्लॉट नं.-64, रिया-रेवती रिसॉर्ट के पास, समा-सावली रोड, वडोदरा – 390 009(गुजरात) -
Regional Head Office : Plot no.-64, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 009(Gujarat)
दूरभाष/Phone: (0) 0265-2487541, फैक्स/Fax: 0265-2487546 email:nnavsari@powergrid.co.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

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पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WRTS-II/POWERGRID Navsari/TLC/

Date: 04/10/2023

To,
The District Collector,
District-Navsari.

Subject: Construction of 400 kv M/C New Navsari-Magarwada transmission line and 765 kv D/C New Navsari-Padghe transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS- Regarding submission of land compensation under Navsari district.

Dear Sir,

Power Grid Corporation of India Ltd. (Government of India Enterprise) under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

Ministry of Power, Govt. of India has directed POWERGRID to carry out the construction of 400 kv M/C New Navsari-Magarwada transmission line and 765 kv D/C New Navsari-Padghe transmission line as per their letter ref no. 1/2021 8/2022, dated 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003

The location wise estimated land compensation cost of Tower base area along with land owner details for the subject transmission lines in Navsari district in line with recently issued Gujarat Govt. GO ref. no. EPCD/0347/08/2023 dt.25.08.2023, the locations wise details is enclosed.

Thanking You.

Yours sincerely

D. K. Gupta
Sr. GM,
POWERGRID, Navsari

Encl:- Land compensation working sheet
765 kv D/c – New Navsari – Padghe – 03pg
400 kv M/C – New Navsari – Magarwada – 03pg

Received
4/10/23

WR II New Navsari TLC Office House No.5 Crystal Bunglows,Tichara Road Near Shiv Parvati Society Navsari Gujarat 396445
क्षेत्रीय मुख्यालय : प्लॉट नं.-54, रिया-रेवती रिज़ॉर्ट के पास, समा-सावली रोड, वडोदरा – 390 008(गुजरात) -
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax: 0265-2487541 email:newnavsari@powergrid.co.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016

POWER GRID CORPORATION OF INDIA LTD.

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WRTS-II/POWERGRID Navsari/TLC/

Date: 04/10/2023

To,
The District Collector,
District-Navsari.

Subject: Construction of 400 kv M/C New Navsari-Magarwada transmission line and 765 kv D/C New Navsari-Padghe transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS- Regarding submission of land compensation under Navsari district.

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Thanking You.

Yours sincerely

Encl:- Land compensation working sheet
765 kv D/c - New Navsari - Padghe - 03pg
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D. K. Gupta
Sr. GM,
POWERGRID, Navsari

Received
[illegible]

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क्षेत्रीय मुख्यालय : प्लॉट नं.-64, रिया-रेवती रिसॉर्ट के पास, समा-सावली रोड, वडोदरा – 390 008(गुजरात) -
Regional Head Office : Plot no.-64, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax: 0265-2487544 email:newsavari@powergrid.co.in

Annex-A

POWERGRID CORPORATION OF INDIA LIMITED

765 KV S/C NEW NAVSARI - MAGARWADA TRANSMISSION LINE (TW-01) & (TW-02)

Land Compensation Workings Sheet for Navsari District

Sl. No.	Loc.No/Span	Type of Tower	Area Between Four Legs of Tower	Name of the Landowner	Village	Taluka	District	New Survey Number	Old Survey Number	*Land Compensation for Tower Base area (Between Four Legs) as per Guj Govt GR EPC/2017/708/2021 dt. 25.08.2017*				
										As per Old survey number Jantri Rate/Sq.M 2011	Jantri Rate /Sq.M (10% compound interest annually) till 2023	Jantri Rate/Sq.M as on 2023 (2 times of 2011 rate)	Jantri Rate/Sq.M to be adopted for Tower Base as per Guj Govt GR dt. 25.08.2017 (Either "K" or "L" which ever is more	Total land Compensation for Tower Base @ 85% of "M" for gravel land & 80% Value for Govt land
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	AP-1	QD4+0	526.152	Contd	Dada	Jalalpore	Navsari	807	481/P1	418	1237.77	836.00	1237.77	33458.64
2	AP-1A	QB+0	418.723	Contd	Dada	Jalalpore	Navsari	426	468	81	239.91	162.00	239.91	8640.04
3	AP-2	QD4+4.5	858.161	Ishwarbhai Prabhubhai and etc	Merdi	Jalalpore	Navsari	389	358/p1	398	1180.33	796.00	1180.33	64041.68
4	AP-2A	QD4+0	354.381	Ambabhai Prabhubhai and etc	Merdi	Jalalpore	Navsari	389	251	398	1180.33	796.00	1180.33	26078.48
5	AP-2B	QD4+0	354.381	Ishwarbhai Prabhubhai and etc	Merdi	Jalalpore	Navsari	388	249	98	290.46	196.00	290.46	5811.76
6	38/1	QA+0	313.644	Dhanabhai Chhaganbhai Patel	Merdi	Jalalpore	Navsari	387	245	398	1223.99	398.00	1223.99	336318.37
7	38/2	QA+0	313.644	Kanubhai Manubhai Dhodiabhai and etc	Merdi	Jalalpore	Navsari	388	281	398	1223.99	398.00	1223.99	336318.37
8	38/3	QA+0	313.644	Jamnaben Chhaganbhai and etc	Merdi	Jalalpore	Navsari	388	19	398	1223.99	398.00	1223.99	336318.37
9	AP-3	QC+0	415.376	Laxmanbhai Gulabbhai and etc	Mangrol	Jalalpore	Navsari	837	130	131	716.36	482.00	716.36	262431.00
10	3/1	QA+0	354.397	Jayantibhai Ratanbhai and etc	Mangrol	Jalalpore	Navsari	843	134	131	716.36	482.00	716.36	228875.78
11	3/2	QA+0	354.397	Jayantibhai Ratanbhai and etc	Mangrol	Jalalpore	Navsari	99	74	131	716.36	482.00	716.36	228875.78
12	AP-4	QB+0	393.843	Ishwarbhai Mansukhbhai and etc	Mangrol	Jalalpore	Navsari	79	62	131	716.36	482.00	716.36	280474.32
13	4/1	QA+0	444.577	Ambalal Bhikhabhai and etc	Mangrol	Jalalpore	Navsari	82	30	248	716.36	482.00	716.36	280821.01
14	4/2	QA+0	313.644	Manubhai Nagjibhai Patel and etc (Kanubhai Nagjibhai & etc)	Mangrol	Jalalpore	Navsari	76/1	78/2/1	166.4	607.34	387.00	607.34	161900.84
15	4/3	QA+0	908.402	Ishwarbhai Bhagubhai Jamnabhai Patel and etc. (Jamnabhai Jamnabhai and	Mangrol	Jalalpore	Navsari	103.300	111.3/1	163	716.36	482.00	716.36	358129.48
16	AP-5	QB+0	529.302	Gambhirbhai Kalubhai	Mangrol	Jalalpore	Navsari	139	154	241	716.36	482.00	716.36	340284.85
17	5/1	QA+0	313.644	Chandubhai Chhaganbhai Patel	Mangrol	Jalalpore	Navsari	248	256	241	716.36	482.00	716.36	301643.01
18	5/2	QA+0	354.397	Dhanabhai Gambhirbhai Patel and etc	Mangrol	Jalalpore	Navsari	258	258	241	716.36	482.00	716.36	338875.78
19	5/3	QA+0	113.644	Ramanbhai Gambhirbhai Patel & etc	Parayan	Jalalpore	Navsari	303	81/p1	260	774.05	521.00	774.05	123356.24
20	5/4	QA+0	354.397	Nirmalbhai & etc	Parayan	Jalalpore	Navsari	303	123	260	774.05	521.00	774.05	234735.09
21	5/5	QA+0	354.397	Ramanbhai Chhaganbhai	Parayan	Jalalpore	Navsari	308	109	329	834.82	562.00	834.82	234735.09
22	6/1	QA+0	354.397	Ramanbhai Dahyabhai Desai	Parayan	Jalalpore	Navsari	311	162	141	913.28	562.00	913.28	273936.49
23	AP-6	QD4+5	913.766	Dahyabhai Lallubhai and Others	Parayan	Jalalpore	Navsari	573	354	216	913.28	562.00	913.28	321837.98
24	6/2	QA+0	444.577	Ramanbhai Dhirubhai Desai	Parayan	Jalalpore	Navsari	568	346	188	834.82	562.00	834.82	315471.26
25	6/3	QA+0	354.397	Ishwarbhai Dhirubhai Patel	Parayan	Jalalpore	Navsari	566	348	330	913.24	430.00	913.24	270053.32
26	6/4	QA+0	398.402	Dhirubhai Manubhai Desai	Parayan	Jalalpore	Navsari	522	1886	168	834.82	531.00	834.82	282765.32
27	6/5	QA+0	398.402	Manubhai Dahyabhai Desai and others	Parayan	Jalalpore	Navsari	97	98	168	834.82	531.00	834.82	282765.32
28	6/6	QA+0	398.402	Ramubhai Ranjibhai Tangalkar & etc	Parayan	Jalalpore	Navsari	99	97	168	834.82	531.00	834.82	282765.32
29	6/7	QA+0	444.577	Manubhai Dhirubhai and etc	Parayan	Jalalpore	Navsari	122	119	288	834.82	531.00	834.82	378431.24
30	6/8	QB+0	414.703	Gangaben Manubhai & etc	Sonalipara	Jalalpore	Navsari	129	121	288	429.69	273.00	429.69	119376.78
31	6/9	QA+0	393.644	Dhanabhai Manubhai Patel & etc	Sonalipara	Jalalpore	Navsari	188	158	288	429.38	288.00	429.38	113031.36
32	6/10	QD4+0	526.152	Sanjay Chandubhai Patel & etc	Sonalipara	Jalalpore	Navsari	814	337	288	429.38	288.00	429.38	196503.52
33	6/11	QD4+9	754.381	Jayantibhai Lallubhai	Sonalipara	Jalalpore	Navsari	808	326	288	429.38	288.00	429.38	281244.03
34	6/12	QA+0	444.577	Rajnikant Lallubhai & etc	Sonalipara	Jalalpore	Navsari	268	337	240	429.38	288.00	429.38	166837.36
35	6/13	QA+2.5	431.152	Dahyabhai Chhaganbhai	Sonalipara	Jalalpore	Navsari	252	318	240	429.38	288.00	429.38	157936.89
36	6/14	QA+0	398.402	Ramanbhai Manubhai & ors	Chikhara	Jalalpore	Navsari	307	288	133	716.36	482.00	716.36	247035.31
37	6/15	QA+0	398.402	Mansukh Hirak Bhai	Mahuva	Jalalpore	Navsari	413	303	100				0.00
38	6/16	QA+0	398.402	Ajaybhai Chhaganbhai & etc	Mahuva	Jalalpore	Navsari	73	71	80	231.03	155.00	231.03	66824.21
39	6/17	QD4+0	672.766	Ramanbhai Bhikhabhai	Mahuva	Jalalpore	Navsari	48	56	139	716.36	240.00	570.00	215685.72
40	6/18	QA+0	398.402	Bhikhabhai Ambalal and others	Mahuva	Jalalpore	Navsari	72	69/1	139	716.36	240.00	570.00	185386.34

POWERGRID CORPORATION OF INDIA LTD.

Page-1

Sl. No.	Loc.No/Span	Type of Tower	Area Between Four Legs of Tower	Name of the Landowner	Village	Taluka	District	New Survey Number	Old Survey Number	Land Compensation for Tower Base area (Between Four Legs) as per Guj Govt GU EPC/10/M/700/2023 dt. 25.08.2023				
										As per old survey number Jantri Rate/Sq.M 2011	Jantri Rate/Sq.M (10% compound interest annually) till 2023	Jantri Rate Sq.M as on 2023 (2 time of 2011 rate)	Jantri Rate/SqM to be adopted for Tower Base as per Guj Govt GO dt. 25.08.2023 (Either "K" or "L",whichever is more	Total land Compensation for Tower Base @ 85% of "M" for private land & 10% Value for Govt land
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
41	102	QA+0	213.644	[illegible]	Mangrol	Jodiya	Navsari	166	218/2B	140	439.38	280.00	439.38	107137.56
42	103	QA+0	213.644	Calcutta Industries Pvt Ltd	Mangrol	Jodiya	Navsari	135	218/3	140	439.38	280.00	439.38	107137.56
43	104	QA+5	260.488	Jantilal Trabadia [illegible]	Mangrol	Jodiya	Navsari	138	218/10	140	439.38	280.00	439.38	127188.87
44	105	QA+0	208.400	[illegible]	Mangrol	Jodiya	Navsari	223	173	80	221.87	160.00	251.87	85604.23
45	106	QA+4.5	230.266	[illegible]	Mangrol	Jodiya	Navsari	222	176	0.00				0.00
46	107	QA+4.5	230.266	[illegible]	Mangrol	Jodiya	Navsari	223	178	0.00				0.00
47	108	QD45+4.5	635.191	[illegible] Road	Tarsh	Jodiya	Navsari	413	1087	70	109.84	70.00	109.84	53162.88
48	109	QA+0	213.644	Amrutbhai Chhotubhai Patel	Tarsh	Jodiya	Navsari	386/389	2398/1/2	47.5	149.08	95.00	149.08	72213.18
49	110	QA+0	214.757	Sureshbhai Chhaganbhai	Tarsh	Jodiya	Navsari	386	618	70	219.46	140.00	219.46	85317.53
50	111	QB+6	529.322	Rameshbhai Chhotubhai	Jalalpore	Navsari City	Navsari	181	1127/1/p+1	0.00				0.00
51	112	QD45+6	673.766	[illegible]	Jalalpore	Navsari City	Navsari	175	1089/2	0.00				0.00
52	113A	QC+0	413.966	Jayantibhai Kanjibhai & ors. Jitaguibhai Jagjibhai & ors.	Jalalpore	Navsari City	Navsari	208,207	1071/1,1072/3	0.00				0.00
53	114	QA+0	444.377	[illegible]	Bodali	Jalalpore	Navsari	308	916	70	247.34	140.00	247.34	89092.91
54	115	QD45	708.400	Gram Seva Samiti Bodali	Bodali	Jalalpore	Navsari	439	745	70	247.34	140.00	247.34	89061.48
55	116	QA+5	444.400	Ilaben Ishwarbhai Patel	Bodali	Jalalpore	Navsari	718	1005	70	247.34	140.00	247.34	89061.48
56	117	QA+5	388.400	Manilaben Jagdishbhai	Bodali	Jalalpore	Navsari	658	1253	70	247.34	140.00	247.34	89061.48
57	118-0	QD45+6	632.766	Rameshbhai Ramchandbhai	Bodali	Jalalpore	Navsari	1009	1206	641	2011.72	1282.00	2011.72	1852121.47
58	119	QA+0	444.377	Bhanuben Amrutbhai	Pokran	Jalalpore	Navsari	262	313	155	704.82	500.00	704.82	260855.21
59	120	QD+0	349.288	Kanubhai Vallabhbhai	Pokran	Jalalpore	Navsari	91a	480	160	438.94	640.00	948.94	278155.68
60	69-09	QD60+3	794.381	Chandubhai Gangabhai	Pokran	Jalalpore	Navsari	798	240	320	438.94	640.00	948.94	697167.84
61	AP-98	QD60+3	597.698	[illegible]	Pokran	Jalalpore	Navsari	891	253	565	1773.31	1130.00	1773.31	980883.19
62	121	QA+3	354.733	Vasubhai Amrutbhai	Kankrawada	Jalalpore	Navsari	636	894	220	923.94	440.00	923.94	274179.82
63	AP-18	QC+4.5	397.744	Dhanjibhai Ramjibhai	Kankrawada	Jalalpore	Navsari	668	996	520	1618.58	1040.00	1618.58	680282.64
64	69N	QA+0	398.400	Jethabhai Ramanbhai Patel	Kankrawada	Jalalpore	Navsari	934	1069	370	1768.58	1848.00	1768.58	680282.58
65	122	QA+6	398.400	[illegible]	Ambach	Jalalpore	Navsari	287,288	275,286	0.00				0.00
66	123	QA+6	398.400	Hasmukhbhai Kanubhai & ors.	Ambach	Jalalpore	Navsari	284	293	0.00				0.00
67	AP-31	QD45+4.5	635.191	Dinesh Mohan Ramjibhai patel & ors.	Ambach	Jalalpore	Navsari	208	243	0.00				0.00
68	124	QA+6	398.400	Rakesh Chandrakant Bhatt	Asi	Jalalpore	Navsari	2000	561	80	188.31	120.00	188.31	61768.18
69	125	QA+6	398.400	Jayantibhai Gandabhai patel & ors	Asi	Jalalpore	Navsari	570	618	80	188.31	120.00	188.31	61768.18
70	126	QA+0	444.377	Sanjaykumar Mahendrabhai patel & ors	Asi	Jalalpore	Navsari	643	634	80	188.31	120.00	188.31	71,056.93
71	127	QB+0	501.103	Bhikhabhai Ramabhai	Asi	Jalalpore	Navsari	742	797	80	188.31	120.00	188.31	94323.90
72	128	QB+0	501.103	Gandabhai Bhikhabhai	Asi	Jalalpore	Navsari	721	766	80	188.31	120.00	188.31	94323.90
73	129	QA+0	444.377	Ramubhai Ramabhai Patel	Kalitha	Jalalpore	Navsari	68	61	40	247.14	160.00	247.14	78734.81
74	130	QA+6	398.400	Dhanabhai Chhaganbhai Patel & ors	Kalitha	Jalalpore	Navsari	71	48	60	247.14	120.00	247.14	70144.98
75	AP-12	QC+6	527.312	Harubhai Gokulbhai	Kalitha	Jalalpore	Navsari	54	18	40	247.14	160.00	247.14	83193.32
76	131	QA+6	398.400	Bharat Hemant Chhotubhai & ors.	Abrama	Jalalpore	Navsari	821	2021	53	180.06	160.00	180.06	57352.59
77	132	QA+6	398.400	Govt land	Abrama	Jalalpore	Navsari	288,289	2030,2029	50	175.75	112.00	175.75	70061.97
78	133	QA+4.5	376.239	Govt land	Abrama	Jalalpore	Navsari	900	2009	20	208.52	133.00	208.52	39974.88
79	134	QA+6	398.400	Govt land	Abrama	Jalalpore	Navsari	1159	1894	66	175.75	112.00	175.75	70061.97
80	AP-32A	QB+6	529.322	Bipinbhai Bhikhabhai	Abrama	Jalalpore	Navsari	9886	1967	20	175.75	112.00	175.75	79974.99
81	134A	QA+6	398.482	Smt. Dhanuben Ramanbhai Patel	Abrama	Jalalpore	Navsari	2021	1800/1	56	175.75	112.00	175.75	59016.91
82	134C	QA+6	398.482	Dahiben wd/o Dr. Dalsa	Abrama	Jalalpore	Navsari	2183	1425	56	175.75	112.00	175.75	59016.91
83	134D	QA+6	398.482	Ramubhai Bhikhabhai	Abrama	Jalalpore	Navsari	2180	1080	56	175.75	112.00	175.75	59016.91
84	135A	QA+3	444.377	Bharatbhai Bhikhabhai Rathod	Abrama	Jalalpore	Navsari	2181	1080a	56	175.75	112.00	175.75	66815.20
85	136	QA+3	444.377	Kamubhai Bhikhabhai Patel	Khanvel	Jalalpore	Navsari	941	1209/p1	75	351.50	150.00	351.50	88048.05
86	137	QA+3	376.284	Chirag Vallabhbhai Patel	Khanvel	Jalalpore	Navsari	731	859	75	235.20	150.00	235.20	25374.95

POWER GRID CORPORATION OF INDIA LTD.

Page (7)

Sl. No.	Loc.No./Span	Type of Tower	Area Between Four Legs of Tower	Name of the Landowner	Village	Taluka	District	New Survey Number	Old Survey Number	Land Compensation for Tower Base area (Between Four Legs) as per Guj Govt GR dt 27/Oct/2023 in 25.08.2023				
										As per old survey number Jantri Rate/Sq.M 2011	Jantri Rate /Sq.M (10% compound increment annually) in 2023	Jantri Rate /Sq.M as on 2023 (2 time of 2011 rate)	Jantri Rate/Sqft to be adopted for Tower Base as per Guj Govt GR dt. 25.08.2023 (Either "B" or "L",which ever is more	Total land Compensation for Tower Base @ 85% of "B" for price Intd & 10% Value for Govt land
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
81	136/7	QA+6	298.462	Ravabhai Gamit and others	Khanal	Jalalpore	Navsari	850	317	95	284.08	133.00	284.08	65492.18
82	AP-13	QC+3	301.302	Vishnubhai Bakubhai	Khanal	Jalalpore	Navsari	865	322	75	224.38	105.00	224.38	51704.83
83	137	QA+3	306.513	Kanubhai Mangubhai Patel and others	Piyar	Jalalpore	Navsari	883	329	75	224.38	105.00	224.38	51704.76
84	138	QA+6	298.302	Bhanubhai Babubhai Patel and others	Piyar	Jalalpore	Navsari	139	326	83	248.46	116.00	248.46	57262.97
85	139	QA+4.5	326.334	Ambalal Kalyanji Patel and others	Piyar	Jalalpore	Navsari	139,334	139,334	83	248.46	116.00	248.46	57262.95
86	140	QA+6	298.438	Ramanbhai Bhagubhai Patel & ors	Eoha	Gandevi	Navsari	848	141	28	83.77	39.00	83.77	19296.65
87	141	QA+6	298.432	Rajubhai Bhimabhai Patel	Kotha	Gandevi	Navsari	877	81	28	83.77	39.00	83.77	19296.65
88	142	QA+6	298.432	Vijaybhai Bhimabhai Kanabi and others	Kotha	Gandevi	Navsari	88	898	28	83.77	39.00	83.77	19296.65
89	AP-14	QC+9	301.888	Vijaybhai Bhimabhai Kanabi and others	Kotha	Gandevi	Navsari	881	884/1	28	83.77	39.00	83.77	19296.65
90	143	QA+6	298.452	Govt land	Kotha	Gandevi	Navsari	900	910	28	83.77	39.00	83.77	19296.65
91	144	QA+6	313.644	Jayantibhai Ishwarbhai and others	Kotha	Gandevi	Navsari	890	918	28	83.77	39.00	83.77	19296.65
92	145	QA+6	313.644	Paragbhai Babubhai & others	Kotha	Gandevi	Navsari	898	Survey 1272	28	83.77	39.00	83.77	19296.65
93	146	QA+6	313.644	Kanubhai Gopalbhai Patel	Dhaman	Gandevi	Navsari	892,	1214,	75	78.45	36.00	78.45	27069.21
94	147	QA+2	430.512	Govt land	Dhaman	Gandevi	Navsari	No survey No	No survey No	0.00				0.00
95	148	QA+2	430.512	Govt land	Dhaman	Gandevi	Navsari	881	884	28	83.77	39.00	83.77	31275.82
96	149	QA+3	298.438	Dhirubhai Gulabbhai Patel & others	Dhaman	Gandevi	Navsari	888,889	888,889	75	78.45	36.00	78.45	24697.65
97	150	QA+3	298.438	Dahyabhai Bhikabhai Patel and others	Kalvachi	Gandevi	Navsari	1349	888	85	105.84	49.00	105.84	23764.39
98	151	QA+3	313.644	Prabhubhai Bhimabhai and others	Kalvachi	Gandevi	Navsari	1441,1442	1185,888	99	122.40	78.00	122.40	33851.18
99	152	QA+3	313.644	Kanubhai Manjibhai and others	Kalvachi	Gandevi	Navsari	451	472	58	119.26	76.00	119.26	31795.80
100	153	QA+3	313.644	Govt land	Kalvachi	Gandevi	Navsari	Survey No	No survey No	0.00				0.00
101	154	QA+3	313.644	Govt land	Vijalvel	Gandevi	Navsari	835	898	28	83.77	39.00	83.77	22332.62
102	AP-15	QC+3	313.705	Kishorbhai Ramanbhai Patel & ors	Vijalvel	Gandevi	Navsari	835	898	28	83.77	39.00	83.77	16723.24
103	155	QA+3	313.644	Mahendra Kalyanbhai	Vijalvel	Gandevi	Navsari	888	898	28	83.77	39.00	83.77	16753.24
104	156	QA+3	313.644	Prabhubhai Shankarbhai and two Foundation land holders etc	Vijalvel	Gandevi	Navsari	894,898	898,896	28	83.77	39.00	83.77	16753.24
105	157	QA+3	298.438	Govt Land	Vijalvel	Gandevi	Navsari	896	899	28	83.77	39.00	83.77	3262.37
106	AP-16	QC+3	982.822	Govt land	Waghech	Gandevi	Navsari	No survey No	No survey No	0.00				0.00
107	AP-17	QC+3	982.822	Parmanbhai Chunnibhai & ors	Gayatri Bhatha	Gandevi	Navsari	532	904	22	65.74	31.00	65.74	17767.11
108	158	QA+3	982.822	Ramanbhai Kalidas and others	Gayatri Bhatha	Gandevi	Navsari	953	9	22	65.74	31.00	65.74	17767.11
109	159	QA+3	982.822	Govt land	Gayatri Bhatha	Gandevi	Navsari	No survey No	No survey No	0.00				0.00
110	AP-18	QC+3	1007.656	Dahyabhai Chhaganbhai Patel	Gayatri Bhatha	Gandevi	Navsari	58	1658	20	59.82	28.00	59.82	38364.29
111	160	QB+3	884.81	Madhav Bhai Chotu Bhai Patel, Mahendra Bhai Patel, Balaji Gujarat Talkies, Nayak Bhai Dayal Bhai Patel, Jadhav	Gayatri Bhatha	Gandevi	Navsari	279	279	3780	84.34	54.00	84.34	13275.87
112	161	QB+3+6	298.98	Vinod Bhai, Gopi Bhai, Manubhai, Dhirubhai & Jiyar Bhai	Gayatri Bhatha	Gandevi	Navsari	2618, 2619, 2621, 2622	1618, 1619, 1621, 1622	47.00	84.34	54.00	84.34	14814.68
113	162	QA+6	298.27	Surubhai Bhikabhai Patel	Vaniyam	Gandevi	Navsari	165	1259	28.00	97.39	62.00	97.39	16159.83
114	163	QA+6	298.38	Jagdish Bandari, Jagrupbhai Bandari	Vaniyam	Gandevi	Navsari	1267	1	28.00	97.39	56.00	97.39	14819.04
115	164	QC+6	160.38	Dhirubhai, Bipin Bhai, Mangu Bhai, Vijay Bhai etc	Chigarvada	Gandevi	Navsari	884,887	887,888	83.00	103.37	84.00	103.37	14118.48
116	165	QA+6	185.38	Mansukh Bhai, Mahesh Bhai, Nagar Bhai, Dilip Bhai	Vaniyam	Gandevi	Navsari	1341	1348	83.00	97.39	62.00	97.39	13697.34
117	166	QA+6	313.63	Bipinbhai Bandari, Bhikabhai Bandari, Chandubhai & Kanubhai	Vaniyam	Gandevi	Navsari	1344	1343	28.00	103.37	66.00	103.37	13948.31
118	167	QA+6	313.63	Babubhai, Mahesh Bhai & Ramesh	Vaniyam	Gandevi	Navsari	1338	1331	28.00	103.37	66.00	103.37	13948.31
									SUB TOTAL					1943497.88

POWER GRID CORPORATION OF INDIA LTD.

Page-3

Construction of 765 KV D/C New Navsari - Padghe Double Circuit Transmission Line

Land Compensation (Tower Base) Working Sheet

District: Navsari

Sl No	Loc. No/Span	Type of Tower	Area between four legs of Tower	Name of the landowner	Village	Taluka	District	New Survey Number	Old Survey Number	Land Compensation for Tower Base area (Between Four Legs)				
										Jantri Rate/Sq.Mt as on 2011 for Old SP no.	Jantri Rate (Sq.Mt ; 10% compound interest annually till 2021	Jantri Rate/Sq.Mt as on 2021 (2 times of 2011 rate)	Jantri Rate/Sq.Mt to be adopted for Tower Base as per Guj Govt GO dt. 25.08.2021 (Either "K" or "L", which ever is more)	Total Land compensation for Tower Base @ 85% of "M" for private land & 100% Value for Govt land
A	B	C	D	E	F	G	H	I		J	K	L	M	N
1	1/0	DD68+0	754.00	[illegible]	Umbhel	Jalalpore	Navsari	358 & 367/1	368 & 371	540	1713.18	3082.00	1183.34	1086662.77
2	2/0	DD68+3	824.32	Gavit	Umbhel	Jalalpore	Navsari	367/2	376	455	1338.66	910.00	1123.33	859071.81
3	3/0	DC2+0	854.28	Jalaluddin Dahyabhai Desai & Others	Umbhel	Jalalpore	Navsari	324/1	505	486	1538.66	972.00	1236.66	945613.90
4	3/1	DA+0	598.74	Narsinghbhai Ambalal Gandhi	Mandvi	Jalalpore	Navsari	181	251	90	285.48	180.00	282.48	144370.39
5	3/2	DA+3	653.26	Narsinghbhai Ambalal Gandhi	Mandvi	Jalalpore	Navsari	181	251	90	285.48	180.00	282.46	157320.69
6	3/3	DA+0	598.74	Ramanbhai Motibhai Patel	Mandvi	Jalalpore	Navsari	242	241	95	300.15	190.00	298.15	149203.69
7	3/4	DA+0	598.74	Jaiben Chhotabhai Mistry and Bhanubhai Patel & Others	Mandvi	Jalalpore	Navsari	275 & 279	302 & 303	390	1233.84	780.00	1233.99	612517.49
8	4/0	DC2+0	694.23	Jayantibhai Mohanbhai Bakshibhai Dalpatbhai Patel & Others	Mandvi	Jalalpore	Navsari	278 & 279	328 & 329	390	1233.84	780.00	1225.99	689855.29
9	5/0	DA+0	589.83	Maganbhai Lalubhai Jagubhai Nayakbhai & Others	Mandvi	Jalalpore	Navsari	24 & 25	25 & 24	98	282.46	196.00	287.46	140848.71
10	6/0	DA+0	585.83	Parbatbhai Lalubhai Patel	Mangrol	Jalalpore	Navsari	139	146	316	1619.63	1632.00	1839.43	806785.94
11	6/0	DA+0	585.83	Gopalbhai Motibhai Alias & Others	Mangrol	Jalalpore	Navsari	88	881	316	1619.63	1632.00	1839.43	806785.94
12	7/0	DC2+0	519.58	Shri Corporation Chowdhary	Mangrol	Jalalpore	Navsari	93	92	491	1540.97	982.00	1540.97	756670.31
13	7/1	DA+0	518.74	Nagjibhai Narsinbhai & Others	Mangrol	Jalalpore	Navsari	69	58	491	1540.97	982.00	1540.97	771144.37
14	8/0	DC2+0	616.58	Bakubhai Nanjibhai & Others	Mangrol	Jalalpore	Navsari	138	191	135	426.83	272.00	426.83	298101.51
15	8A/0	DD1+0	917.68	Jamnabhai Bakshibhai	Mangrol	Jalalpore	Navsari	134	193	566	1778.55	1132.00	1776.55	1397284.83
16	8A/1	DA+0	598.74	Rajubhai nagjibhai patel & others	Mangrol	Jalalpore	Navsari	139	139	116	426.83	272.00	426.83	333956.93
17	8A/2	DA+0	288.74	Parmeshwar mahadev , Agnyeshwar mahadev khari pond & etc	Mangrol	Jalalpore	Mangrol	189 & 188	282, 283	-491	1540.97	982.00	1540.97	771844.37
18	8A/3	DB+0	902.53	Bhavsh kanya mahadev pond & etc	Mangrol	Jalalpore	Navsari	202	225	-491	1540.97	982.00	1540.97	1390373.64
19	9/0	DB1+0	359.48	mahadev kshetrapal Pond to the side of Chekhali & etc	Mangrol	Jalalpore	Navsari	218	248	-491	1540.97	982.00	1540.97	756299.15
			251.53	Bhavik Construction Pond	Kamalichhi	Jalalpore	Navsari	73	74	316	991.74	632.00	991.74	212033.08
20	7/1	DA+0	588.74	Chandubhai Patelbhai	Kamalichhi	Jalalpore	Navsari	81	72 & 74	316	991.74	632.00	991.74	496196.78
21	7/2	DA+2	588.74	Nanjibhai Jagubhai , Chandubhai Premabhai & etc	Kamalichhi	Jalalpore	Navsari	48	57	466	1462.31	932.00	1462.31	731803.40
22	7/3	DA+3	653.26	Hirabhai Mangal Patel & Ashokbhai Dahyabhai & etc	Kamalichhi	Jalalpore	Navsari	43 & 48	59 & 20	388	1217.13	780.00	1217.13	663471.56
23	8/0	DD4+0	334.48	Ramanbhai Motibhai, Motibhai Ramanbhai Patel Vasantibhai Patel & etc	Rajpipla	Jalalpore	Navsari	368 & 369 & 373	344, 345, 349	266	834.82	532.00	834.82	521127.99
24	9/1	DA+0	588.74	Chhaganbhai Gadhiya & etc	Pardan	Jalalpore	Navsari	388&390	359 & 360	166	834.82	532.00	834.82	417388.64
25	9/2	DA+0	588.74	Nilaben Shivabhai Patel	Pardan	Jalalpore	Navsari	348	352	166	834.82	532.00	834.82	417388.64
26	9/3	DA+0	588.74	Mahendra Vithalbhai & etc	Pardan	Jalalpore	Navsari	431	349	166	834.82	532.00	834.82	417388.64
27	9/4	DA+0	588.74	Zamal Abdulla Mansuriwal & etc	Pardan	Jalalpore	Navsari	137	183	166	834.82	532.00	834.82	417388.64
28	9/5	DA+0	588.74	Ismailbhai Nanabhai Alias Abdulrahim Ismail Shaikh & etc	Delhi	Jalalpore	Navsari	172&175	151 & 152	88	251.07	166.00	251.07	221844.16
29	9/6	DA+4	588.74	Bhanubhai Bhavabhai & etc	Delhi	Jalalpore	Navsari	87	88	88	251.07	166.00	251.07	221844.16
30	9/7	DA+3	653.26	Devidas Fakirbhai , Chandubhai Fakirbhai & etc	Delhi	Jalalpore	Navsari	2591	91	100	285.84	188.00	285.84	252600.19
31	9/8	DB1+0	408.71	Thakorsi Dhanabhai Alias	Sandipan	Jalalpore	Navsari	123	161	156	433.68	278.00	423.99	224722.15
32	9/9	DA+3	653.26	Kanubhai Lalubhai Sankalbhai Bhavabhai & etc	Sandipan	Jalalpore	Navsari	138 & 163	136 & 204	148	433.68	288.00	433.68	224722.15
33	9/10	DA+3	653.26	Shantilal Parbatbhai Patel & etc	Sandipan	Jalalpore	Navsari	134	219	148	433.68	288.00	502.13	276681.63
34	9/11	DA+3	653.26	Jagdishbhai Bhavabhai	Sandipan	Jalalpore	Navsari	139	362	148	433.68	288.00	433.68	224722.15
35	9/12	DA+0	588.74	Kalavatiben Shivabhai	Sandipan	Jalalpore	Navsari	132	387	148	433.68	288.00	433.68	219876.25
36	9/13	DB4+0	588.74	Hasmukhbhai Jethabhai Patel & etc	Chikhari	Jalalpore	Navsari	383	379	498	1433.86	940.00	1433.86	729162.53
37	9/14	DB4+0	588.74	Mahendra Chhotubhai Patel & etc	Chikhari	Jalalpore	Navsari	208 & 375	362 & 367	498	1433.86	940.00	1433.86	729162.53
38	9/15	DB4+0	588.99	Ajay Jaya Bhavabhai & etc	Bhimpore	Jalalpore	Navsari	27	12	21	84.34	54.00	84.34	37543.39
39	9/16	Others-2	449.69	Thakorbhai Bhagubhai & etc	Bhimpore	Jalalpore	Navsari	48	19	120	376.61	240.00	376.61	287970.61
40	9/17	DA+0	598.99	Dahyabhai Dahyabhai Alias Jivabhai Dahyabhai & etc	Bhimpore	Jalalpore	Navsari	47 & -8	50 & 48	120	376.61	240.00	376.61	235767.68
41	9/18	DB+0	406.71	Dharmeshkumar Lalubhai Patel, Kamal Ambalal & etc	Bhimpore	Jalalpore	Navsari	130 & 131	161 & 162	80	251.07	160.00	331.07	143149.61

POWER GRID CORPORATION OF INDIA LTD.

A.S. Agarwal

PAGE 00-4

Sl No.	Loc. No/Span	Type of Tower	Area between four legs of tower	Name of the land owner	Village	Taluka	District	New Survey Number	Old Survey Number	Land Compensation for Tower Base area (Between Four Legs)				
										Jantri Rate/Sq.M as on 2013 for Old SP no.	Jantri Rate (Sq.M , 10% compound interest annually till 2023	Jantri Rate /Sq.M as on 2023 (2 times of 2013 rate)	Jantri Rate/SqM to be adopted for Tower Base as per Guj Govt GR dt. 15.08.2023 (Either "E" or "L", which ever is more)	Total Land compensation for Tower Base @ 15% of "M" for private land & 10% Value for Govt land
A	B	C	D	E	F	G	H	I		J	K	L	M	N
47	0/3	DA+0	564.74	Jadeja Bhupendrasinh Pratapsinh & ors.	Khajoor	Jalalpore	Navsari	178/3	177	115	260.87	230.00	260.87	190944.29
48	0/4	DA+0	564.74	Jamubhai Thakordas Jamana & ors.	Khajoor	Jalalpore	Navsari	178/2 & 178/1	177 & 178	115	260.87	230.00	260.87	190944.29
49	0/5	DA+0	603.26	Nandubhai Dahyabhai & ors.	Khajoor	Jalalpore	Navsari	165	163	120	272.01	240.00	272.01	209703.02
50	0/6	DA+0	588.74	Navinbhai Dahyabhai Patel & ors.	Khajoor	Jalalpore	Navsari	226	190	80	259.87	160.00	259.87	125644.70
51	0/7	DA+0	588.74	Jivanbhai Ranchhod & ors.	Tavdi	Jalalpore	Navsari	296	340	60	180.31	120.00	180.31	104060.56
52	0/1	DC1+0	650.25	Rajeshbhai Chandubhai Harijan Parbatbhai Patel & ors.	Tavdi	Jalalpore	Navsari	382 & 383	483 & 485	35	109.84	70.00	109.84	61084.45
53	0/1	DA+0	588.74	Ambalal Chandubhai Patel ,Maheshbhai Dhirubhai Patel &	Tavdi	Jalalpore	Navsari	108 & 1203	410 & 529	60	188.34	120.00	188.34	104727.57
54	0/0	DB1+0	656.91	Jayeshbhai Chandubhai Patel & ors.	Tavdi	Jalalpore	Navsari	1307	369	35	109.84	70.00	109.84	61315.41
55	0/0	DB1+0	656.91	Bipinchandra Chandubhai Patel,Parimal Ramubhai Patel,Dipak Lalubhai Mangubhai,Kamlesh Dhirubhai Patel & ors.	Jalalpore	Jalalpore	Navsari	1230/2, 1230/3, 1230/3, 1231	230, 218, 171 & 168	185	411.99	370.00	411.99	361684.44
56	0/1	DA+0	603.26	Chandubhai Dhirubhai Patel & ors.	Jalalpore	Jalalpore	Navsari	1005/6	297	110	359.87	220.00	359.87	297478.36
57	0/2	DA+0	588.74	Mahendrabhai Dahyabhai Patel ,Dhirubhai Dahyabhai & ors.	Jalalpore	Jalalpore	Navsari	1004/	300 & 306	110	179.73	220.00	220.00	181842.93
58	0/0	DC1+0	624.23	Jalambhai Dahyabhai Patel ,Mansukh Vallabhbhai & ors.	Bedsh	Jalalpore	Navsari	1039 & 1040/1003	139, 188 & 239	70	343.54	140.00	343.54	233976.81
59	0/1	DA+0	588.74	Pankaj Navinbhai Patel,Ramanbhai Dayabhai & ors.	Bedsh	Jalalpore	Navsari	1038/1102	237 & 238	70	343.54	140.00	343.54	233976.81
60	0/0	DA+0	588.74	Chandubhai Vallabhbhai Patel & ors.	Bedsh	Jalalpore	Navsari	1136	236	70	343.54	140.00	343.54	234676.81
61	0/0	DA+0	588.74	Dahyabhai Jamubhai & ors.	Bedsh	Jalalpore	Navsari	1122	253	70	343.54	140.00	343.54	234676.81
62	0/1	DA+0	588.74	Lukhiben Shantibhai Gopalbhai Patel, Chandubhai Ramubhai Patel & ors.	Pethai	Jalalpore	Navsari	125/6,126/1,126	132, 133 & 134	300	950.94	600.00	950.94	675870.30
63	0/1	DB1+0	624.23	Dhanubhai Jethabhai Patel	Jalalpore	Jalalpore	Navsari	1002	872	305	950.94	610.00	950.94	666199.32
64	0/0	DB1+0	153.35 629.97	Govt.	Jalalpore	Jalalpore	Navsari	1029/1,1031/2	927, 928	350	1726.14	1100.00	1726.14	233398.86
65	0/0	DB1+0	153.35 629.97	Govt.	Bedsh	Jalalpore	Navsari	1002	966	350	1726.14	1100.00	1726.14	1087415.00
66	0/0	DB1+0	588.74	Govt.	Eras	Jalalpore	Navsari	1035/2,1035/3	380, 381 & 391	350	1726.14	1100.00	1726.14	1087415.00
67	0/1	DA+0	588.74	PUNCH AVAILABLE	Eras	Jalalpore	Navsari	32	379	350	1726.14	1100.00	1726.14	1087415.00
68	0/2	DA+0	588.74	Kanubhai Nanjibhai Patel & ors.	Asthan	Jalalpore	Navsari	59	19	105	1814.14	210.00	1814.14	1143112.37
69	0/2	DA+0	588.74	Parbatbhai Jamubhai Alias Kanubhai Dhanabhai Patel,Amrutbhai Dhanabhai Desai & ors.	Asthan	Jalalpore	Navsari	1008/1/1	99, 98 & 100	330.3333333	1040.42	660.67	1040.42	655262.39
70	0/2	DA+0	588.74	Smt Ashaben Mahendrabhai Patel	Asthan	Jalalpore	Navsari	1005	168	200	629.96	400.00	629.96	396876.45
71	0/1	DC1+0	624.23	Bhikubhai Dhanjibhai Shankhat Khalpabhai & ors.	Bhimpad	Jalalpore	Navsari	1258/1258	430 & 431	535	1615.35	1070.00	1615.35	1017871.43
72	0/0	DC1+0	624.23	Ashok Mahijibhai Mistry	Bhimpad	Jalalpore	Navsari	1252	292	440	1329.98	880.00	1329.98	837888.29
73	0/0	DB1+0	624.23	Bhikubhai Kanjibhai Alias Bhikhabhai Bhagvanji Jadav,Bhaveshbhai Babubhai Alias & ors.	Bhimpad	Jalalpore	Navsari	1254/1,1256/1,1	312, 313 & 316	340	1027.28	680.00	1027.28	647362.11
74	0/0	DB1+0	624.23	Pangabhai Kanjibhai Alias Pitambh Kanji Dabasiya,Pra	Bhimpad	Jalalpore	Navsari	918/2/2	233 & 270	198	598.29	396.00	598.29	376946.41
75	0/0	DA+0	588.74	Navinbhai Devabhai	Bhimpad	Jalalpore	Navsari	918/2/2	261 & 262	198	598.29	396.00	598.29	376946.41
76	0/0	DA+0	588.74	Jayeshbhai Mohanbhai & Maganbhai Kashavbhai Patel & o	Mandor	Jalalpore	Navsari	835	847	350	1814.14	700.00	1814.14	1143112.37
77	0/0	DA+0	588.74	Vasantbhai Maganbhai Patel, Bhagubhai Nagjibhai,Somabhai Maganbhai Patel,Dhirubhai Maganbhai Patel & ors.	Mandor	Jalalpore	Navsari	845	9610/29 & 968	100	527.69	400.00	527.69	332443.14
78	0/0	DB1+0	588.74	Ismail Mohammad Tejani &	Mandor	Jalalpore	Navsari	850	987	200	527.69	400.00	527.69	332443.14
79	0/0	DA+0	588.74	Nayan Shankar Vaidya & Ishaq Hasan Sayyed & ors.	Mandor	Jalalpore	Navsari	1234/1/1	1067 & 1069	200	527.69	400.00	527.69	332443.14
80	0/0	DA+0	588.74	Jayeshbhai Shankar Patel	Mandor	Jalalpore	Navsari	1/1/1	1284	200	527.69	400.00	527.69	332443.14
81	0/0	DA+0	588.74	Kiranbhai Somabhai Patel, Harshaben Thakorebhai & ors.	Abrama	Jalalpore	Navsari	1208/1/2/1	571 & 572	56	175.75	112.00	175.75	110785.28
82	0/0	DA+0	588.74	shri Ramesh Vallabhbhai Ajay & ors.	Abrama	Jalalpore	Navsari	1/1/2	547	56	175.75	112.00	175.75	110785.28
83	0/0	DA+0	588.74	Vijaybhai Bhagubhai Ahir & ors.	Abrama	Jalalpore	Navsari	1/2/4	511	56	175.75	112.00	175.75	110785.28
84	0/1	DC1+1	649.67	Dahyabhai Mangubhai Ahir & ors.	Abrama	Jalalpore	Navsari	1/2/3	463	56	175.75	112.00	175.75	110785.28
85	0/1	DA+0	588.74	Rohidas Ramanbhai & ors.	Abrama	Jalalpore	Navsari	1/2/2	1282	56	175.75	112.00	175.75	110785.28
86	0/0	DC1+0	624.23	Chiragbhai Nitinbhai Patel,Avinash Hasmukh Gokalbhai Bipinbhai Jambhai Desai & ors.	Abrama	Jalalpore	Navsari	1/1/1,1/2/5,1/2/5	1230, 1231, 1232	56	175.75	112.00	175.75	110785.28
87	0/0	DA+0	588.74	Ambalal Dahyabhai Patel,Dayabhai Dahyabhai Patel &	Abrama	Jalalpore	Navsari	1/1/2/1/1	1230 & 1231	56	175.75	112.00	175.75	121943.51
88	0/0	DA+0	635.26	Pravinkumar Shankarbhai Patel & ors.	Abrama	Jalalpore	Navsari	402	1196	56	175.75	112.00	175.75	97888.30
89	0/0	DB1+0	703.38	Akshaykumar Jayantibhai Patel, Kaushikbhai Mansukhlal Patel,Rakeshbhai Jeevanji & ors.	Saras	Jalalpore	Navsark	338/3/2/1	671, 674 & 746	140	253.61	140.00	253.61	481618.27
90	0/0	DB1+0	1043.75	Chandubhai Bagubhai ,Ajaybhai chhaganbhai patel , Dahyabhai Lalubhai & ors.	Saras	Jalalpore	Navsark	2498/2888/2/10	362, 363, 370	72	223.97	144.00	223.97	459096.56
91	0/0	DA+0	588.74	Suresh Manubhai Patel	Saras	Jalalpore	Navsari	360/2/2/1	470 & 471	72	223.97	144.00	223.97	160082.70
92	0/0	DA+0	635.26	Jignesh Ramanbhai Patel & ors.	Saras	Jalalpore	Navsari	456/1	345	97	332.84	194.00	332.84	238369.28
93	0/0	DA+0	635.26	Jalamsinh Jethabhai	Khanpal	Jalalpore	Navsari	1556	1498	140	479.38	280.00	479.38	343728.25
94	0/0	DA+0	635.26	Parbatbhai Dahyabhai Patel, Smt Shantiben Bipinbhai Desai & ors.	Khanpal	Jalalpore	Navsari	1546/1549	1488 & 1491	103.9	321.69	207.80	321.69	230476.93

POWER GRID CORPORATION OF INDIA LTD.

Sl No	Loc. No/Span	Type of Tower	Area between four legs of tower	Name of the land owner	Village	Taluka	District	New Survey Number	Old Survey Number	Land Compensation for Tower Base area (Between Four Legs)				
										Jantri Rate/Sq.M as on 2011 for Old SY no.	Jantri Rate (Sq.M. + 10% compound interest annually till 2023	Jantri Rate /Sq.M as on 2023 (2 times of 2011 rate)	Jantri Rate/Sq.M to be adopted for Tower Base as per Guj Govt GO dt. 25.08.2023 (Either "K" or "L", which ever is more)	Total Land compensation for Tower Base @ 85% of "M" for private land & 10% Value for Govt land
A	B	C	D	E	F	G	H	I		J	K	L	M	N
89	203	DA+0	693.36	Jayantibhai Manubhai Patel , Smt. Jayaben Kantibhai [illegible]	Nansad	Ishwar	Navsari	1084	1886	130	448.06	260.00	448.00	1272147.84
90	204	DC1+0	654.25	Vasudhai Kanubhai Patel , Babubhai Kanubhai & ors	Nansad	Ishwar	Navsari	1414,1417	1368, 1787	112.5	253.07	225.00	253.07	1903.02.87
91	205	DA+0	XXXXX	Dilipbhai Bhikhabhai Patel & ors	Kachu	Gandevi	Navsari	336	330	32	63.77	64.00	63.77	18422.91
92	206	DA+0	584.74	Bhikhabhai Bhulabhai Patel	Kachu	Gandevi	Navsari	168	301	26.32	52.62	52.64	52.62	45332.88
93	207	DA+0	693.36	Kanubhai Subhabhai, Ahmad Amrutbhai Nayak & ors	Kachu	Gandevi	Navsari	216,217,218,246	659, 661 & 669	19	59.63	38.00	59.63	33312.17
94	208	DA+0	590.58	Sadhuben Jayantibhai Naik & ors	Kachu	Gandevi	Navsari	252	659	24	75.32	48.00	75.32	37693.61
95	209	DC2+0	650.25	Kanjibhai Parabhbhai Nayak & ors	Kachu / Vasna	Gandevi	Navsari	240,243,251	617, 915	24	75.32	48.00	75.32	41206.68
96	210	DA+0	681.22	GOVT	Gadat	Gandevi	Navsari	538	708	28	87.88	56.00	87.88	3961.36
97	211	DB+0	588.53	GOVT	Vasna	Gandevi	Navsari	353	555	28	87.88	56.00	87.88	3472.81
98	212	DA+0	588.73	Ashok Bandubhai Patel,Bhikubhai Nathubhai Ahir, Ramubhai Kanjibhai Patel &ors	Vasna	Gandevi	Navsari	1108,352	814, 653, 959	26	78.48	52.00	78.48	84363.99
99	213	DA+0	650.25	Naranbhai Natha Bhai Patel, Ukabhai Mangabhai, Jayantibhai Sakhabhai Rathod	Chapgam	Gandevi	Navsari	241,242,243,251	1459, 1465, 1468	25	78.46	50.00	78.46	43360.22
100	214	DA+0	588.73	Maheshbhai Nagabhai Patel,Manubhai Khapabhai, Chandubhai Ramubhai & ors	Chapgam	Gandevi	Navsari	418,420,437	1294, 1329, 1328	25	78.46	50.00	78.46	39283.93
101	215	DC2+0	332.66	Arvind Kumar Shabhai Patel & ors	Chapgam	Gandevi	Navsari	405,435	1348, 1269	25	78.46	50.00	78.46	3341.29
102	216	DA+0	649.36	GOVT	Chapgam	Gandevi	Navsari	1012	1267	25	78.46	50.00	78.46	3341.29
103	217	DA+0	489.54	Deepakbhai Mahendrabhai Ashok Ramanbhai Mistri, Rahul Jamubhai Patel & ors	Chapgam	Gandevi	Navsari	414,415,416,1012	942, 943, 944, 1107	25	78.46	50.00	78.46	29263.97
104	218	DA+0	568.74	Gangabhai Chhibhai Rathod,Pratibhai Ramanbhai Lakhanbhai Te Chhotabhai Lakhabhai Patel & ors	Kalandia	Gandevi	Navsari	2,3,8,9,11,12,13,14,731	1366, 1368 1368 1366	34.15	108.06	68.30	108.06	34596.97
105	219	DA+0	588.74	Bhupatbhai Chhaganbhai & ors	Kalandia	Gandevi	Navsari	729	1409	25	80.64	50.00	126.84	54998.58
106	220	DA+0	588.74	Ramubhai Nagabhai Patel,Vinubhai Nagabhai Patel,Chhaganbhai Somabhai,Jayantibhai Mithabhai,Amrutbhai Chabhai & ors	Kalandia	Gandevi	Navsari	1718,1720,1814,1815	788, 788, 784, 783, 782	20	62.77	40.00	62.77	34481.10
107	221	DA+0	488.34	Bipinbhai Babubhai Bhagubhai Patel, Vandanaben Rameshbhai Patel, Khapabhai Chabhai & ors	Mandi Falia	Gandevi	Navsari	not found	1050, 1037, 1047, 1048	10	99.84	20.00	99.84	29840.67
108	222	DC1+0	576.15	Sanjaybhai Gopalbhai & ors	Mandi Falia	Gandevi	Navsari	not found	1038, 651	10	62.77	40.00	62.77	4259.29
109	223	DA+0	588.74	Rameshbhai Gandalal Vikas Bhagubhai Patel &ors	Mandi Falia	Gandevi	Navsari	not found	993, 710	10	62.77	40.00	62.77	33411.18
110	224	DA+0	588.74	Ramubhai Ranjitbhai, Gol of Mansukhbhai Rajbhai Dabgabhai & ors	Mandi Falia	Gandevi	Navsari	not found	781, 589	56	176.26	112.00	176.26	59981.23
111	225	DB1+0	588.51	TO Not available	Vankaneh	Gandevi	Navsari	not found	929	28.8	90.65	57.60	127.65	77201.18
112	226	DB+0	588.74	Mahabhai Ramubhai Patel,Parmeshwari Ramabhai,Mangubhai Bhagwanbhai & ors	Vaghecha	Gandevi	Navsari	901,902,903,904,905,906,907,908,909,910,911,912,913,914,915,916,917,918,919,920,921,922,923,924,925,926,927,928,929,930,931,932,933,934,935,936,937,938,939,940,941,942,943,944,945,946,947,948,949,950,951,952,953,954,955,956,957,958,959,960,961,962,963,964,965,966,967,968,969,970,971,972,973,974,975,976,977,978,979,980,981,982,983,984,985,986,987,988,989,990,991,992,993,994,995,996,997,998,999,1000,1001,1002,1003,1004,1005,1006,1007,1008,1009,1010,1011,1012,1013,1014,1015,1016,1017,1018,1019,1020,1021,1022,1023,1024,1025,1026,1027,1028,1029,1030,1031,1032,1033,1034,1035,1036,1037,1038,1039,1040,1041,1042,1043,1044,1045,1046,1047,1048,1049,1050,1051,1052,1053,1054,1055,1056,1057,1058,1059,1060,1061,1062,1063,1064,1065,1066,1067,1068,1069,1070,1071,1072,1073,1074,1075,1076,1077,1078,1079,1080,1081,1082,1083,1084,1085,1086,1087,1088,1089,1090,1091,1092,1093,1094,1095,1096,1097,1098,1099,1100,1101,1102,1103,1104,1105,1106,1107,1108,1109,1110,1111,1112,1113,1114,1115,1116,1117,1118,1119,1120,1121,1122,1123,1124,1125,1126,1127,1128,1129,1130,1131,1132,1133,1134,1135,1136,1137,1138,1139,1140,1141,1142,1143,1144,1145,1146,1147,1148,1149,1150,1151,1152,1153,1154,1155,1156,1157,1158,1159,1160,1161,1162,1163,1164,1165,1166,1167,1168,1169,1170,1171,1172,1173,1174,1175,1176,1177,1178,1179,1180,1181,1182,1183,1184,1185,1186,1187,1188,1189,1190,1191,1192,1193,1194,1195,1196,1197,1198,1199,1200,1201,1202,1203,1204,1205,1206,1207,1208,1209,1210,1211,1212,1213,1214,1215,1216,1217,1218,1219,1220,1221,1222,1223,1224,1225,1226,1227,1228,1229,1230,1231,1232,1233,1234,1235,1236,1237,1238,1239,1240,1241,1242,1243,1244,1245,1246,1247,1248,1249,1250,1251,1252,1253,1254,1255,1256,1257,1258,1259,1260,1261,1262,1263,1264,1265,1266,1267,1268,1269,1270,1271,1272,1273,1274,1275,1276,1277,1278,1279,1280,1281,1282,1283,1284,1285,1286,1287,1288,1289,1290,1291,1292,1293,1294,1295,1296,1297,1298,1299,1300,1301,1302,1303,1304,1305,1306,1307,1308,1309,1310,1311,1312,1313,1314,1315,1316,1317,1318,1319,1320,1321,1322,1323,1324,1325,1326,1327,1328,1329,1330,1331,1332,1333,1334,1335,1336,1337,1338,1339,1340,1341,1342,1343,1344,1345,1346,1347,1348,1349,1350,1351,1352,1353,1354,1355,1356,1357,1358,1359,1360,1361,1362,1363,1364,1365,1366,1367,1368,1369,1370,1371,1372,1373,1374,1375,1376,1377,1378,1379,1380,1381,1382,1383,1384,1385,1386,1387,1388,1389,1390,1391,1392,1393,1394,1395,1396,1397,1398,1399,1400,1401,1402,1403,1404,1405,1406,1407,1408,1409,1410,1411,1412,1413,1414,1415,1416,1417,1418,1419,1420,1421,1422,1423,1424,1425,1426,1427,1428,1429,1430,1431,1432,1433,1434,1435,1436,1437,1438,1439,1440,1441,1442,1443,1444,1445,1446,1447,1448,1449,1450,1451,1452,1453,1454,1455,1456,1457,1458,1459,1460,1461,1462,1463,1464,1465,1466,1467,1468,1469,1470,1471,1472,1473,1474,1475,1476,1477,1478,1479,1480,1481,1482,1483,1484,1485,1486,1487,1488,1489,1490,1491,1492,1493,1494,1495,1496,1497,1498,1499,1500,1501,1502,1503,1504,1505,1506,1507,1508,1509,1510,1511,1512,1513,1514,1515,1516,1517,1518,1519,1520,1521,1522,1523,1524,1525,1526,1527,1528,1529,1530,1531,1532,1533,1534,1535,1536,1537,1538,1539,1540,1541,1542,1543,1544,1545,1546,1547,1548,1549,1550,1551,1552,1553,1554,1555,1556,1557,1558,1559,1560,1561,1562,1563,1564,1565,1566,1567,1568,1569,1570,1571,1572,1573,1574,1575,1576,1577,1578,1579,1580,1581,1582,1583,1584,1585,1586,1587,1588,1589,1590,1591,1592,1593,1594,1595,1596,1597,1598,1599,1600,1601,1602,1603,1604,1605,1606,1607,1608,1609,1610,1611,1612,1613,1614,1615,1616,1617,1618,1619,1620,1621,1622,1623,1624,1625,1626,1627,1628,1629,1630,1631,1632,1633,1634,1635,1636,1637,1638,1639,1640,1641,1642,1643,1644,1645,1646,1647,1648,1649,1650,1651,1652,1653,1654,1655,1656,1657,1658,1659,1660,1661,1662,1663,1664,1665,1666,1667,1668,1669,1670,1671,1672,1673,1674,1675,1676,1677,1678,1679,1680,1681,1682,1683,1684,1685,1686,1687,1688,1689,1690,1691,1692,1693,1694,1695,1696,1697,1698,1699,1700,1701,1702,1703,1704,1705,1706,1707,1708,1709,1710,1711,1712,1713,1714,1715,1716,1717,1718,1719,1720,1721,1722,1723,1724,1725,1726,1727,1728,1729,1730,1731,1732,1733,1734,1735,1736,1737,1738,1739,1740,1741,1742,1743,1744,1745,1746,1747,1748,1749,1750,1751,1752,1753,1754,1755,1756,1757,1758,1759,1760,1761,1762,1763,1764,1765,1766,1767,1768,1769,1770,1771,1772,1773,1774,1775,1776,1777,1778,1779,1780,1781,1782,1783,1784,1785,1786,1787,1788,1789,1790,1791,1792,1793,1794,1795,1796,1797,1798,1799,1800,1801,1802,1803,1804,1805,1806,1807,1808,1809,1810,1811,1812,1813,1814,1815,1816,1817,1818,1819,1820,1821,1822,1823,1824,1825,1826,1827,1828,1829,1830,1831,1832,1833,1834,1835,1836,1837,1838,1839,1840,1841,1842,1843,1844,1845,1846,1847,1848,1849,1850,1851,1852,1853,1854,1855,1856,1857,1858,1859,1860,1861,1862,1863,1864,1865,1866,1867,1868,1869,1870,1871,1872,1873,1874,1875,1876,1877,1878,1879,1880,1881,1882,1883,1884,1885,1886,1887,1888,1889,1890,1891,1892,1893,1894,1895,1896,1897,1898,1899,1900,1901,1902,1903,1904,1905,1906,1907,1908,1909,1910,1911,1912,1913,1914,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4915,4916,4917,4918,4919,4920,4921,4922,4923,4924,4925,4926,4927,4928,4929,4930,4931,4932,4933,4934,4935,4936,4937,4938,4939,4940,4941,4942,4943,4944,4945,4946,4947,4948,4949,4950,4951,4952,4953,4954,4955,4956,4957,4958,4959,4960,4961,4962,4963,4964,4965,4966,4967,4968,4969,4970,4971,4972,4973,4974,4975,4976,4977,4978,4979,4980,4981,4982,4983,4984,4985,4986,4987,4988,4989,4990,4991,4992,4993,4994,4995,4996,4997,4998,4999,5000,5001,5002,5003,5004,5005,5006,5007,5008,5009,5010,5011,5012,5013,5014,5015,5016,5017,5018,5019,5020,5021,5022,5023,5024,5025,5026,5027,5028,5029,5030,5031,5032,5033,5034,5035,5036,5037,5038,5039,5040,5041,5042,5043,5044,5045,5046,5047,5048,5049,5050,5051,5052,5053,5054,5055,5056,5057,5058,5059,5060,5061,5062,5063,5064,5065,5066,5067,5068,5069,5070,5071,5072,5073,5074,5075,5076,5077,5078,5079,5080,5081,5082,5083,5084,5085,5086,5087,5088,5089,5090,5091,5092,5093,5094,5095,5096,5097,5098,5099,5100,5101,5102,5103,5104,5105,5106,5107,5108,5109,5110,5111,5112,5113,5114,5115,5116,5117,5118,5119,5120,5121,5122,5123,5124,5125,5126,5127,5128,5129,5130,5131,5132,5133,5134,5135,5136,5137,5138,5139,5140,5141,5142,5143,5144,5145,5146,5147,5148,5149,5150,5151,5152,5153,5154,5155,5156,5157,5158,5159,5160,5161,5162,5163,5164,5165,5166,5167,5168,5169,5170,5171,5172,5173,5174,5175,5176,5177,5178,5179,5180,5181,5182,5183,5184,5185,5186,5187,5188,5189,5190,5191,5192,5193,5194,5195,5196,5197,5198,5199,5200,5201,5202,5203,5204,5205,5206,5207,5208,5209,5210,5211,5212,5213,5214,5215,5216,5217,5218,5219,5220,5221,5222,5223,5224,5225,5226,5227,5228,5229

Annx – 48

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref:WRTS-II/Navsari-TLC/NPTL/PolicePro./

Date:05.10.2023

To,

The Superintendent of Police,
District- Navsari (Gujrat).

Sub: - **Regarding Police Protection during the foundation work at Village- Abrama ,Kharsad for construction work of 400 M/C New Navsari – Magarwada & 765KV D/C New Navsari-Padghe Transmission Line.**

Resp. Sir,

POWERGRID CORPORATION OF INDIA LTD. (A Maharatna Enterprises of Govt of India) having its registered office at B-9, Qutub Institutional area, Katawaria Sarai, New Delhi is responsible for Construction & Maintenance of EHV SS & Transmission Lines across the Country.

Vide reference to office memorandum received from Ministry of Power dt. 13.01.2022, to increase transmission network expansion in Gujrat, Maharashtra to increase ATS from ISTS, Ministry of Power assigned the responsibility to POWERGRID to establishment of 400 M/C New Navsari – Magarwada & 765KV D/C New Navsari-Padghe Transmission Line.

Below mentioned location, Sec-16 order has already been issued by the local authority, but during the process of execution, the villagers of Abrama and Kharsad have obstructed the foundation of the said line, so kindly requested to provide Police Protection as mentioned below:

Sr No	Name of Village	Farmer Name	Tower Location Number	Required Police Personnel	Taluka and District	Remarks
1	Abrama	Champaben Natvarlal Patel & etc. Asutosh Haribhai Gulabbhai & etc. Bhavesh Jatinbhai Desai & etc.	19/0	PI 01 PSI-02, ASI-02 Head Constable-03 Gents Constable-06 Lady Constable-06	Jalalpore & Navsari	For Foundation Work of 765kV Navsari (New)-Padghe Transmission Line
2	Kharsad	Ishwarbhai durlabbhai	20/3			
3	Abrama	Bharatkumar Chimanbhai @ etc	12/1		Jalalpore & Navsari	For Foundation Work of 400kV Navsari (New)-Magarwada Transmission Line
4	Abrama	Bhavnaben Rameshbhai & etc.	12A/1			

WR II New Navsari TLC Office House No.1 Crystal Bunglows Tighara Road Near Shiv Parvati Society Navsari Gujarat 396445
क्षेत्रीय मुख्यालय : प्लॉट नं.-64, रिया-रेवती रिज़ॉर्ट के पास, समा-सावली रोड, वडोदरा – 390 008(गुजरात) -
Regional Head Office : Plot no:-64, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax: 0265-2487544 email:newnavsari@powergrid.co.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

250

To execute this time-bound project, it is kindly requested to make it convenient to provide the Police Protection for said foundation work so that further activities could be taken up at the earliest please.

Also it is requested kindly give the demand note of Rs. 5 lacs for the release of advance payment for police protection to complete the above project of national importance.

With warm regards

Encl.1) Copy of prior approval
2) Section 16 order

Yours faithfully
For Power Grid Co. of India Ltd, Valsad

(S.Muralidharan)
General Manager, New Navsari

Amit Prakash Yadav I.A.S.

सत्यमेव जयते

Sr. No.: Acb/MSC/W.S-1270/23
Jilla Seva Sadan,
1st Floor, Kaliyawadi,
Navsari - 396427, Gujarat.

Date: 20-03-2023

To,
Shri R.K.Gupta
Chief General Manager
Power Grid Corporation of India Ltd.
Vadodara.

Sir,

Subject: 400 KV New Navsari- Daman Line
765 KV DC New Navsari-Padgha Line
Shifting of Hightension Electric Line to Coastal Area in Navsari District.

Sir,

Refer to the subject matter, presently, It is planned by Power Grid to install transmission line through villages of Jalalpore Taluka and Gandevi Taluka of Navsari District.

We received grievances from affected farmers of navsari district with apprehension of irreparable damage due to establishment of transmission lines passing through land parcels having horticulture area of mango-chikoo owned by small farmers. Affected farmers suggested alternate way of coastal areas of Jalalpore Taluka and Gandevi Taluka.

Kindly revisit your proposed survey for this aforesaid matter and do needful for resolving this problems.

Thanking You.

Amit Yadav
Collector Navsari

CC To: Shri D K Gupta- Senior General Manager-Navsari Project, Navsari.

POWER GRID CORPORATION OF INDIA LTD.

Phone : (O) 02637-244999 (R) 02637-246000 Fax : 02637-281540

Annx – 43

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पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarter

Ref: WR-2 / Navsari TLC/ROW/2023/ 111

Date: 12.10.2023

To
The Collector & District Magistrate
District - Navsari, Gujarat State.

Sub: **Construction of 765kV D/C New Navsari – Padhge and 400KV M/C New Navsari – Magarwada transmission lines under Transmission Network Expansion in Gujarat to increase its ATC from ISTS-Part B – Diversion of Transmission Line Approved Route Alignment - reg.**

Ref: 1. Your letter dated 20.03.2023
2. Our letter ref. no. WR-2/Navsari/TLC/ROW/Apr,23 dated 12.04.2023

Respected Sir,

Vide letter ref no. I/20218/2022 dated 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power, Govt of India has directed POWERGRID to carry out the construction of 765kV D/C New Navsari – Padhge and 400KV M/C New Navsari – Magarwada transmission lines. Construction activities of this project commenced since 29.12.2023.

This has reference to your letter dated 20.03.2023 and our reply dt. 12.04.2023 on the above subject. Further to the meeting held on 06.10.2023 in your office, it is to inform that, possibility of diverting the approved route alignment to the alternate way of coastal areas of Jalapore and Gandevi Taluka to avoid horticulture area of mango-chikoo gardens as suggested by small farmers is **"Technically Not Viable"**, as alternate route as suggested by them traverse through marshy land, submerged, posing challenges during construction, non-approachable for regular maintenance works and more damages to eco-sensitive zone/CRZ. The approved route was surveyed considering minimum damage as much as possible to the farmers/environment and with most techno-economical feasible parameters in line with the Regulations stipulated under CEA.

Further, few tower locations foundations were completed and required towers, conductors and all other line materials for the subject projects has already been supplied.

In view of the above, this is to re-confirm that POWERGRID have finalized line route considering future maintenance, minimum damage to eco-sensitive zone and as per CEA norms, therefore re-routing/diverting of the line at this stage is "Technically Not Possible".

In view of above, it is requested to kindly extend your support for resolution of RoW issues for completion of this project of national importance in a time bound manner.

Thanking you,

Yours sincerely,

12/10/23

(D K Gupta)
Sr. General Manager, New Navsari

O/C

Received
12/10/23
કલેક્ટર કચેરી
નવસારી

House no -05 and 06 Cristal bungalow, Tighara Road, near alaknanda society-396445
Email id :- newnavsari@powergrid.co.in

डी. के गुप्ता / D. K. GUPTA
Sr. General Manager
पावर ग्रिड / Power Grid
न्यू नवसारी / New Navsari

पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटुशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016
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POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarter

Ref: WR-2 / New Navsari /TLC//765kV /Oct,23/ Date: 17/10/2023

To,
The Superintendent of Police
District - Navsari,
Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- **Request for the police protection for the construction activity.**

Our earlier letter ref no:
(1) WR-2/ New Navsari/TLC/400kV/Aug,23/2 dtd 16.08.23
(2) WR-2 / New Navsari /TLC/400kV /Aug,23 dtd 11.08.23

Respected Sir,

This has reference to our earlier letter dtd 11.08.23 and 16.08.23, regarding support and police protection for the construction of 400kV M/C New Navsari – Magarwada line.

The construction activity is affected very badly since Sep,22 due to severe ROW issues in Navsari district. To resolve the dispute, applications under section 16 (1) were filed by POWERGRID. After hearing of section 16(1) applications, section 16 order has been issued by Sub Divisional Magistrate, Navsari. However, work could not be started due stiff resistance by local villagers.

The details of village under jurisdiction of Maroli police station and requirement of police are given below.

Sl No	Name of Village	Taluka	District	Nos of locations	Date of police protection requirement	Nos of police requirement
1	Mirjapur	Jalalpore	Navsari	10	25.10.23	20 Nos

In view of above, it is requested kindly provide the police protection and demand note to start the construction of 400kV M/C New Navsari – Magarwada line.

Yours sincerely,
17/10/23
S Muralidharan
GM New Navsari

17/10/23
Sup. of Police
Navsari

House no -05 and 06 Cristal bungalow, Tighara Road, near alaknanda society-396445
Email Id :- nwnnavsari@powergrid.co.in

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(भारत सरकार का उपक्रम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WRTS-II/POWERGRID Navsari/Review Petition/

Date: 19/10/2023

To,
The District Collector,
District-Navsari.

Subject: Construction of 400kV M/C New Navsari-Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS- **Regarding Review Petition for Section 16 orders.**

Dear Sir,

Power Grid Corporation of India Ltd. (Government of India Enterprise) under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

Power Grid Corporation of India Limited (POWERGRID), a Government of India Enterprise, has filed an application under Section 16(1) read with Section 10 of the Indian Telegraph Act, 1885 and Section 164 of the Electricity Act, 2003, seeking permission to exercise the powers under the Act during construction of 400kV M/C New Navsari-Magarwada transmission line passing through the District Navsari and the subject petition had been taken on file and notices were also issued to the opponents and after completing the due process of law, 82 order has been passed therein by the Hon'ble SDM Navsari and Chikhli permitting POWERGRID to continue with the construction activities.

it is submitted that the farmer / land owner in one of such cases has challenged the order passed by the SDM/Valsad vide SCA No.16337/2023 before the Hon'ble High Court of Gujarat on the ground that the District Magistrate is not vested with the powers to delegate the powers vested u/s 16(1) of the Indian Telegraph Act, 1885 to the Deputy Collector and Sub-Divisional Magistrate and accordingly, the Hon'ble High Court of Gujarat has ordered status-quo in such cases.

That the provisions under Sec 16(1) of Indian Telegraph Act, 1885 are also reproduced herein below for ready reference;

Sec 16. Exercise of powers conferred by section 10, and disputes as to compensation, in case of property other than that of a local authority: -

" the exercise of the powers mentioned in section 10 in respect of property referred to in clause (d) of that section is resisted or obstructed, the District Magistrate may, in his discretion, order that the telegraph authority shall be permitted to exercise them.

In view of the above grounds and also due to the urgency of the line to be constructed in a time bound manner, the review petitioner humbly submits that the orders passed by the Hon'ble SDM Navsari and SDM Chikhli may kindly be re-called and an order under 16(1) may kindly be pronounced in accordance with the provisions of law. The copy of Writ Petition filed by one of the farmers as SCA NO.16337/2023 and Interim Order of the Hon'ble HC of Gujarat dated 26.09.2023 is enclosed.
Thanking You.

Yours sincerely,

S Muralidharan
General manager
(New Navsari)

WR II New Navsari TLC Office House No.5 Crystal Bunglows,Tighara Road,Near Shiv Parvati Society Navsari Gujarat 396445
क्षेत्रीय मुख्यालय : प्लॉट नं.-54, रिया-रेवती रिसॉर्ट के पास, समा-सावली रोड, वडोदरा – 390 008(गुजरात) -
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax 0265-2487544 email:newnavsari@powergrid.co.in
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255

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पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / New Navsari /TLC/400kV/765kV /Oct,23 Date: 19/10/2023

To,
The Collector & District Magistrate
District - Navsari, Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line and 765kV New Navsari – Padhge line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- Request for the administration support for the execution of project reg.

Respected Sir,

This has reference to the Construction of 400kV M/C New Navsari – Magarwada transmission line and 765kV New Navsari – Padhge line in Navsari district.

During recent review meeting on 12.10.2023 chaired by Hon'ble secretory (coordination), Cabinet Secretariat GOI, it was informed that construction work in ROW area under Navsari district will start under police protection. Accordingly, we contacted the SP Navsari office and requested for the police protection from 25.10.2023. Copy of communication is enclosed.

Further, as informed by SP Navsari office, the police protection is expected to be given by 25.10.2023 to start the construction activities. For smooth execution the local administrative officials, revenue officials are required to remove the obstruction during construction activity if any.

In view of above, it is requested to kindly provide the administrative support and revenue officials from 25.10.2023 to start the construction work under police protection.

Thanking You,

Yours sincerely,

19/10/23

D K Gupta
Sr GM New Navsari

O/C

Received
19/10/23
કલેક્ટર કચેરી
નવસારી

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Email id :- newnavsari@powergrid.co.in

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Ref: WR-2 / New Navsari /TLC/400kV/765kV /Oct,23/2 Date: 25/10/2023

To,
The Mamlatdar, Jalalpore
District - Navsari, Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line and 765kV New Navsari – Padhge line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- **Request for the administration support for the execution of project reg.**

Our earlier letter ref no *WR-2 / New Navsari /TLC/400kV/765kV /Oct,23 dtd 19.10.2023 to Collector Navsari*

Dear Sir,

This has reference to the Construction of 400kV M/C New Navsari – Magarwada transmission line and 765kV New Navsari – Padhge line in Navsari district.

As informed by SP Navsari office, the police protection for the construction of above projects in Village Mirjapur, taluka Jalalpore under Navsari district will be provided from 26.10.2023 to 01.11.2023, accordingly you are requested to please depute the executive Magistrate and other revenue officials at village Mirjapur to smooth execution construction activity for 7 days to for above given period.

Thanking You,

Yours sincerely,
25/10/23
S Muralidharan
GM New Navsari

CC:- SDM , Navsari – For kind information.

25/10/23

House no -05 and 06 Cristal bungalow, Tighara Road, near alaknanda society-396445
Email id :- nwnavsari@powergrid.co.in

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पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / New Navsari /TLC//765kV /Oct,23/2 Date: 31/10/2023

To,
The Superintendent of Police
District - Navsari,
Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada and 765kV D/C New Navsari -Padhge transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- **Request for the police protection from the period of 02.11.2023 to 09.11.2023.**

Our earlier letter ref no:
(1) WR-2/ New Navsari/TLC/400kV/Aug,23/2 dtd 16.08.23
(2) WR-2 / New Navsari /TLC/400kV /Aug,23 dtd 11.08.23
(3) WR-2 / New Navsari /TLC//765kV /Oct,23/ dtd 17.10.23

Dear Sir,

This has reference to our earlier letter dtd 17.10.23, regarding police protection for the construction of 400kV M/C New Navsari – Magarwada line and 765kV D/C New Navsari -Padhge transmission line.

We express our thanks and gratitude to your good office for giving support for the construction work of above project.

It is to mention here that, construction work is under progress in village Mirjapor with police protection, however we are facing continuous ROW issue during construction work. To continue the construction activity, police protection is further required from the period 02.11.2023 to 09.11.2023.

ok

In view of above, it is requested kindly provide the police protection for the construction work of 400kV M/C New Navsari – Magarwada and 765kV D/C New Navsari -Padhge transmission line in Mirjapore village.

Yours sincerely,

S Muralidharan
GM New Navsari

1-11-23

District collector – for kind information Sir

Received
1/11/23
નવસારી જીલ્લા કલેક્ટર કચેરી
નવસારી

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POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली -II/ WESTERN REGION TRANSMISSION SYSTEM – II

Ref: WR-2 /New Navsari /TLC/ROW/ 517-

Date: 06/11/2023

To,

O/C

The Collector & District Magistrate,
District- Valsad, Gujarat

Sub: Regarding ROW issue in respect of construction of 765KV D/C Navsari (New)- Padghe Transmission Line (Gujarat Portion) and 400KV M/C New Navsari – Magarwada Transmission Line associated with Transmission network expansion in Gujarat to increase its ATC from ISTS- part B.

Madam,

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

As you are aware that POWERGRID is encountering severe ROW issue in Valsad district and construction progress is badly affected. 197 applications were submitted under Section 16(1) of the Indian Telegraphic Act, 1885 in Valsad district. However, currently only 78 nos cases are under hearing. Subsequent as per the direction of your good office, joint site visits were also carried out by POWERGRID along with revenue Circle Officer/Talathi and informed to the concerned land owner/farmer about the tentative compensation. We would like to inform that we are unable to start the work on these locations due to the still resistance by farmers.

Hence, POWERGRID want to start the foundation work with police protection in below mentioned villages:

For 765KV D/C New Navsari – Padghe Transmission Line:

Tighra, Dhanori, Segva, Kalwada, Pitha, Kanjon Ranchhod, Atgam, Ronvel, Bedlai, Ozar.

For 400KV M/C New Navsari – Magarwada Transmission Line:

Olgam, Rola, Sonwada, Endergota, Jujva, Pathri, Gaderia, Anjlav, Binwada.

In view of that, it is requested to you kindly give the police protection for the above-mentioned village to start the foundation work of transmission line for completion of the project of aforesaid transmission lines from १७.11.2023.

Thanking You,

Yours sincerely,

(Sanjeev Kumar Pandey)
General Manager, Vapi, S/S

Copy to: The Superintendent of Police, Valsad

Construction Office : House No. 5&6 Cristal Bungalo, Near Alaknanda Society, Tighra Road, Navsari-396445 (Gujarat)
क्षेत्रीय प्रधान कार्यालय: प्लॉट नंबर-54, रिया-रेवती रिजॉर्ट सामा-सावली रोड के निकट, वडोदरा-390008 (गुजरात)
Regional Head Office : Plot No.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara-390008 (Gujrat)
Registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016. Tel. : 011-26560112, Fax : 011-26560039

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Ref: WR-2 / New Navsari /TLC/400kV/765kV /Nov,23/1 Date: 07/11/2023

To,
The Mamlatdar, Jalalpore
District - Navsari, Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line and 765kV New Navsari – Padhge line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- **Request for assessment/ issuance of land compensation order as per GR of Govt of Gujarat reg.**

Dear Sir,

This has reference to the Construction of 400kV M/C New Navsari – Magarwada transmission line and 765kV New Navsari – Padhge line in Navsari district.

The construction work in Mirjapur village, taluka Jalalpore under Navsari district is under progress with the support of administration/ police.

It is to mention that POWERGRID will pay compensation for loss or damages to the affected land owners as per Govt resolution (GR) issued by Govt of Gujarat on 31.12.2021/ GO EPCD/0347/08/2023 dt. 25.08.2023 after assessment and verification by respective Taluka's of Revenue department. As per GR, the location wise land compensation has been prepared, the same is enclosed at Annex-I.

For disbursement of land compensation payment, land compensation order may be issued after verification of land ownership and Jantry rate, Jantry rate for survey no 413, 72,168,176,178,190,192,177,178 and 172 (Not available in record) and details of compensation payment in case of multiple owners in single survey no. The copy of 7/12 of all concern farmers are enclosed at Annex -II.

In view of above, it is requested kindly issue the land compensation order at the earliest for the timely release of land compensation to the affected farmer/land owners.

Thanking You,

Yours sincerely,

S Murlidharan
GM New Navsari

7/11/23

CC:- SDM , Navsari – For kind information.

House no -05 and 06 Cristal bungalow, Tighara Road, near alalmanda society-396445
Email id :- newnavsari@powergrid.co.in

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POWER GRID CORPORATION OF INDIA LTD

765KV New Navsari - Padghe Transmission Line Compensation data(Mirjapore Village)

All Prices are in INR

Sl. No.	Loc. No	Type of Tower	Type of Land (Pvt/Govt/Forest)	District	Taluka	Landowner name	Village	Old Survey Number	New Survey Number	Tower base area in Sq.M	As per old survey as Jantri Rate/Sq.M (2011) (INR)	Land Compensation as per Guj Gov GO EPCB/834708/2023 dt 25.08.2023		Remarks
												Updated Jantri Rate /Sq.M (10% compound interest	Compensation amount of Tower base area (85% for pvt. And 10% for govt) (INR)	
1	8/15	DA+9	Pvt	Navsari	Jalalpore	Widow of Kashiben Ravi Bhang Manjuben Ravjibhai Bhikhubhai Ravjibhai Lakshmiben Te Maganbhai Ravjibhai Patel's widow Arvind Maganlal Patel Pankajkumar Maganbhai Patel Daughter of Hasumati Maganbhai Patel, wife of Harish Chandra Patel . Parish Maganbhai Patel Hitesh Maganbhai Patel Suresh Maganbhai Patel	Mirjapore	27	12	798.97	120.00	376.61140552	2537767.076	
2	8/3	DB60-3	Pvt	Navsari	Jalalpore	Natubhai Bhagabhai (6 children) Thakorbhai Bhagabhai (691) Ishwarbhai Bhagabhai (6 children) Manchiben Te Bhagabhai Kanabhai's widow Pavaliben Te Vallabhai Bhagabhai's widow Bijibhai Vallabhbhai	Mirjapore	41	19	849.07	120.00	376.61140552	2039770.613	
3	9/1	DA+9	Pvt	Navsari	Jalalpore	Dalubhai Balubhai Ahir Wife of Maniben Dalubhai Balubhai Vijaykumar Dalubhai Ahir Prajnesh Kumar Dalubhai Ahir Piyush Kumar Dalubhai Ahir	Mirjapore	47	59	454.57	120.00	376.61140552	145516.1693	
	9/1	DA+9	Pvt	Navsari	Jalalpore	Haribhai Dahyabhai Nanubhai Dahyabhai Mohanbhai Dahyabhai	Mirjapore	48	60	344.41	160.00	503.1483489	147003.8051	
4	9/2	DB1+9	Pvt	Navsari	Jalalpore	Raluben Lakha Te Ranchhodbhai Nanabhai's girl Chetanaben Lakhabhai Patel Kiran Lakhabhai Patel		130	161	656.71	80.00	251.0742703	140149.5133	
5	9/3	DA+0	Pvt	Navsari	Jalalpore	Nidhi Nileshbhai Patel		138/13	172	588.74	NA			Jantri rates are not available
6	9/4	DA+0	Pvt	Navsari	Jalalpore	Jamil Enterprise Pvt Ltd		138/10 & 138/11	177 & 178	588.74	NA			Jantri rates are not available

394
261

POWER GRID CORPORATION OF INDIA LTD.

Assistant Manager / Assistant Manager
Powergrid Navi Navsari

7	9/5	DA+0	Pvt	Navsari	Jalalpore	Nankaben Fakirbhai Budhiabhai Fakirbhai Bhanuben Fakirbhai Pramaben Morarbhai Laliben Morarbhai Parbhubhai Morarbhai Makiben Vallabhai Pariben Morarbhai Paliben Morarbhai Bharatben Bughiabhai Patel's wife Wife of Nirubeh Bughiabhai Patel Te Ganjibhai Pramabhai Bughiabhai Patel Jashwantben Bughiabhai Patel is the wife of Mahendrabhai Hemaliben Bughiabhai Patel is Harshadbhai's wife . Shantaben Ravjibhai Patel Rashmiben Ranjibhai Patel wife of Jayantibhai Patel Meenakshiben Ravjibhai Patel wife of Prakashbhai Patel Deepakkumar Ravjibhai Patel Mohanbhai Ravjibhai Patel Pushpaben Bhanabhai Patel wife of Shashikantbhai Patel Prakashbhai Bhanabhai Patel Deepakbhai Bhanabhai Patel Jayeshbhai Bhanabhai Patel Kiranbhai Bhanabhai Patel		163	182	655.26	115.00	369.9192613	201021.0283	
8	9/6	DA+0	Pvt	Navsari	Jalalpore	Sukhabhai Morarbhai Nandiben Te Dahyabhai Morarbhai Patel's widow Manubhai Dahyabhai Patel Hirabhai Dahyabhai Patel Mohanbhai Dahyabhai Patel Somabhai Dahyabhai Patel Daughter of Ramiben Dahyabhai Patel and wife of Vasantbhai Patel Lekhaben Te Govindbhai alias Govanbhai Patel's widow . Bipinbhai Govindbhai alias Govanbhai Patel Patel, wife of Ravjibhai Patel and wife of Narsinghbhai Gajaben Govindbhai alias Govanbhai Patel Daughter of Meenaben Govindbhai alias Govanbhai Patel and wife of Ranjitbhai Nanaben Te Budhiabhai Morarbhai Patel's widow Prakashbhai	Mirjapore	226	100	588.74	NA			Jantri rates are not available

395

242

POWER GRID CORPORATION OF INDIA LTD.

Sr. Manager
Asst. Manager (Admin. Section)
Power Grid Corporation of India Ltd.
Navsari

400kV New Navsari - Magarvada Line

Land Compensation Details — Vill. Mijapore (Bhuv), Taluka - Jalalpore under Navsari District

Sl. No.	Loc.No	Type of Tower	Type of Land (Pvt/Govt/ Forest)	District	Taluka	Landowner name	Village	New Survey Number	Old Survey Number	Tower base area in Sq.Mt	As per old survey no Jantri Rate/Sq.Mt	As per GR Land Compensation as per Guj Govt GR ERC/102016/2021/1 dt.18.08.2021 Updated Jantri Rate Sq.Mt (100% compound interest annually)(INR)	Compensation amount of Tower base area (85% for pvt, And 10% for govt) (INR)	Remarks
A	B	C	D	E	F		G		H	I	J	K=I*J*1.1^11	L= I*K*85% (Pvt.)	
1	0/13	QA+6	Pvt	Navsari	Jalalpore	Shantilal Nandlalbhai Hansaben Nandlalbhai Sumanbhai Nandlalbhai Chhaganbhai Hasmukhbhai Kalavatiben Hasmukhbhai Manjulaben Hasmukhbhai Chhanaben Hasmukhbhai Ashokbhai Hasmukhbhai	Mijapor	453	319	593.403	0.00			Record of Jantri not available
2	0/14	QA+6	Pvt	Navsari	Jalalpore	Sonaben Chhaganbhai Kantiben Chhaganbhai Manjulaben Chhaganbhai Jeetpalsinh Chhaganbhai Girishbhai Chhaganbhai Thakorbhai Chhaganbhai Shantiben Khandubhai Sumitraben Harishchabhai Radhikaben Harishchabhai Manishaben Harishchabhai Shantiben Khandubhai Bhaveshbhai Bharatbhai Mahendrabhai Bharatbhai Chhotalben Bharatbhai	Mijapur	33	33	198.482	50	251.874	10034.218	
396	A2+7	QB043+6	Pvt	Navsari	Jalalpore	Ramjibhai Ranchhodbhai Bhanderi Jasuben Ranchhodbhai Dahyabhai Ranchhodbhai Kantibhai Ranchhodbhai Hansaben Ranchhodbhai	Mijapur	88	56	421.764	320	376.611	114685.766	
4	7/1	QA+3	Pvt	Navsari	Jalalpore	Atul Sugarchandra Ishwar	Mijapur	72	63/1	160.000	NA	NA	NA	Record of Jantri not available
5	7/8	QA+0	Pvt	Navsari	Jalalpore	Rahul Manibhai Patel	Mijapur	168	139/2B	313.644	NA	NA	NA	Record of Jantri not available
6	7/9	QA+0	Pvt	Navsari	Jalalpore	Atul Enterprise Pvt Ltd (Cotton Industries Pvt Ltd)	Mijapur	170	139/3	313.644	NA	NA	NA	Record of Jantri not available
7	7/6	QA+3	Pvt	Navsari	Jalalpore	Jantilal Thakorbhai Patel	Mijapur	136	139/2B	968.439	NA	NA	NA	Record of Jantri not available
8	7/5	QA+0	Pvt	Navsari	Jalalpore	Dahyabhai Dalabhai Ahir Manibhai Dahyabhai Ahir Vijaykumar Dalabhai Ahir Pragnaben Dahyabhai Ahir Piyushkumar Dalabhai Ahir	Mijapur	133	133	391.402	50	251.874	15034.218	
9	7/6	QA+4.5	Pvt	Navsari	Jalalpore	Dalabhai Maganbhai Hansaben Dahyabhai Nanabhai Dahyabhai Mithabhai Mohanbhai Mohanbhai Dahyabhai Samabhai Dahyabhai Ramiben Dahyabhai Laxmiben Govindbhai Bipinbhai Govindbhai Hansaben Govindbhai Champaben Govindbhai Gayaben Govindbhai Manuben Dalabhai Naniben Bhadriyabhai Dahiben Bhadriyabhai	Mijapur	188	228	376.344	0.00			Record of Jantri not available
10	7/7	QA+4.5	Pvt	Navsari	Jalalpore	Govindbhai Bhaijibhai	Mijapur	192	228	376.344	0.00			Record of Jantri not available

POWER GRID CORPORATION OF INDIA LTD

Annexure-3

Annx-57

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटे
(भारत सरकार का उपक्र
POWER GRID CORPORATION OF INDIA LIMITE
(A Government of India Enterpri
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquar

Ref: WR-2 / Navsari/TLC/ROW/ 04

Date: 21.11.2023

To,
The Collector & District Magistrate
District - Navsari,
Gujarat.

Sub: Construction of 765kV D/C New Navsari – Padhge transmission line and 400KV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.-Construction progress in Navsari district for aforesaid lines

Dear Sir,

Power Grid Corporation of India Ltd have taken up construction of 765kV D/C New Navsari – Padhge and 400KV M/C New Navsari – Magarwada transmission lines in Navsari district. It may be mentioned that total 247 locations are in Navsari district and out of which 21 locations foundation work has been completed with the help of district administration. We are thankful to district administration for providing police protection for working in Mirjapore village from 26.10.23 to 01.11.23 due to which work could be taken up on all 18 locations in that village. Progress in Mirjapore village is as

Total locations: 18
Work completed: 05
Work in progress: 13

We are getting full support from district administration and further request to extend support as per letter ref no WRTS-II/POWERGRID/Navsari dated 20.11.23 for completion of balance work in Navsari district.

Thanking you.

Yours sincerely,

21/11/23

(D K Gupta)
Sr. General Manager (Navsari), WR-II

Received
21/11/23
રજીસ્ટ્રી શાખા
કલેક્ટર કચેરી
નવસારી.

House no -05 and 06 Cristel bungalow, Tighara Road, near aleknanda society-396445
Email id :- newnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटूशनल एरिया, कटवारिया सराय, नई दिल्ली– 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

POWER GRID CORPORATION OF INDIA LTD

Annx-42

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System-II, Regional Headquarters

Ref: WRTS-II/NEW NAVSARI/ Date: 11.12.2023

To,
Collector/District Magistrate,
Navsari.

Subject: Objections arising in connection of 765 KV D/C New Navsari Padghe Transmission line and 400 KV New Navsari Magarwada Transmission line construction.

Respected Sir,

Power Grid Corporation of India Limited (Government of India Enterprise) Ministry of Energy is a government company of the Government of India. Under section 164 of the Electricity Act, 2003, to exercise all powers under Part 3 of the Indian Wire Act, 1885, to lay and maintain electric lines necessary for the transmission of electricity by order of the Government of India and for proper co-ordination for laying and maintaining such lines in future PowerGrid is authorized as published in the Government of India Gazette, Extraordinary, Part, Section 3-Sub-Clause (ii) dated 24th December, 2003. Under sub-section (1) of section 68 of the Electricity Act, 2003, Powergrid has received prior approval to construct 765 KV double circuit New Navsari - Padhe and 400 KV multi circuit New Navsari - Magarwada power lines.

The following reply of objections raised by the **Rohit AnilKumar Desai**,Block no-1282,village-Abrama,Dist-Navsari during the hearing of the Section 16 case held in Collector office, Navsari on dtd-5/12/23 and 8/12/23.

Change in route of Transmission line	The selection of route for Overhead Transmission Line is done, only after a detailed field study, by identifying a feasible route of the proposed transmission line. While selecting suitable corridors, avoidance of habited area / Forest area / Water Catchment area, span length, the angle of deviation, other statutory requirements for NH crossing, Power Line Crossing, Gas Pipe line crossing etc and maintenance cost of electric lines and towers and other factors are considered. Once the technical feasibility of the project, has been approved by the appropriate Government, by issuing an order under Electricity Act, 2003, change in route / Major change in Technical Parameters is not possible
Shifting of line to Coastal Area	**NOT FEASIBLE** – Already replied vide our letter Dt 12.04.2023 and 12.10.2023, addressed Collector Navsari

WRTS-II New Navsari TLC Office, House No. 5 Cristal Bungalows, Tighra Road, Near Shiv Parvati Society, Navsari 396445 (Gujarat)
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 008 (Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax: 0265-2487544
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

Placement of Tower on any property (NA Land)	Section 10 of Telegraph Act authorizes, to place a line under, over, along or across any immovable property.
Prior Consent	Section 10 of Telegraph Act authorizes, to place a line under, over, along or across **any immovable property** **When entry into any property is legally authorised, with payment of compensation to the land owner, no prior consent is required.** The right conferred on the land owner is only to seek for payment of compensation
Compensation as per Act 2013	**No acquisition of land is contemplated under the Telegraph Act** and the provisions of The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 will not be applicable. Usage of the land by the licensee or the authorised person, does not amount to acquisition.
Sufficiency of compensation	**It is not in domain of POWERGRID** to enter into the "sufficiency of compensation" which could only be decided by Gujarat Government / Distt administration.

Thanking You,

Yours Faithfully,

(S Muralidharan)
General Manager, TLC
New Navsari.

Annx-53

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WRTS-II/POWERGRID Navsari/TLC/ 116

Date: 12/12/2023

To,
The Mamlatdar,
Taluka jalalpore District-Navsari.

Subject: Construction of 400 kv M/C New Navsari-Magarwada transmission line and 765 kv D/C New Navsari-Padghe transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS- Regarding submission of tower location details under Navsari district.

Dear Sir,

Power Grid Corporation of India Ltd. (Government of India Enterprise) under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

Ministry of Power, Govt. of India has directed POWERGRID to carry out the construction of 400 kv M/C New Navsari-Magarwada transmission line and 765 kv D/C New Navsari-Padghe transmission line as per their letter ref no. 1/2021&2022, dated 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003

With reference to your letter No. JMN/vashi-325 /2023 dtd 08.12.2023, the tower location details with survey no. and tower base area is enclosed with this letter.

Thanking You,

Yours sincerely

S.Muralidharan
General Manager,

12/12/23

WR II New Navsari TLC Office House No.5 Crystal Bunglows Tighara Road Near Shiv Parvati Society Navsari Gujarat 396445
क्षेत्रीय मुख्यालय : प्लॉट नं.-54, रिया-रेवती रिज़ॉर्ट के पास, समा-सावली रोड, वड़ोदरा – 390 008(गुजरात) -
Regional Head Office : Plot no.-54, Adjacent to Riya-Revati Resort Soma-Savli Road, Vadodara – 390 008(Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax 0265-2487544 email:newnavsari@powergrid.co.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016

POWER GRID CORPORATION OF INDIA LTD.

400 KV New Navsari- Magarwada MC Line								
Sr No.	Village Name	Taluka	District	Location No	Survey no.	Tower Base Area	Agriculture/non Agriculture	Use of Survey no
1	Dipla	Jalalpore	Navsari	AP-1	487	526.152	Govt	Tower
2	Dipla	Jalalpore	Navsari	AP-1A	496	414.733	Govt	Tower
3	Nimlai	Jalalpore	Navsari	AP-2	269	635.141	Agriculture	Tower
4	Nimlai	Jalalpore	Navsari	AP-2A	263	754.381	Agriculture	Tower
5	Nimlai	Jalalpore	Navsari	AP-2B	258	754.381	Agriculture	Tower
6	Nimlai	Jalalpore	Navsari	2B/1	307	313.644	Agriculture	Tower
7	Nimlai	Jalalpore	Navsari	2B/2	321	313.644	Agriculture	Tower
8	Nimlai	Jalalpore	Navsari	2B/3	343	313.644	Agriculture	Tower
9	Mangrol	Jalalpore	Navsari	AP-3	137	415.956	Agriculture	Tower
10	Mangrol	Jalalpore	Navsari	3/1	141	354.757	Agriculture	Tower
11	Mangrol	Jalalpore	Navsari	3/2	85	354.757	Agriculture	Tower
12	Mangrol	Jalalpore	Navsari	AP-4	73	591.803	Agriculture	Tower
13	Mangrol	Jalalpore	Navsari	4/1	42	444.577	Agriculture	Tower
14	Mangrol	Jalalpore	Navsari	4/2	26,27	313.644	Agriculture	Tower
15	Mangrol	Jalalpore	Navsari	4/3	357,358	398.402	Agriculture	Tower
16	Mangrol	Jalalpore	Navsari	AP-5	339	529.322	Agriculture	Tower
17	Mangrol	Jalalpore	Navsari	5/1	295	313.644	Agriculture	Tower
18	Mangrol	Jalalpore	Navsari	5/2	272	354.757	Agriculture	Tower
19	Parujan	Jalalpore	Navsari	5/3	331	313.644	Agriculture	Tower
20	Parujan	Jalalpore	Navsari	5/4	329	354.757	Agriculture	Tower
21	Parujan	Jalalpore	Navsari	5/5	328	354.757	Agriculture	Tower
22	Parujan	Jalalpore	Navsari	5/6	339	354.757	Agriculture	Tower
23	Parujan	Jalalpore	Navsari	AP-6	571	673.766	Agriculture	Tower
24	Parujan	Jalalpore	Navsari	6/1	555	444.577	Agriculture	Tower
25	Parujan	Jalalpore	Navsari	6/2	146	354.757	Agriculture	Tower
26	Parujan	Jalalpore	Navsari	6/3	151	398.402	Agriculture	Tower
27	Parujan	Jalalpore	Navsari	6/4	97	398.402	Agriculture	Tower

401

POWER GRID CORPORATION OF INDIA LTD.

28	Parujan	Jalalpore	Navsari	6/5	79	398.402	Agriculture	Tower
29	Parujan	Jalalpore	Navsari	6/6	122	444.577	Agriculture	Tower
30	Simalgam	Jalalpore	Navsari	6/7	159	414.733	Agriculture	Tower
31	Simalgam	Jalalpore	Navsari	6/8	198	313.644	Agriculture	Tower
32	Simalgam	Jalalpore	Navsari	6/8A	414	526.152	Agriculture	Tower
33	Simalgam	Jalalpore	Navsari	6/9	402	754.381	Agriculture	Tower
34	Simalgam	Jalalpore	Navsari	6/10	294	444.577	Agriculture	Tower
35	Simalgam	Jalalpore	Navsari	6/11	291	421.152	Agriculture	Tower
36	Chhinam	Jalalpore	Navsari	6/12	387	398.402	Agriculture	Tower
37	Mirjapur	Jalalpore	Navsari	6/13	413	398.402	Agriculture	Tower
38	Mirjapur	Jalalpore	Navsari	6/14	33	398.402	Agriculture	Tower
39	Mirjapur	Jalalpore	Navsari	AP-7	63	673.766	Agriculture	Tower
40	Mirjapur	Jalalpore	Navsari	7/1	72	360.430	NA	Tower
41	Mirjapur	Jalalpore	Navsari	7/2	168	313.644	NA	Tower
42	Mirjapur	Jalalpore	Navsari	7/3	176	313.644	NA	Tower
43	Mirjapur	Jalalpore	Navsari	7/4	178	360.430	NA	Tower
44	Mirjapur	Jalalpore	Navsari	7/5	221	398.402	Agriculture	Tower
45	Mirjapur	Jalalpore	Navsari	7/6	190	376.244	Agriculture	Tower
46	Mirjapur	Jalalpore	Navsari	7/7	192	376.244	Agriculture	Tower
47	Tavdi	Jalalpore	Navsari	AP-8	413	635.141	Agriculture	Tower
48	Tavdi	Jalalpore	Navsari	8/1	558,559	313.644	Agriculture	Tower
49	Tavdi	Jalalpore	Navsari	8/2	686	354.757	Agriculture	Tower
50	Jalalpore	Navsari Cit	Navsari	8/3	181	529.322	Agriculture	Tower
51	Jalalpore	Navsari Cit	Navsari	8/4	305	673.766	Agriculture	Tower
52	Jalalpore	Navsari Cit	Navsari	8/4A	309,307	415.956	Agriculture	Tower
53	Bodali	Jalalpore	Navsari	8/5	359	444.577	Agriculture	Tower
54	Bodali	Jalalpore	Navsari	8/6	379	398.402	Agriculture	Tower
55	Bodali	Jalalpore	Navsari	8/7	711	398.402	Agriculture	Tower
56	Bodali	Jalalpore	Navsari	8/8	658	398.402	Agriculture	Tower
57	Bodali	Jalalpore	Navsari	AP-9	1009	673.766	Agriculture	Tower
58	Pethan	Jalalpore	Navsari	9/1	362	444.577	Agriculture	Tower
59	Pethan	Jalalpore	Navsari	9/2	728	591.803	Agriculture	Tower

POWER GRID CORPORATION OF INDIA LTD.

60	Pethan	Jalalpore	Navsari	AP-9A	798	754.381	Agriculture	Tower
61	Pethan	Jalalpore	Navsari	AP-9B	831	597.656	Agriculture	Tower
62	Kothamadi	Jalalpore	Navsari	9B/1	636	354.757	Agriculture	Tower
63	Kothamadi	Jalalpore	Navsari	AP-10	606	499.344	Agriculture	Tower
64	Kothamadi	Jalalpore	Navsari	10/1	574	398.402	Agriculture	Tower
65	Aethan	Jalalpore	Navsari	10/2	297,298	398.402	Agriculture	Tower
66	Aethan	Jalalpore	Navsari	10/3	284	398.402	Agriculture	Tower
67	Aethan	Jalalpore	Navsari	AP-11	235	635.141	Agriculture	Tower
68	Aat	Jalalpore	Navsari	11/1	2029	398.402	Agriculture	Tower
69	Aat	Jalalpore	Navsari	11/2	577	398.402	Agriculture	Tower
70	Aat	Jalalpore	Navsari	11/3	612	444.577	Agriculture	Tower
71	Aat	Jalalpore	Navsari	11/4	750	591.803	Agriculture	Tower
72	Aat	Jalalpore	Navsari	11/5	723	591.803	Agriculture	Tower
73	Kalthan	Jalalpore	Navsari	11/6	63	444.577	Agriculture	Tower
74	Kalthan	Jalalpore	Navsari	11/7	71	398.402	Agriculture	Tower
75	Kalthan	Jalalpore	Navsari	AP-12	14	529.322	Agriculture	Tower
76	Abrama	Jalalpore	Navsari	12/1	321	398.402	Agriculture	Tower
77	Abrama	Jalalpore	Navsari	12/2	298,299	398.402	Govt	Tower
78	Abrama	Jalalpore	Navsari	12/3	303	376.244	Govt	Tower
79	Abrama	Jalalpore	Navsari	12/4	2755	398.402	Govt	Tower
80	Abrama	Jalalpore	Navsari	AP-12A	3006	529.322	Agriculture	Tower
81	Abrama	Jalalpore	Navsari	12A/1	2621	398.402	Agriculture	Tower
82	Abrama	Jalalpore	Navsari	12A/2	2262	398.402	Agriculture	Tower
83	Abrama	Jalalpore	Navsari	12A/3	1784	398.402	Agriculture	Tower
84	Abrama	Jalalpore	Navsari	12A/4	1781	444.577	Agriculture	Tower
85	Kharsad	Jalalpore	Navsari	12A/5	901	444.577	Agriculture	Tower
86	Kharsad	Jalalpore	Navsari	12A/6	717	376.244	Agriculture	Tower
87	Kharsad	Jalalpore	Navsari	12A/7	453	398.402	Agriculture	Tower
88	Kharsad	Jalalpore	Navsari	AP-13	365	591.803	Agriculture	Tower
89	Panar	Jalalpore	Navsari	13/1	430	444.577	Agriculture	Tower

POWER GRID CORPORATION OF INDIA LTD.

90	Panar	Jalalpore	Navsari	13/2	114	398.402	Agriculture	Tower
91	Panar	Jalalpore	Navsari	13/3	129,124	376.244	Agriculture	Tower
92	Kotha	Gandevi	Navsari	13/4	848	398.402	Agriculture	Tower
93	Kotha	Gandevi	Navsari	13/5	171	398.402	Agriculture	Tower
94	Kotha	Gandevi	Navsari	13/6	99	398.402	Agriculture	Tower
95	Kotha	Gandevi	Navsari	AP-14	307	591.803	Agriculture	Tower
96	Kotha	Gandevi	Navsari	14/1	369	404.412	Govt	Tower
97	Kotha	Gandevi	Navsari	14/2	374	313.644	Agriculture	Tower
98	Kotha	Gandevi	Navsari	14/3	906	313.644	Agriculture	Tower
99	Chhapar	Gandevi	Navsari	14/4	379,	414.733	Agriculture	Tower
100	Chhapar	Gandevi	Navsari	14/5	No survey No	450.925	Govt	Tower
101	Chhapar	Gandevi	Navsari	14/6	881	450.925	Agriculture	Tower
102	Chhapar	Gandevi	Navsari	14/7	836,979	360.430	Agriculture	Tower
103	Kalmatha	Gandevi	Navsari	14/8	1345	313.644	Agriculture	Tower
104	Kalmatha	Gandevi	Navsari	14/9	1441,1442	313.644	Agriculture	Tower
105	Kalmatha	Gandevi	Navsari	14/10	451	313.644	Agriculture	Tower
106	Morali	Gandevi	Navsari	14/11	No survey No	313.644	Govt	Tower
107	Morali	Gandevi	Navsari	AP-15	655	415.956	Agriculture	Tower
108	Morali	Gandevi	Navsari	15/1	694	313.644	Agriculture	Tower
109	Morali	Gandevi	Navsari	15/2	774,776	313.644	Agriculture	Tower
110	Morali	Gandevi	Navsari	15/3	829	360.430	Govt	Tower
111	Waghrech	Gandevi	Navsari	AP-16	No survey No	802.022	Govt	Tower
112	Goyndi Bhatla	Gandevi	Navsari	AP-17	522	802.022	Agriculture	Tower
113	Goyndi Bhatla	Gandevi	Navsari	17/1	451	360.430	Agriculture	Tower
114	Goyndi Bhatla	Gandevi	Navsari	17/2	No survey No	414.733	Govt	Tower
115	Goyndi Bhatla	Gandevi	Navsari	AP-18	53	597.656	Agriculture	Tower
116	Govandi Bhathala	Gandevi	Navsari	19/0	279	184.31	Agriculture	Tower
117	Govandi Bhathala	Gandevi	Navsari	20/0	1518, 1519, 1521, 1522	201.24	Agriculture	Tower
118	Vangam	Gandevi	Navsari	20/1	129	198.27	Agriculture	Tower
119	Vangam	Gandevi	Navsari	20/2	1287	198.27	Agriculture	Tower
120	Khaparwada	Gandevi	Navsari	20/3	586, 587	160.38	Agriculture	Tower
121	Vangam	Gandevi	Navsari	20/4	1348	165.15	Agriculture	Tower
122	Vangam	Gandevi	Navsari	20/5	1265	215.24	Agriculture	Tower
123	Vangam	Gandevi	Navsari	20/6	1231	215.24	Agriculture	Tower

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765KV New Navsari Padghe Transmission line Location details

Sr No.	Village Name	Tahsil	district	Loc No.	survey no.	tower base area	Agriculture/non agriculture	Use of Survey no
1	Ubharat	Jalalpore	Navsari	1/0	568,571	734.40	Agriculture	Tower
2	Ubharat	Jalalpore	Navsari	2/0	594	824.32	Govt	Tower
3	Ubharat	Jalalpore	Navsari	3/0	585	654.23	Agriculture	Tower
4	Nimlai	Jalalpore	Navsari	3/1	251	588.74	NA	Tower
5	Nimlai	Jalalpore	Navsari	3/2	251	655.26	NA	Tower
6	Nimlai	Jalalpore	Navsari	3/3	243	588.74	Agriculture	Tower
7	Nimlai	Jalalpore	Navsari	3/4	393,302	588.74	Agriculture	Tower
8	Nimlai	Jalalpore	Navsari	4/0	328,329	654.23	Agriculture	Tower
9	Nimlai	Jalalpore	Navsari	4/1	29,14	585.82	Agriculture	Tower
10	Mangrol	Jalalpore	Navsari	4/2	148	585.82	Agriculture	Tower
11	Mangrol	Jalalpore	Navsari	4/3	101	585.82	Agriculture	Tower
12	Mangrol	Jalalpore	Navsari	5/0	99	579.98	Agriculture	Tower
13	Mangrol	Jalalpore	Navsari	5/1	80	588.74	Agriculture	Tower
14	Mangrol	Jalalpore	Navsari	6/0	191	816.15	Agriculture	Tower
15	Mangrol	Jalalpore	Navsari	6A/0	196	922.55	Agriculture	Tower
16	Mangrol	Jalalpore	Navsari	6A/1	199	588.74	Agriculture	Tower
17	Mangrol	Jalalpore	Navsari	6A/2	212,213	588.74	Agriculture	Tower
18	Mangrol	Jalalpore	Navsari	6A/3	235	922.55	Agriculture	Tower
19	Mangrol	Jalalpore	Navsari	7/0	248,79	828.93	Agriculture	Tower
20	Karankhat	Jalalpore	Navsari	7/1	73,74	588.74	Agriculture	Tower
21	Karankhat	Jalalpore	Navsari	7/2	57	588.74	Agriculture	Tower
22	Karankhat	Jalalpore	Navsari	7/3	19,20	655.26	Agriculture	Tower
23	Parujan	Jalalpore	Navsari	8/0	344,345,349	734.40	Agriculture	Tower
24	Parujan	Jalalpore	Navsari	8/1	360	588.74	Agriculture	Tower
25	Parujan	Jalalpore	Navsari	8/2	552	588.74	Agriculture	Tower
26	Parujan	Jalalpore	Navsari	8/3	549	588.74	Agriculture	Tower
27	Parujan	Jalalpore	Navsari	8/4	143	588.74	Agriculture	Tower
28	Daki	Jalalpore	Navsari	8/5	151,152	588.74	Agriculture	Tower
29	Daki	Jalalpore	Navsari	8/6	94	588.74	Agriculture	Tower
30	Daki	Jalalpore	Navsari	8/7	90	655.26	Agriculture	Tower
31	Simalgam	Jalalpore	Navsari	8/7A	119	588.748	Agriculture	Tower
32	Simalgam	Jalalpore	Navsari	8/8	162	649.67	Agriculture	Tower
33	Simalgam	Jalalpore	Navsari	8/9	171	649.67	Agriculture	Tower
34	Simalgam	Jalalpore	Navsari	8/9A	205	588.74	Agriculture	Tower
35	Simalgam	Jalalpore	Navsari	8/10	219	655.26	Agriculture	Tower
36	Simalgam	Jalalpore	Navsari	8/11	262	655.26	Agriculture	Tower

405

POWER GRID CORPORATION OF INDIA LTD.

37	Smalgam	Jalalpore	Navsari	8/12	287	588.74	Agriculture	Tower
38	Chinnam	Jalalpore	Navsari	8/13	379	588.74	Agriculture	Tower
39	Chinnam	Jalalpore	Navsari	8/14	367	588.74	Agriculture	Tower
40	Mirjapore	Jalalpore	Navsari	8/15	12	798.97	Agriculture	Tower
41	Mirjapore	Jalalpore	Navsari	9/0	19	649.67	Agriculture	Tower
42	Mirjapore	Jalalpore	Navsari	9/1	59,60	798.97	Agriculture	Tower
43	Mirjapore	Jalalpore	Navsari	9/2	151	656.71	Agriculture	Tower
44	Mirjapore	Jalalpore	Navsari	9/3	172	588.74	NA	Tower
45	Mirjapore	Jalalpore	Navsari	9/4	178,177	588.74	NA	Tower
46	Mirjapore	Jalalpore	Navsari	9/5	182	655.26	Agriculture	Tower
47	Mirjapore	Jalalpore	Navsari	9/6	190	588.74	Agriculture	Tower
48	Tavdi	Jalalpore	Navsari	9/7	560	655.26	Agriculture	Tower
49	Tavdi	Jalalpore	Navsari	10/0	963,964	654.23	Agriculture	Tower
50	Tavdi	Jalalpore	Navsari	10/1	410	588.74	Agriculture	Tower
51	Tavdi	Jalalpore	Navsari	11/0	559	656.71	Agriculture	Tower
52	Jalalpore	Jalalpore	Navsari	12/0	210,171,168,211	656.71	Agriculture	Tower
53	Jalalpore	Jalalpore	Navsari	12/1	297	824.32	Agriculture	Tower
54	Jalalpore	Jalalpore	Navsari	12/2	321,363	734.40	Agriculture	Tower
55	Bodali	Jalalpore	Navsari	13/0	749,748,769	655.26	Agriculture	Tower
56	Bodali	Jalalpore	Navsari	13/1	790,793	588.74	Agriculture	Tower
57	Bodali	Jalalpore	Navsari	13/2	836,833	588.74	Agriculture	Tower
58	Bodali	Jalalpore	Navsari	13/3	853	588.74	Agriculture	Tower
59	Pethan	Jalalpore	Navsari	13/4	132,133,134	588.74	Agriculture	Tower
60	Jalalpore	Jalalpore	Navsari	14/0	872	824.32	Agriculture	Tower
61	Jalalpore	Jalalpore	Navsari	15/0	938,937,398	824.32	Govt.	Tower
62	eroo	Jalalpore	Navsari	15A/0	391,460,401,390	734.40	Govt.	Tower
63	eroo	Jalalpore	Navsari	15A/1	379	588.74	Agriculture	Tower
64	Ethan	Jalalpore	Navsari	15A/2	57	588.74	Agriculture	Tower
65	Ethan	Jalalpore	Navsari	15A/3	79,110	588.74	NA(110)	Tower
66	Ethan	Jalalpore	Navsari	15A/4	168	588.74	Agriculture	Tower
67	Bhutsad	Jalalpore	Navsari	16/0	420,422	828.93	Agriculture	Tower
68	Bhutsad	Jalalpore	Navsari	16A/0	392	824.32	Agriculture	Tower
69	Bhutsad	Jalalpore	Navsari	17/0	312,315,316	824.32	Agriculture	Tower
70	Bhutsad	Jalalpore	Navsari	17A/0	275,276	828.93	Agriculture	Tower
71	Bhutsad	Jalalpore	Navsari	17A/1	261 and 262	655.26	Agriculture	Tower
72	Mandir	Jalalpore	Navsari	17A/2	947	655.26	Agriculture	Tower
73	Mandir	Jalalpore	Navsari	17A/3	961,962	588.74	Agriculture	Tower
74	Mandir	Jalalpore	Navsari	17A/3A	991,992	588.74	Agriculture	Tower
75	Mandir	Jalalpore	Navsari	17A/4	986	588.74	Agriculture	Tower

POWER GRID CORPORATION OF INDIA LTD.

76	Mandir	Jalalpore	Navsari	17A/5	1066, 1070	734.40	Agriculture	Tower
77	Mandir	Jalalpore	Navsari	17A/6	1084	732.96	Agriculture	Tower
78	Abarna	Jalalpore	Navsari	17A/7	571	588.74	Agriculture	Tower
79	Abrama	Jalalpore	Navsari	17A/8	545	588.74	Agriculture	Tower
80	Abrama	Jalalpore	Navsari	17A/9	511	588.74	Agriculture	Tower
81	Abrama	Jalalpore	Navsari	18/0	463	649.67	Agriculture	Tower
82	Abrama	Jalalpore	Navsari	18/1	1282	588.74	Agriculture	Tower
83	Abrama	Jalalpore	Navsari	19/0	123,012,311,232	654.23	Agriculture	Tower
84	Abrama	Jalalpore	Navsari	19/1	1210, 1211	883.22	Agriculture	Tower
85	Abrama	Jalalpore	Navsari	19/2	1196	655.26	Agriculture	Tower
86	Saray	Jalalpore	Navsari	19/3	746, 674, 673	922.55	Agriculture	Tower
87	Saray	Jalalpore	Navsari	20/0	518, 583, 582	1019.75	Agriculture	Tower
88	Saray	Jalalpore	Navsari	20/1	490 & 491	883.22	Agriculture	Tower
89	Saray	Jalalpore	Navsari	20/2	347	655.26	Agriculture	Tower
90	Kharsad	Jalalpore	Navsari	20/3	1498	655.26	Agriculture	Tower
91	Kharsad	Jalalpore	Navsari	20/4	14,804,481	655.26	Agriculture	Tower
92	Kharsad	Jalalpore	Navsari	20/5	1806	655.26	Agriculture	Tower
93	Kharsad	Jalalpore	Navsari	21/0	1760, 1761	654.23	Agriculture	Tower
94	Kotha	Gandevi	Navsari	21/1	710	879.66	Agriculture	Tower
95	Kotha	Gandevi	Navsari	21/2	701	588.74	Agriculture	Tower
96	Kotha	Gandevi	Navsari	21/3	659, 691 & 693	655.26	Agriculture	Tower
97	Kotha	Gandevi	Navsari	21/4	637	588.74	Agriculture	Tower
98	Kotha / Vasan	Gandevi	Navsari	22/0	617, 505	654.23	Agriculture	Tower
99	Kotha	Gandevi	Navsari	22/1	369	883.22	Govt.	Tower
100	Vasan	Gandevi	Navsari	22/2	585	588.74	Govt.	Tower
101	Vasan	Gandevi	Navsari	22/3	854, 653, 655	588.74	Agriculture	Tower
102	Chappar	Gandevi	Navsari	22/4	1456, 1455, 1448	655.26	Agriculture	Tower
103	Chappar	Gandevi	Navsari	22/5	1286, 1329, 1328	588.74	Agriculture	Tower
104	Chappar	Gandevi	Navsari	23/0	1248, 1249	732.96	Agriculture	Tower
105	Chappar	Gandevi	Navsari	23/1	1147	655.26	Govt.	Tower
106	Chappar	Gandevi	Navsari	23/2	942, 943, 944, 1147	588.74	Agriculture	Tower
107	Kalamtha	Gandevi	Navsari	23/3	1566, 1565, 1561, 1558	588.74	Agriculture	Tower
108	Kalamtha	Gandevi	Navsari	23/4	1489,	588.74	Agriculture	Tower
109	Kalamtha	Gandevi	Navsari	23/5	389, 388, 384, 383, 382	588.74	Agriculture	Tower
110	Morali Falia	Gandevi	Navsari	23/6	1056, 1057, 1047, 1046	588.74	Agriculture	Tower
111	Morali Falia	Gandevi	Navsari	24/0	1030, 651	816.15	Govt(1030)	Tower
112	Morali Falia	Gandevi	Navsari	24/1	597, 779	588.74	Agriculture	Tower
113	Morali Falia	Gandevi	Navsari	24/2	781, 589	588.74	Agriculture	Tower
114	Vaghnech	Gandevi	Navsari	24/3	909	740.31	Agriculture	Tower

407

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115	Vaghrech	Gandevi	Navsari	25/0	931, 930, 908, 902, 909	1351.82	Agriculture	Tower
116	Govanshi Bathala	Gandevi	Navsari	26/0	511, 524	1351.82	Agriculture	Tower
117	Govanthi Bathala	Gandevi	Navsari	26/1	433, 441	883.22	Agriculture	Tower
118	Govanthi Bathala	Gandevi	Navsari	26/2	333, 335, 336	588.74	Agriculture	Tower
119	Govanthi Bathala	Gandevi	Navsari	27/0	1166, 1170	828.93	Agriculture	Tower
120	Khaparwada	Gandevi	Navsari	28/0	1843, 1844	824.32	Agriculture	Tower
121	Govanthi Bathala	Gandevi	Navsari	28/1	1381, 1362, 1385	588.74	Agriculture	Tower
122	Vangam	Gandevi	Navsari	29/0	101, 102	734.40	Agriculture	Tower
123	Khaparwada	Gandevi	Navsari	29/1	1040, 1042, 1044, 1045, 1046, 1048	588.74	Agriculture	Tower
124	Khaparwada	Gandevi	Navsari	30/0	962	828.93	Agriculture	Tower
125	Khaparwada	Gandevi	Navsari	31/0	781, 778, 780, 773, 753	732.96	Agriculture	Tower
126	Khaparwada	Gandevi	Navsari	31/1	700	588.74	Agriculture	Tower
127	Khaparwada	Gandevi	Navsari	32/0	592, 593	828.93	Agriculture	Tower

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Annx-54

B/C

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड

(भारत सरकार का उपक्रम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System –II, Regional Headquarters

Ref: WR-2 / New Navsari /TLC//765kV /Dec 23/1

Date: 26/12/2023

To,
The Superintendent of Police
District - Navsari,
Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada and 765kV D/C New Navsari -Padhge transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- **Request for the police protection from the period of 02.01.2024 to 02.02.2024.**

Our earlier letter ref no:
(1) WR-2 / New Navsari /TLC//765kV/400kV/Dec;23/1 dtd 01.12.2023

Dear Sir,

This has reference to our earlier letter dtd 01.12.2023, regarding police protection for the construction of 400kV M/C New Navsari – Magarwada line and 765kV D/C New Navsari -Padhge transmission line.

It is to mention here that, after hearing cases under section 16(1), orders have been issued by District Magistrate Navsari in various villages under Navsari district.

Accordingly, we are planning to start the construction activity progressively in the following villages.

Sl No	Name of village	Taluka	Concern Thana
1	Ubrat	Jalalpore	Maroli Thana
2	Nimlai	Jalalpore	Maroli Thana
3	Mangrol	Jalalpore	Maroli Thana
4	Parujan	Jalalpore	Maroli Thana
5	Simalgam	Jalalpore	Maroli Thana
6	Mirjapore	Jalalpore	Maroli Thana
7	Tavdi	Jalalpore	Maroli Thana
8	Karankat	Jalalpore	Maroli Thana
9	Dalki	Jalalpore	Maroli Thana
10	Chinam	Jalalpore	Maroli Thana

In view of above, it is requested kindly provide the police protection from the period of 02.01.2024 to 02.02.2024 for the construction work of 400kV M/C New Navsari – Magarwada and 765kV D/C New Navsari -Padhge transmission line.

Yours sincerely,

26/12/23

D K Gupta
Sr GM New Navsari

CC: Collector Navsari :- For kind Inf please.

Received
20/12/2023

House no -05 and 06 Cristal bungalow, Tighara Road, near Aaknanda society-396445
Email id :- newnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटुशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Annx-55

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटे
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITE
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पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarte

Ref: WR-2 / New Navsari /TLC/400kV/765kV /Jan,24/1 Date: 01/01/2024

To,
The Mamlatdar, Jalalpore
District - Navsari, Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line and 765kV New Navsari – Padhge line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B:- Request for the administration support for the execution of project reg.

Dear Sir,

This has reference to the Construction of 400kV M/C New Navsari – Magarwada transmission line and 765kV D/C New Navsari – Padhge line in Navsari district.

As informed by SP Navsari office, the police protection for the construction of above projects in Village Ubrat, Nimlai, Mangrol, Parujan, Simalgam, Mirjapore, Tavdi, Karankat, Dalki and Chinam taluka Jalalpore under Navsari district will be provided from 02.01.2024 to 16.04.2024, accordingly you are requested to please depute the executive Magistrate and other revenue officials at above villages to smooth execution construction activity for 15 days.

Thanking You,

Yours sincerely,

S Muralidharan
GM New Navsari

1/1/24

CC:- SDM , Navsari – For kind Information.

0/C

1/1/24
પ્રાપ્ત કરી નવસારી
મુ. કાંડીયાવાડી
તા. જી. નવસારી
પીન કોડ નં.- ૩૯૬ ૪૨૫

House no -05 and 06 Cristal bungalow, Tighara Road, near Mahnanda society-396445
Email id :- nwnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

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पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटे
(भारत सरकार का उपक्र
POWER GRID CORPORATION OF INDIA LIMITE
(A Government of India Enterpri
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquar

Ref: WR-2 / Navsari/TLC/ROW/ Jan.24/

Date: 18/01/2024

To,
The Deputy Collector
Stamp Duty Revenue Department
District - Navsari,
Gujarat.

Sub: Construction of 765kV D/C New Navsari – Padhge transmission line and 400KV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.-Request for NA land Jantri rate and Ownership details.

Dear Sir,

POWERGRID (A Govt of India Enterprises under Ministry of Power), a CPSU under Ministry of Power, Govt of India has been mandated to implement transmission system and EHV substation across the country.

As per the Letter Ref NO. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003, Ministry of Power and Govt. of India has directed Power grid to carry out the construction of 765kV D/C New Navsari – Padhge transmission line and 400KV M/C New Navsari – Magarwada transmission line.

The above transmission line is traversing through various villages in Navsari district and progress work affected badly due to severe ROW issues. ROW issue is being taken up with district administration and to resolve the disputes, POWERGRID has filed section 16(1) applications and order also passed by district magistrate to start the construction activity under police protection.
However, at few locations section 16 case order not received due to unavailability of Jantri rates. Also, some cases ownership details are not available in records.

The details of such survey no where jantry rate/ ownership details is required are given below.

Name of Line :- 400kV M/C New Navsari – Magarwada line

Sr.no.	Loc. No.	Survey No.	Village/Tehsil/District	Type of land	Remarks
1	7/1	72	Mirjapur/Jalapore/ Navsari	NA land	Jantri rate not found
2	7/2	168	Mirjapur/Jalapore/ Navsari	NA land	Jantri rate not found
3	7/3	176	Mirjapur/Jalapore/ Navsari	NA land	Jantri rate not found
4	7/4	178	Mirjapur/Jalapore/ Navsari	NA land	Jantri rate not found

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Email id :- nwnavsari@powergrid.co.in

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5	5/0	339	Mangrol/Jalapore/ Navsari	Pvt Land	Jantri rate not found
6	6/4	97	Parujan/Jalapore/ Navsari	Pvt Land	Jantri rate not found
7	8/6	379	Bodali/Jalapore/ Navsari	Pvt Land	Jantri rate not found

Name of Line :- 765kV D/C New Navsari – Padhge line

Sr.no.	Loc. No.	Survey No.	Village/Tehsil/District	Type of land	Remarks
1	3/1	251	Nimlai/Jalalpore/Navsari	NA	Jantri rate not found
2	3/2	251	Nimlai/Jalalpore/Navsari	NA	Jantri rate not found
3	9/3	172	Mirjapor/Jalalpore/Navsari	NA	Jantri rate not found
4	9/4	178	Mirjapor/Jalalpore/Navsari	NA	Jantri rate not found
5	15A/3	110	Aethan/Jalalpore/Navsari	NA	Jantri rate not found
6	15A/1	379	Eroo/Jalalpore/Navsari	NA	Ownership data not available at site

In view of above, it is requested to please provide the Jantry rate and ownership details of above survey number, so that construction work can be taken up in above location with the help of administration.

Thanking you,

Yours sincerely,

(S Muralidharan)
General Manager New Navsari

Annx-57

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / New Navsari /TLC/400kV/765kV /March,24/158 Date: 04.03.2024

To,
The Collector & District Magistrate
District - Navsari, Gujarat.

Sub: Construction of (i) 400kV M/C New Navsari – Magarwada transmission line and (ii)765kV D/C New Navsari – Padhge line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- Regarding administration and police support to execute the balance works.

Respected Madam,

POWERGRID Corporation of India Limited (Govt. of India Enterprise) is under constructing subject lines in Gujarat to increase its ATC from ISTS: Part B. This project under Ministry of Power, Govt of India and being monitored by Hon'ble Prime Minister of INDIA under Pragati. The above transmission lines are transverse through Jalalpore and Gandevi taluka covering around 25 villages in Navsari district.

It is pertinent to mention that with the support from district administration, we have completed following foundation works in 400kV M/C New Navsari – Magarwada transmission line and 765kV New Navsari – Padhge line in Navsari district.

Sl No	Name of line	Total Qty	Completed	Balance
1	400kV M/C New Navsari – Magarwada transmission line	123	85	38
2	765kV D/C New Navsari – Padhge line	127	35	92
	Total	250	120	130

It has planned to commission 400kV M/C New Navsari – Magarwada transmission line by June,24 and 765kV D/C New Navsari – Padhge line by Oct,24. (Completion plan attached).

In view of above, it is requested to extend your support with necessary police protection in Jalalpore and Gandevi taluka for completion of balance work as per targeted schedule.

Thanking You,

Yours sincerely,

04/03/2024.

(C D Kishore)
Chief General Manager
(New Navsari)

Encl: As above-01 sheet.
Enclosure

House no -05 and 06 Cristal bungalow, Tighara Road, near alaknanda society-396445
Email id :- newnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटुशनल एरिया, कटवारिया सराय, नई दिल्ली– 110 016
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POWER GRID CORPORATION OF INDIA LTD.

District - Navsari (Completion Plan)

Name of TL	Distt	Activity	Total	Completed Till Feb'24	Balance	Completion Plan									
						March'24	April'24	May'24	June'24	July'24	Aug'24	Sept'24	Oct'24	Nov'24	Dec'24
400kV M/c Navsari-Magarwada	Navsari	Foundation (Nos)	123	85	38	38									
		Erection (Nos)	123	21	102	30	35	37							
		Stringing (Km)	46.5	0	46.5		10	18	18.5						
765kV D/c Navsari - Padghe	Navsari	Foundation (Nos)	127	35	92	25	25	25	17						
		Erection (Nos)	127	2	125	20	21	22	16	15	15	16			
		Stringing (Km)	47	0	47		10	10	6	5	5	5	6		
TOTAL	Navsari	Foundation (Nos)	250	120	130	63	25	25	17						
		Erection (Nos)	250	23	227	50	56	59	16	15	15	16			
		Stringing (Km)	93.5	0	93.5	0	20	28	24.5	5	5	5	6		

414

04/03/24

Annx – 58

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(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 / New Navsari /TLC/400kV/765kV /March,24 Date: 14.03.2024

To,

The Collector & District Magistrate
District - Valsad, Gujarat.

Sub: Construction of (i) 400kV M/C New Navsari – Magarwada transmission line, ii) 400KV D/C Magarwada Kala Line and (iii)765kV D/C New Navsari – Padhge line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B.- **Regarding administration and police support to execute the balance works.**

Respected sir,

POWERGRID Corporation of India Limited (Govt. of India Enterprise) is under constructing subject lines in Gujarat to increase its ATC from ISTS: Part B. This project under Ministry of Power, Govt of India and being monitored by Hon'ble Prime Minister of INDIA under **PRAGATI.** The above transmission lines are transverse through Valsad, Pardi, Umargam and Vapi taluka covering around 59 villages in Valsad district.

It is pertinent to mention that with the support from district administration, execution of work is under progress in 400kV M/C New Navsari – Magarwada transmission line ,400KV D/C Magarwada – Kala line and 765kV New Navsari – Padhge line in Valsad district and the completion schedule of line is tabulated below.

Sl No	Name of line	Total Towers	Completed (Foundation)	Balance	Completion Schedule
1	400kV M/C New Navsari – Magarwada transmission line	126	74	52	Foundation – April'24 Erection –May'24 Stringing – June'24
2	765kV D/C New Navsari – Padhge line	228	144	84	Foundation – June'24 Erection – Sept'24 Stringing-Sept'24
3	400kV D/C Magarwada – Kala transmission line	60	24	36	Foundation – April'244 Erection – July'24 Stringing- July'24
	Total	414	242	172	

Taluka - Wise Completion Plan attached.

WR II New Navsari TLC Office House No.5 Crystal Bungalows Tighara Road Near Shiv Parvati Society Navsari Gujarat 396445
क्षेत्रीय मुख्यालय : प्लॉट नं.-84, रिया-रेवती रिज़ॉर्ट के पास, समा-सावली रोड, वडोदरा – 390 009(गुजरात) -
Regional Head Office : Plot no.-84, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara – 390 009(Gujarat)
दूरभाष/Phone: (O) 0265-2487541, फैक्स/Fax: 0265-2487544 email:newnavsari@powergrid.co.in
पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटयूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016

In view of above, it is requested to extend your support with necessary police protection in Valsad, Pardi, Vapi and Umargam taluka for completion of balance work as per targeted schedule.

Thanking You,

Yours sincerely,

-(C D Kishore)
Chief General Manager
(New Navsari)

Encl: As above-01 sheet.

Valsad District Planning															
Name of Line	Activity	Name of taluka	District	Total Qty	Completed	Balance	Completion Plan								
							March,24	Apr,24	May,24	June,24	July,24	Aug,24	Sept,24	Oct,24	
765KV New Navsari Padghe line	Foundation	Valsad	Valsad	94	87	7	7								
		Pardi		33	32	1	1								
		Kaprada		86	25	61	16	18	10	7					
		Total		213	144	69	24	18	10	7					
	Erection	Valsad	Valsad	94	16	78	10	14	16	15	6	5	12		
		Pardi		33	29	4	1	3							
		Kaprada		86	15	71	10	14	16	15	6	6	4		
		Total		213	60	153	21	31	32	30	12	11	16		
	Stringing	Valsad	Valsad	32.3	0	32.3	0.9	4	6	12.4	5	2	2		
		Pardi		12.388	2.388	10	2	5	3						
		Kaprada		33.7	0	33.7	2	8	6	8.15	5	5	2.55		
		Total													
400KV M/C Navsari Magarwada Line	Foundation	Valsad	Valsad	68	61	7	7								
		Pardi		43	11	32	17	15							
		Vapi		15	2	13	2	11							
		Total		126	74	52	26	26							
	Erection	Valsad		68	20	48	30	18							
		Pardi		43	2	41	10	22	9						
		Vapi		15	2	13			13						
		Total		126	24	102	40	40	22						
	Stringing	Valsad		22.327	0	22.327	10	11	1.327						
		Pardi		17.39	0	17.39			10	7.39					
		Vapi		5.23	0	5.23				5.23					
		Total		44.947	0	44.9	10.0	11.0	11.3	12.6					
400KV D/C Magarwada kala Line	Foundation	Umargam	Valsad	60	23	37	22	16							
	Erection	Umargam	Valsad	60	1	59	10	15	15	15	4				
	Stringing	Umargam	Valsad	19.77	0	19.77		0	5	10	4.77				

447

POWER GRID CORPORATION OF INDIA LTD.

16/02/24.
C.D.K. GUPTA
Sr GM, POWERGRID
NEW NAVSARI

Annx – 59

पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarte

Ref.: WR–II/New Navsari/TLC/March.24 Dated: 22.03.2024

To
The SDM
Navsari District

Respected Sir,

Sub: **Construction of Transmission Lines by POWERGRID in Navsari District - Assessment of crop/Tree compensation by Revenue Department - Review & Approval of format to expedite the crop/tree assessment process – reg**

At the outset, while conveying our sincere thanks to District Administration in resolving the ROW issues in the district of Navsari, we would to like to seek your support and guidance in expediting the crop/tree damages assessments so as to process the due to compensation to the affected farmers in a time bound manner.

At present the assessment proposal towards crop and tree damages are prepared by POWERGRID with the required support documents and being submitted to concerned Circle Officer for certification. On receipt of the assessment reports, the payments are released through online to the affected famers bank account. In this process due to pre-occupation of revenue officials, the assessment reports are getting delayed, which intern delaying the payment, resulting in fresh ROW issues at site and stoppage of further works by the affected farmer.

In view to simplify the procedure and to expedite the due compensations to the affected farmers, two formats are devised and attached as Form-1 for Crop Compensation and Form-2 towards Tree compensation. Form-1 is proposed to be certified by Talati/Village Officer and Form-2 by concerned Circle Officer.

On receipt of above forms by POWERGRID, the compensation towards crop damages shall be processed in line with the order issued at District Level vide letter dtd 24.02.2023 wherein unit rates for damages towards different crops were notified for the subject Transmission Line Project.

In respect of Trees, rates were already notified by Govt Of Gujarat vide LAQ/22/2018/1550/G dt 13.07.2023 for various trees and the same shall be adopted for arriving the compensation to be paid to the affected farmers.

It is requested to arrange to issue a suitable direction to concerned officials and oblique.

Thanks & Regards,

Your Truly
For and behalf POWERGRID

[S MURLIDHARAN]
General Manager (Navsari)

CC:- Collector Navsari – For kind inf please

House no.-05 and 06 Cristal bungalow, Tighora Road, near alaknanda society-396445
Email Id :- newnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटयूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

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पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System –II, Regional Headquarters

Ref: WR-2 / New Navsari /TLC/400kV/ section 16 cases Date: 28/03/2024

To,
The Collector & District Magistrate
District - Navsari, Gujarat.

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to Increase Its ATC from ISTS: Part B. – Regarding completion foundation against the application filed under 16(1)

Respected madam,

This has reference to the Construction of 400kV M/C New Navsari – Magarwada transmission line.

The following section 16 (1) application filed to resolve the dispute; however the foundation work was completed after mutual discussion and acceptance of work notice by land owner/ farmer.

Sl No	Loc no	Village Name	Case no	Name of land owner
1	7/1	Mirjapore	127	Atul Sureshchandra Ialvani
2	7/2	Mirjapore	128	Neha Nileshbhai Patel
3	7/3	Mirjapore	124	Colourtex Industry
4	7/4	Mirjapore	131	Jayntilal Thakordas Jariwala
5	11/4	Aat	235	Bhalabhai Ramabhai
6	8/3	Jalalpore	236	Bhanabhai Chhanabhai
7	8/4A	Jalalpore	237	Jayntibhai kanjibhai and etc.
8	8/4	Jalalpore	238	Lilaben Lallubhai
9	8/4A	Jalalpore	239	Maganbhai kanjibhai and etc
10	8/6	Bodali	240	Dhirubhai Fakirbhai
11	6/8	Simalgam	241	Vinodbhai Khandubhai
12	6/8A	Simalgam	242	Sanjay Ramanbhai Bhandari
13	6/6	Simalgam	243	Ramaben Chimanbhai and etc
14	6/6	Simalgam	244	Haribhai Ravjibhai

This is for your kind information please

Thanking You,

Yours sincerely,
S Muralidharan
GM New Navsari

Received
28/3/24
दर्शकुमार शर्मा
ગ્રેડ-૨ કલેક્ટર
નવસારી

House no -05 and 06 Cristal bungalow, Tighara Road, near alaknanda society-396445
Email id :- nwnavsari@powergrid.co.in

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Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

POWER GRID CORPORATION OF INDIA LTD.

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पावरग्रिड POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटे
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पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System -II, Regional Headquart

Ref: WR-2 /New Navsari /TLC/NMTL/Admin/172

Date: 15/05/2024

To,
The Collector & District Magistrate
District - Navsari, Gujarat

Sub:- Regarding stoppage of sand mining work near Tower location no-7/1 & 7/2 of under construction 400KV M/C New Navsari – Magarwada transmission line at village-Mirjapore, Taluka- Jalalpore, Dist:-Navsari.

Dear Sir,

As you are aware that, as per the direction of Ministry of Power and Govt. of India, POWERGRID is constructing 400KV M/C New Navsari–Magarwada transmission line, as per the Letter Ref NO. I/20218/2022, Dated: 04.02.2022 under Sub-Section (1) of Section 68 of Indian Electricity Act 2003 (Copy enclosed).

With the support of local administration and Police force, the construction work of above Transmission line is going on in full swing; which has been targeted to be commissioned by Sep'24.

Recently, in due course of construction, nearby our Tower location no-7/1 & 7/2 at village- Mirjapore, Taluka-Jalalpore, Dist:-Navsari, some sand mining work has been observed (few photographs enclosed). The details of land owners at the above tower locations, where the sand mining work is going on are as follows:-

Sl. NO.	Details of land owner	Remarks
01	Sh. Atul Sureshchandra Lalvani, Survey no-72 Village-Mirjapore,Taluka-Jalalpore, Dist-Navsari	Tower loc. No-7/1
02	Smt. Neha Nileshbhai Patel, Survey no-168 Village-Mirjapore, Taluka-Jalalpore, Dist-Navsari	Tower loc. No-7/2

As per Regulation 65 of Central Electricity Authority (measures relating to safety and electric supply) Regulations, 2010, "No cutting of soil within ten meters from the tower structure of 132 kV and above voltage level shall be permitted without the written permission of the owner of tower structure" (Copy enclosed).

Considering the CEA guidelines and safety measures to avoid tower collapse, it is requested to intervene in the above matter of sand mining work and requesting to instruct the involved personals to restrict/stop the mining work near the tower locations of above Tr. line.

Your early action and kind support is highly solicited to ensure the timely completion of the aforesaid projects of National importance.

Thanking you

Your's Sincerely

(S Muralidharan)
General Manager
POWERGRID/New Navsari

POWER GRID CORPORATION OF INDIA LTD.

House no.-05 and 06 Cristal bungalow, Tighara Road, near alakmanda society-396445
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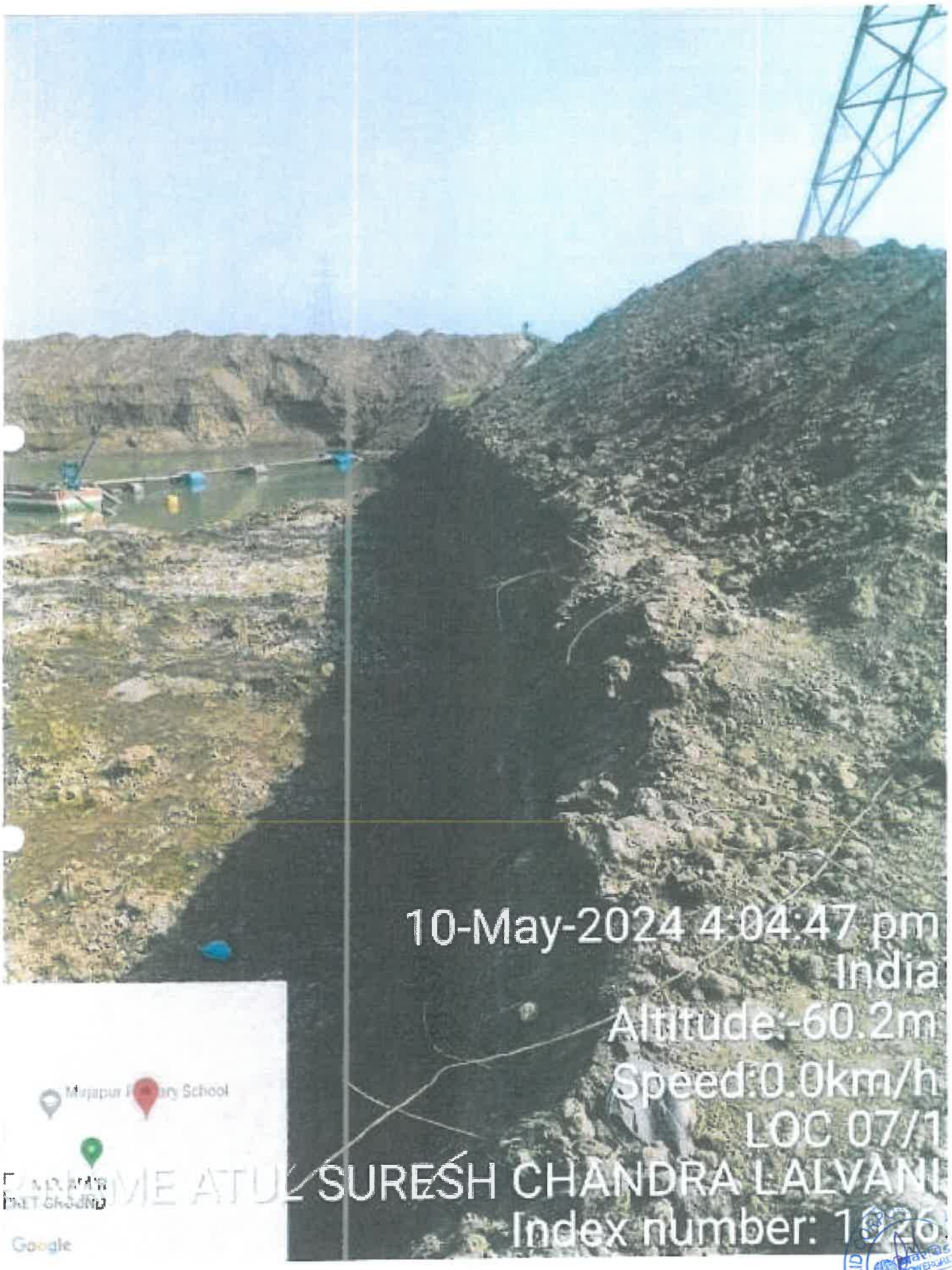
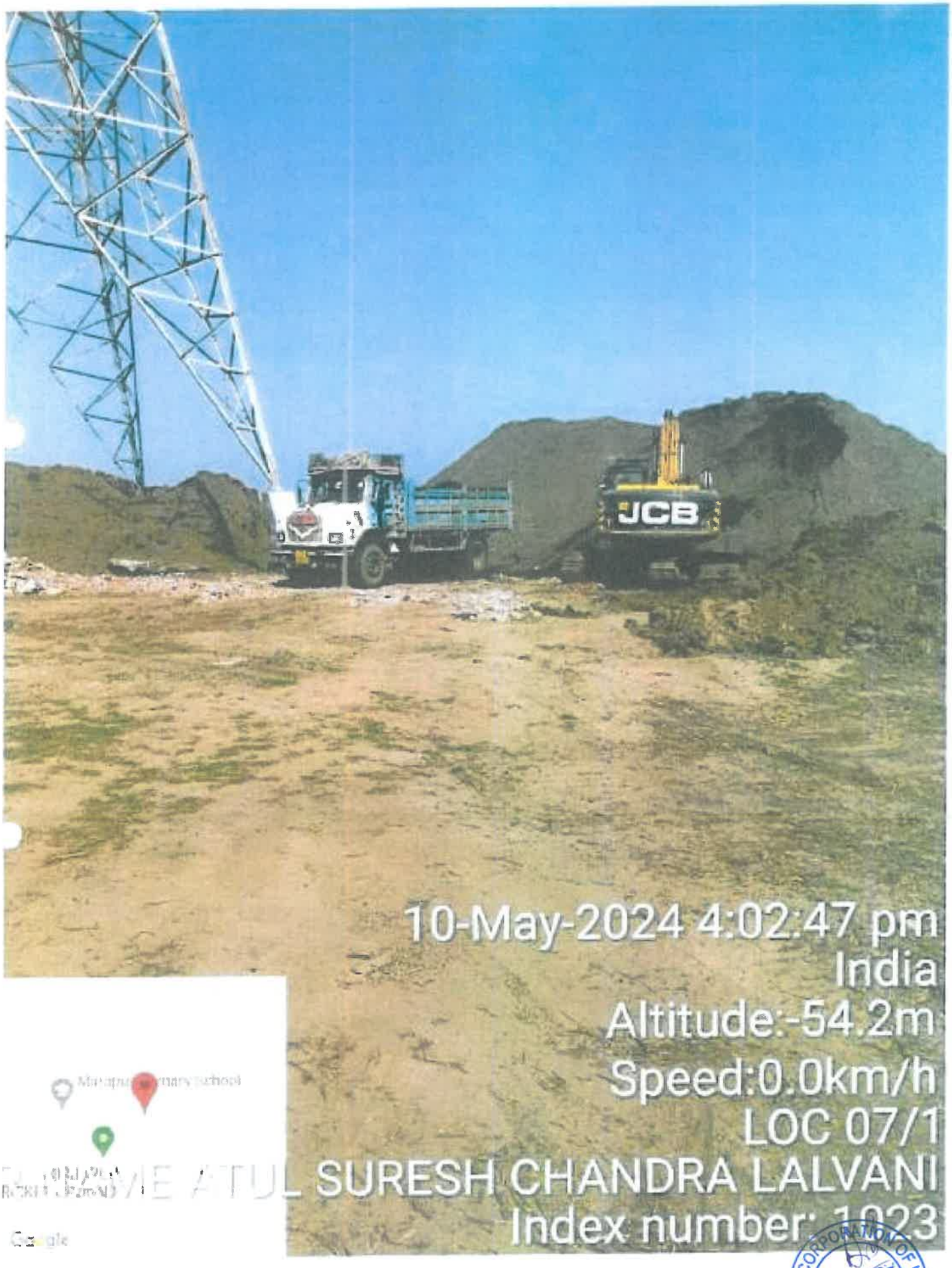
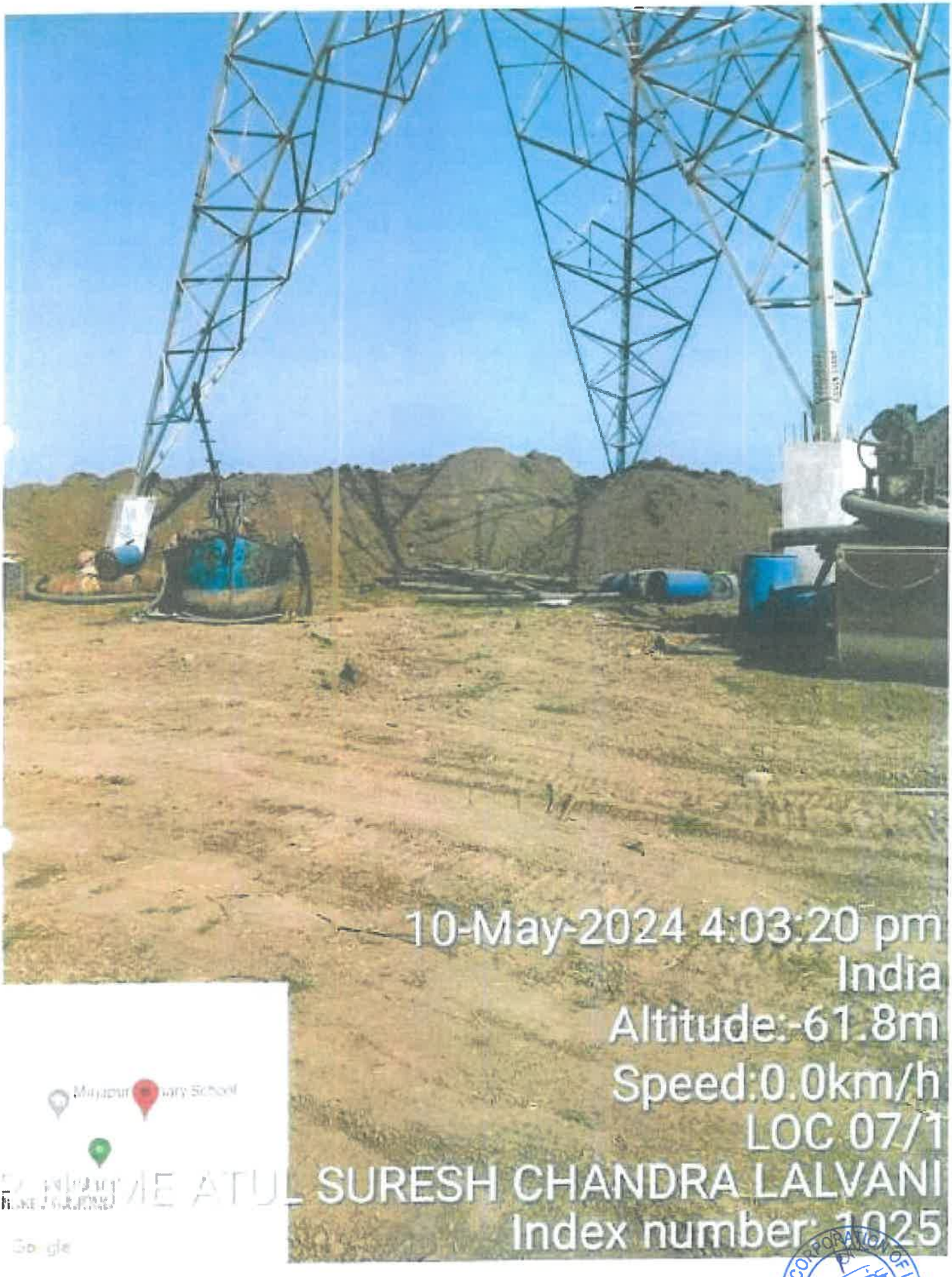

10-May-2024 4:04:47 pm
India
Altitude:-60.2m
Speed:0.0km/h
LOC 07/1
SURESH CHANDRA LALVANI
Index number:
Google


JCB
10-May-2024 4:02:47 pm
India
Altitude:-54.2m
Speed:0.0km/h
LOC 07/1
SURESH CHANDRA LALVANI
Index number: 1023


10-May-2024 4:03:20 pm
India
Altitude:-61.8m
Speed:0.0km/h
LOC 07/1
SURESH CHANDRA LALVANI
Index number: 1025

has certified that the provisions of regulation 58, 60 and 61 should not be contravened either during or after the aforesaid construction:

Provided that the Electrical Inspector may, if he is satisfied that the overhead line has been so guarded as to secure the protection of persons or property from injury, certify that the work may be executed prior to the alteration of the overhead line or in the case of temporary addition or alteration, without alteration of the overhead line.

(7) The supplier or owner shall, on receipt of such deposit, alter the overhead line in such a way that it does not contravene the provisions regulation 58, 60 and 61 either during or after such construction within two months from the date of such deposit or within such longer period as the Electrical Inspector may allow.

64. Transporting and storing of material near overhead lines.- (1) No rods, pipes or similar materials shall be taken below, or in the vicinity of, any bare overhead conductors or lines if these contravene the provisions of regulations 60 and 61 unless such materials are transported under the direct supervision of a person designated in this behalf by the owner of such overhead conductors or lines.

(2) No rods, pipes or other similar materials shall be brought within the flash over distance of bare live conductors or lines.

(3) No material or earth-work or agricultural produce shall be dumped or stored, no trees grown below or in the vicinity of, bare overhead conductors, or lines to contravene the provision of regulations 60 and 61.

(4) No flammable material shall be stored under the electric supply line.

(5) No fire shall be allowed above underground cables.

(6) Firing of any material below electric lines shall be prohibited.

65. General clearances.- (1) For the purpose of computing the vertical clearance of an overhead line, the maximum sag of any conductor shall be calculated on the basis of the maximum sag in still air and the maximum temperature as specified under regulations 57 and computing any horizontal clearance of an overhead line the maximum deflection of any conductor shall be calculated on the basis of the wind pressure specified under regulations 57.

(2) No blasting for any purpose shall be done within 300 metres from the boundary of a sub-station or from the electric supply lines of voltage exceeding 650 V or tower structure thereof without the written permission of the owner of such sub-station or electric supply lines or tower structures and in case of mining lease hold area, without the written permission of the Inspector of Mines.

(3) No cutting of soil within ten meters from the tower structure of 132 kV and above voltage level shall be permitted without the written permission of the owner of tower structure.

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पावरग्रिड POWERGRID

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(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 /New Navsari /TLC/NMTL/Land Comp/ 137 Date: 22-05-2024

To,
The SDM, Navsari
District - Navsari, Gujarat

Sub:- Regarding measurement and verification of Survey no. involved in line corridor under Taluka-Jalalpore and Gandevi (Distt- Navsari), for disbursement of land compensation against the Construction of 400KV M/c New Navsari-Magarwada Transmission Line.

Respected Sir,

This has reference to the construction of 400kV M/C New Navsari – Magarwada transmission line in Navsari district.

The above transmission line is traversing through the following villages of taluka Jalalpore and Navsari city under Navsari district.

Sl No	Name of Village	Taluka	District
1	Dipla, Nimlai, Mangrol, Penujan, Simalgam, Chhinam, Mirjapore Tavdi,Badoli , Pethan, Kothmbdi , Ethan , Aat , Kalthan , Abrama , Kharsad and Panar	Jalalpore	Navsari
2	Jalalpore	Navsari City	Navsari

As per Govt resolution (GR) issued by Govt of Gujarat on 01.03.2024, during construction of above transmission line, POWERGRID has to pay land compensation to all the affected landowners falling under the corridor of line (Copy enclosed).

The above payment is to be disbursed to the affected land owner after its assessment and verification by respective Taluka's of Revenue department.

In this regard, you are requested to depute your concern representative/surveyor from revenue department for measurement and land ownership verification of survey no., so that the process for disbursement of land compensation may be done at the earliest.

Your kind support is highly solicited to ensure the timely completion of the aforesaid projects of National Importance.

Thanking you

Yours Sincerely,

(Labhesh Kumar Bansod)
Dy. General Manager
POWERGRID/New Navsari

House no -05 and 06 Cristal Bungalow, Tighara Road, Near Alaknanda Society-396445
Email id :- newnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-9, कुतब इंस्टीटुशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
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(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System –II, Regional Headquarters

Ref: WR-2 /New Navsari /TLC/NMTL/Land Comp/175

Date: 22-05-2024

To,
The Collector & District Magistrate
District - Navsari, Gujarat

Sub:- Regarding measurement and verification of Survey no. involved in line corridor under Taluka-Jalalpore and Gandevi (Distt- Navsari), for disbursement of land compensation against the Construction of 400KV M/c New Navsari-Magarwada Transmission Line.

Respected Madam,

This has reference to the construction of 400kV M/C New Navsari – Magarwada transmission line in Navsari district.

The above transmission line is traversing through the following villages of talika Jalalpore , Navsari city and Gandevi under Navsari district.

Sl No	Name of Village	Taluka	District
1	Dipla, Nimlai, Mangrol, Parujan, Simalgam, Chhinam, Mirjapore Tavdi,Badoli , Pethan, Kothmbdi , Ethan , Aat , Kalthan , Abrama , Kharsad and Panar	Jalalpore	Navsari
2	Jalalpore	Navsari City	Navsari
3	Kotha, Chapar, Kalmatha, Morli,Wagrech, Goyndi Bhatla, Vangam and Kaparwada.	Gandevi	Navsari

As per Govt resolution (GR) issued by Govt of Gujarat on 01.03.2024, during construction of above transmission line, POWERGRID has to pay land compensation to all the affected landowners falling under the corridor of line (Copy enclosed).

The above payment is to be disbursed to the affected land owner after its assessment and verification by respective Taluka's of Revenue department.

In this regard, you are requested to depute your concern representative/surveyor from revenue department for measurement and land ownership verification of survey no., so that the process for disbursement of land compensation may be done at the earliest.

Your kind support is highly solicited to ensure the timely completion of the aforesaid projects of National Importance.

Thanking you

O/C

Received
22/5/24
રજૂઆત તારીખ
કલેક્ટર કચેરી
નવસારી

Yours Sincerely,

22/5/24

(Labhesh Kumar Bansod)
Dy. General Manager
POWERGRID/New Navsari

House no -05 and 06 Cristal Bungalow, Tighara Road, Near Alaknanda Society-396445
Email id :- newnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-5, कुतब इंस्टीटुशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

POWER GRID CORPORATION OF INDIA LTD.

FMR-64

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
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पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 /New Navsari /TLC/NMTL/Admin/

Date: 24-06-24

To,
The Collector & District Magistrate
District - Navsari, Gujarat

Sub:- Regarding stoppage of sand mining work near Tower location no-7/1 & 7/2 of under construction 400KV M/C New Navsari – Magarwada transmission line at village-Mirjapore, Taluka- Jalalpore, Dist:-Navsari.

Ref:- WR-2 /New Navsari /TLC/NMTL/Admin/172, dtd:-15-05-24

Madam,

Please refer our above letter dtd 15.05.24, requesting in support for stoppage of sand mining work near Tower location no-7/1 & 7/2 of under construction 400KV M/C New Navsari – Magarwada transmission line at village-Mirjapore, Taluka- Jalalpore, Dist:-Navsari.

In this regard, it is to bring your kind attention that the work of sand mining near above tower locations are still going on and the excavated earth has been removed very near from above locations, which is a violation of CEA regulations (photographs enclosed).

The details of land owners at the above tower locations, where the sand mining work is going on are as follows:-

Sl. NO.	Details of land owner	Remarks
01	Sh. Atul Sureshchandra Lalvani, Survey no-72 Village-Mirjapore, Taluka-Jalalpore, Dist-Navsari	Tower loc. No-7/1
02	Smt. Neha Nileshbhai Patel, Survey no-168 Village-Mirjapore, Taluka-Jalalpore, Dist-Navsari	Tower loc. No-7/2

As per Regulation 65 of Central Electricity Authority (measures relating to safety and electric supply) Regulations, 2010, "**No cutting of soil within ten meters from the tower structure of 132 kV and above voltage level shall be permitted without the written permission of the owner of tower structure**" (Copy enclosed).

Considering the CEA guidelines and safety measures to avoid tower collapse, it is requested to intervene in the above matter of sand mining work and requesting to instruct the involved personals to restrict/stop the mining work near the tower locations of above Transmission line.

Your early action and kind support is highly solicited to ensure the timely completion of the aforesaid projects of National Importance.

Thanking you

Received

Your's Sincerely

(S Muralidharan)
General Manager
POWERGRID/New Navsari

House no -05 and 06 Cristal bungalow, Tighara Road, near alaknanda society-396445
Email id :- newnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
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पावरग्रिड
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लि
(भारत सरकार
POWER GRID CORPORATION OF INDIA LI
(A Government of India I
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional H

Ref: WR-2 / New Navsari /TLC/400kV/2024

Date: 28.06.24

To,
The Deputy Collector
Stamp Duty Revenue Department
District - Navsari,
Gujarat.

Respected Sir,

Sub: Construction of 400kV M/C New Navsari – Magarwada transmission line under Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B: - **Request for NA land Jantri rate and Ownership details.**

This has reference to the construction of 400kV M/C New Navsari – Magarwada transmission line in Navsari district. As per 7/12 record the following tower location/corridor in village AAT ,taluka Jalalpore dist. Navsari is in NA land. The details are given below.

Sl. No.	Loc.No/ Span	Name of the Landowner as per 7/12 record	Village	Taluka	District	New Survey Number
1	11/1	Sh. Janakbhai Patel	AAT	Jalalpore	Navsari	2034 &2030

It is to mention that POWERGRID will pay compensation for loss or damages to the affected land owners as per Govt resolution (GR) issued by Govt of Gujarat on 01.03.24 after assessment and verification by respective Taluka's of Revenue department.

In view of above, it is requested to please provide the Jantry rate of above survey number, so that construction work can be taken up in above location with the help of administration.

Thanking You,

Received
28/6/24
પ્રાંત કચેરી
જલાલપોર

Yours sincerely,

Labhesh Kumar Bansod
DGM (New Navsari)

o/c

House no -05 and 06 Cristal bungalow, Tighara Road, near alaknanda society-396445
Email id :- newnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
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(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
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पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 /New Navsari /TLC/NMTL/Land Comp/ Date: 02.07.24

To,
The Collector & District Magistrate
District - Navsari, Gujarat

Respected Madam,

Sub: - Construction of 400KV M/C New Navsari-Magarwada Transmission Line-Survey of line corridor for payment of land compensation to the land owners-reg.

- It is submitted that the subject transmission line traverse through to the following villages in Navsari district.

Sl No	Taluka	Name of Villages
1	Jalalpore	Dipla, Nimlal, Mangrol, Parujan, Simalgam, Chhinam, Mirjapore Tavdi,Badoli , Pethan, Kothmbdi , Ethan , Aat , Kalthan , Abrama , Kharsad and Panar
2	Navsari City	Jalalpore
3	Gandevi	Kotha, Chapar, Kalmatha, Morli,Wagrech, Goyndi Bhatla, Vangam and Kaparwada.

It is bring to your kind information that as per Govt resolution (GR) issued by Govt of Gujarat on 01.03.2024, the land compensation is to be paid to the land owners for the foundation locations and line corridor coming under transmission line. In this regard, it is to mention here that the most of the foundations have completed and stringing work in corridor is also commenced.

Now the land owners have started demanding the land compensation for the foundation locations and line corridor. Hence it is planned to release the compensation to the land owners. However, the land owners are to be identified and extent of land coming under the line corridor are to be measured to make the payment to land owners.

In view of the above, it is requested to provide surveyors for identifying the land owner/ extent of land under the line corridor to enable us to release the payment to the affected land owners.

Thanking you,

Yours faithfully,

(S Murlidharan)
General Manager (Navsari)

Received
02/07/24
નવસારી

House no -05 and 06 Cristal Bungalow, Tighara Road, Near Alaknanda Society-396445
Email id :- newnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-5, कुतब इंस्टीटयुशनल एरिया, कटवारिया सराय, नई दिल्ली– 110 016
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POWER GRID CORPORATION OF INDIA LIMITED
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पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref.: WR–II/New Navsari/TLC/ 198 **Dated: 02.07.24**

To,

Chief Engineer (Projects), GETCO
Sardar Patel Vidyut Bhavan,
Race course, Vadodara
Gujarat

Dear Sir,

Sub: Construction of (i) 400 KV M/C New Navsari – Magarwada and (ii) 765kV D/C New Navsari – Padhge transmission line –Providing one no of additional tower to maintain electrical clearance for GETCO lines reg.

This has reference to your letter no. CE(Project)/EE(TR-II)/T-4/5422 dtd 14.06.24 requesting to provide one no of additional tower each in subject lines required for maintaining the electrical clearance.

In this regard, it is for your kind information that the subject lines are in advance stage of completion and hence, it is not possible to provide the additional tower in above said lines to maintain the electrical clearance by GECTO.

In view of above, it is requested to kindly explore the possibility of crossing of our lines by providing truncated towers. A picture showing the truncated tower for multi circuit lines is attached for your reference.

Thanking you,

430

Yours faithfully,

(C. D. Kishore)
Chief General Manager (Navsari)

CC: - Executive Director (WR-II) – for your kind information.

House no -05 and 06 Cristal bungalow, Tighara Road, near alaknanda society-396445
Email id :- newnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-5, कुतब इंस्टीटयुशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
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(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली -II/ WESTERN REGION TRANSMISSION SYSTEM – II

Ref: WR-2 /New Navsari /TLC/NMTL/sec-16(1) Date: 09.09.24

To,
The Collector & District Magistrate.
District - Navsari, Gujarat.

Respected Madam,

Sub: - Construction of 400KV M/C New Navsari-Magarwada Transmission Line – **Issuance of section-16(1) orders -reg.**

At the outset, I would like thank you very much for resolving the ROW of the subject line. On resolving the ROW and issue of section 16(1) orders under telegraph act 1885 for tower locations, the work is progressing smoothly.

As on date, we have completed 113 nos of foundations against total 115 nos of foundations and erection of towers is under progress. It is to mention here that your good office has issued section 16(1) orders for all the locations except the following 4 locations.

Sl No	Application no & filed date.	Tower loc.	Survey no	Land owner name	Remarks
1	WR-II/NewNavsari/400kV Mirjapore/loc-7/1-51 dtd 30.09.23	7/1	72	Atul Sureshchandra Lalvani	Mirjapore (Village) ,Jalalpore (Taluka), Navsari (Distt.)
2	WR-II/NewNavsari/400kV Mirjapore/loc-7/3-53 dtd 30.09.23	7/3	176	ColourTex industry Pvt Ltd (Jenil Enterprise)	
3	WR-II/NewNavsari/400kV Mirjapore/loc-7/2-52 dtd 30.09.23	7/2	168	Neha Nileshbhai Patel	
4	WR-II/NewNavsari/400kV Mirjapore/loc-7/4-54 dtd 30.09.23	7/4	180	Jayntilal Thakordas Jariwala.	

431

It is bring to your kind knowledge that, under Sl no 1 to 3 of above table, section-16 (1) orders were issued by the SDM (Navsari). However, on issue of orders, the land owners of the above locations have approached Hon'ble High Court of Gujarat, stating that order issued by SDM is not valid as per the Act. Vide order dtd 09.05.24 and 27.06.24 the Hon'ble court has passed the order to maintain **status quo** for the Sl 1 and 2 above till District Magistrate passes the order under section 16 (1) of Indian Telegraph Act 1885.Further application mentioned at Sl 3 the case is under hearing. Copy of the stay order enclosed for reference.

O/C

Received
રજીસ્ટ્રી શાખા
કલેકટર કચેરી
નવસારી

Attached

निर्माण कार्यालय: हॉउस नं - 5 & 6, क्रिस्टल बंगलो, अलकनंदा सोसायटी के पास, तिघरा रोड, नवसारी - 396427(गुजरात) -
Construction Office :House No. 5&6 Cristal Bungalow, Near Alaknanda Society, TighraRoad,Navsari-396445 (Gujarat)
क्षेत्रीयप्रधानकार्यालय: प्लॉटनंबर-54, रिया-रेवतीरिज़ॉर्टसामा-सावलीरोडकेनिकट, वडोदरा-390008 (गुजरात)
Regional Head Office : Plot No.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara-390008 (Gujrat)
पंजीकृत कार्यालय : बी-9,कुतुबसंस्थानिक क्षेत्र,कटवारिया सराय,नई दिल्ली-110016. दूरभाष : 011-26560112, फेक्स: 011-26560039
registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016. Tel. : 011-26560112, Fax : 011-26560039

248

You are aware that the subject project is being monitored regularly in **PRAGATI portal**, Govt. of India. Further, this project is at advance stage of completion and anticipated to be completed by Oct, 2024. As Hon'ble High Court has ordered for the status -quo and without submitting of section 16(1) orders to the Hon'ble High court the status quo remain unchanged which results in delay in commissioning of project.

In view of above, it is once again requested to issue the section -16(1) orders mentioned at sl no 1 to 3 above table to enable us to submit the same to Hon'ble High court of Gujarat and get vacated the stay, so that stringing activities in that section can be taken up and complete the project.

Solicited your cooperation for timely completion of project.

Thanking you,

Yours faithfully,

(C D Kishore)
Chief General Manager
(Navsari)

432

POWER GRID CORPORATION OF INDIA LTD.

299

Annx- 69

पावरग्रिड POWERGRID

पावर ग्रिड कारपोरेशनऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली -II/ WESTERN REGION TRANSMISSION SYSTEM – II

Ref: WR-2 /New Navsari /TLC/NMTL &NPTL/Land Comp/ Date: 09.09.24

To,
The Collector & District Magistrate
District - Navsari, Gujarat.

Respected Madam,

Sub: - Construction of 400KV M/C New Navsari-Magarwada and 765kV D/C New Navsari – Padhge Transmission Line **- Survey of line corridor for payment of land compensation to the land owners-reg.**

Ref no:-
(i) WR-2 /New Navsari /TLC/NMTL/Land Comp/ dtd 22.05.24
(ii) WR-2 /New Navsari /TLC/NMTL/Land Comp/ dtd 02.07.24
(iii) WR-2 /New Navsari /TLC/NPTL/Land Comp/198 dtd 08.07.24

This has reference to subject cited above, regarding survey work under line corridor for payment of land compensation to the affected land owners for the construction of subject line.

Vide letter dtd 14.06.24, Ministry of Power has issued Guidelines for payment of compensation in regard to Right of Way (ROW) for transmission lines. As per the guideline, land compensation is to be paid to the land owners for the tower base area and line after verification land record with revenue Maps by revenue officials. On receipt of verification and assessment of land ownership and compensation amount, POWERGRID will pay the land compensation to affected land owners. Copy enclosed at Annex-I. 433

The construction of subject lines is advance stage of completion and targeted for commissioning by Oct,24. To complete the project as per targeted schedule, timely disbursement of land compensation is UTMOST required.

Now the Land owners have also started demanding the land compensation. In this regard, we have prepared the extent of land coming under line corridor. As the documents are to be verified and certified by the revenue officials as per the above said guideline, it is requested to direct the concern officials to verify the documents and affected area to enable us to release the payment. List of villages coming under line corridor/ tower base area is enclosed at Annex -II. The copy of survey report prepared for the Village Parujan is attached for your reference.
Solicited your cooperation for timely completion of projects.

Thanking you,

O/C

Received 9/9/24

Yours faithfully,

(C D'Kishore)
Chief General Manager
(Navsari)

निर्माण कार्यालय: हॉउस नं - 5 & 6, क्रिस्टल बंगलो, अलकनंदा सोसायटी के पास, तिघरा रोड, नवसारी - 396427(गुजरात) -
Construction Office :House No. 5&6 Cristal Bungalow, Near Alaknanda Society, TighraRoad,Navsari-396445 (Gujarat)
क्षेत्रीयप्रधानकार्यालय: प्लॉटनंबर-54, रिया-रेवतीरिज़ॉर्टसामा-सावलीरोडकेनिकट, वडोदरा-390008 (गुजरात)
Regional Head Office : Plot No.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara-390008 (Gujrat)
पंजीकृत कार्यालय : बी-9,कुतुबसंस्थानिक क्षेत्र,कटवारिया सराय,नई दिल्ली-110016. दूरभाष : 011-26560112, फेक्स: 011-26560039
registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016. Tel. : 011-26560112, Fax : 011-26560039

Annex -II

(1) Name of Line :-400kV M/c New Navsari – Magarwada Line

Sl No	Taluka	Name of Villages
1	Jalalpore	Dipla, Nimlai, Mangrol, Parujan, Simalgam, Chhinam, Mirjapore Tavdi,Badoli , Pethan, Kothmbdi , Ethan , Aat , Kalthan , Abrama , Kharsad and Panar
2	Navsari City	Jalalpore
3	Gandevi	Kotha, Chapar, Kalmatha, Morli,Wagrech, Goyndi Bhatla, Vangam and Kaparwada.

(2) Name of Line :-765kV D/c New Navsari – Padhge Line

Sl No	Taluka	Name of Villages
1	Jalalpore	Umbhrat , Nimlai , Mangrol , Karankhat , Parujan , Dalki , Simalgam , Chinnam , Mirzapur , Tavdi , Jalalpore , Bodali , Pethan , Eru , Ethan , Bhutsad , Mandir , Abrama , Sarav , Kharsad
2	Gandevi	Kotha , Vasan , Chappar , Kalamtha , Morali Falia , Vaghrech , Goyandi Bhatla , Vangam , Khaparwada

434

POWER GRID CORPORATION OF INDIA LTD.

Annx - 40

पावर ग्रिड कारपोरेशनऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली -II/ WESTERN REGION TRANSMISSION SYSTEM – II

Ref: WR-2 / New Navsari /Taluka: Swagat fariyad nivaran/03

Date: 15-01-2025

પ્રતિ શ્રી
મામલતદાર જલાલપોર,
તાલુકા – જલાલપોર,
જિલ્લો-નવસારી

વિષય: તાલુકા સ્વાગત/ગ્રામ સ્વાગત કક્ષાએ ફરિયાત નિવારણ બાબત.

અમારો પત્ર ક્રમાંક સંદર્ભ- WR-2 / New Navsari /Taluka: Swagat fariyad nivaran/01 , તારીખ- ૨૬-૧૧-૨૦૨૪

જય ભારત સહ ઉપરોક્ત વિષય અનુસંધાને જાણવાનુંકે અરજદાર શ્રી જગદીશભાઇ મનુભાઈ દેસાઇ, ગામ – પરૂજણ, તાલુક-જલાલપોર, જિલ્લો- નવસારી, તરીક 08/11/2024 ની અરજી નો જવાબ નીચે મુજબ છે.

જવાબનો નમુનો

તાલુકા સ્વાગત / ગ્રામ સ્વાગત ફરિયાદ નિવારણ કાર્યક્રમ

ક્રમ	ફરીયાદ અરજી નંબર	ફરીયાદીનું નામ સરનામું	ફરીયાદીની વિગત	જવાબ આપનાર ખાતાનું નામ ફોન નંબર, મોબાઈલ નંબર	જવાબ	બેઠકમાં લેવાયેલ નિર્ણય
1	TS/2024/29793, 27-11-2024 (Taluka Swagat)	જગદીશચંદ્ર મનુભાઈ દેસાઇ, પરૂજણ તા.જલાલપોર જી. નવસારી, કોલાસણા,તા. જલાલપોર, જિ. નવસારી	પાવરગ્રીડના વાહનો દ્વારા ચોમાસા દરમ્યાન અવરજવર થવાથી પરૂજણ ગામના ડામર રોડને નુકશાન થતા રીપેર કરવા બાબત	શ્રી લાભેશ કુમાર બનસોડ (ડેપ્યુટી જનરલ મેનેજર), 9428520316	1. પાવર ગ્રીડ કોર્પોરેશન દ્વારા 400 kV નવસારી – મગરવાડા ટ્રાન્સમિશન લઈન નાખવાનું કામ ચાલુ છે. 2. અરજદાર દ્વારા જણાવેલ સ્થળે ટાવર નિર્માણ દરમિયાન ગામ ના ડામર રોડ ના નુકસાન થયે જેનું રિપેરિંગ કામ પૂર્ણ કરવામાં આવેલ છે (જીઓ ટેગ ફોટો સાથે બિડાણ)	

435

આભાર સહ,

15/01/25

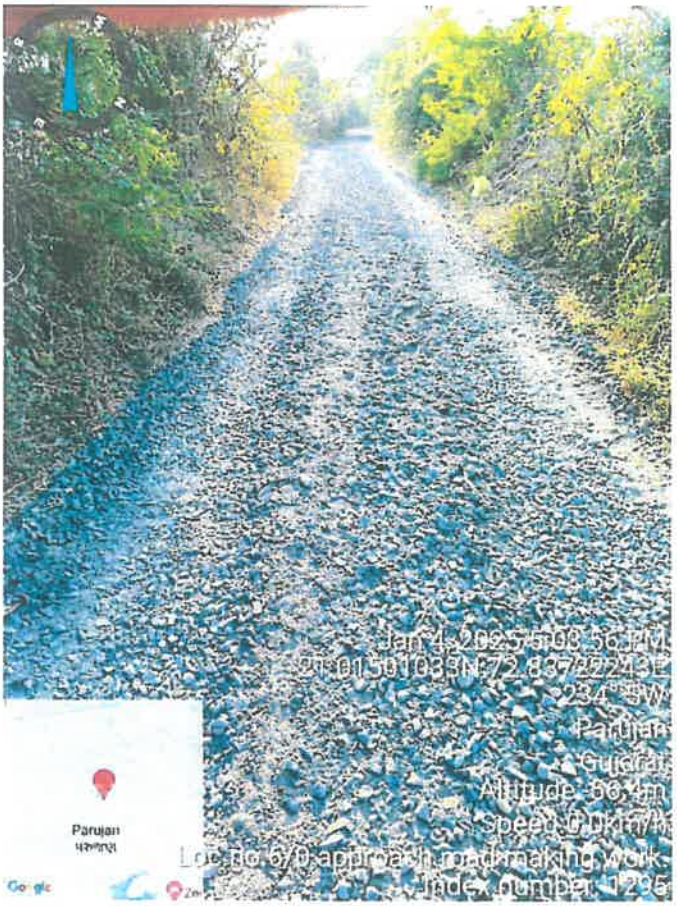
લાભેશ કુમાર બનસોડ
ડેપ્યુટી જનરલ મેનેજર
પાવરગ્રીડ, નવસારી

O/C

15/1/25

ઇનાગી ચાર્જમુખ
મામલતદાર તલાટી જલાલપોર
તેના ચાર્જ, ગરિયાવાડી
નવસારી

નિર્માણ કાર્યાલય: હાઉસ નં - 5 & 6, क्रिस्टल बंगलो, अलकनंदा सोसायटी के पास, तिघरा रोड, नवसारी - 396427 (गुजरात)
Construction Office : House No. 5&6 Cristal Bungalo, Near Alaknanda Society, Tighra Road, Navsari-396445 (Gujarat)
क्षेत्रीय प्रधान कार्यालय: प्लॉट नंबर-54, रिया-रेवती रिज़ॉर्ट सामा-सावली रोड के निकट,
वडोदरा-390008 (गुजरात)
Regional Head Office : Plot No.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara-390008 (Gujrat)
पंजीकृत कार्यालय : बी-9,कुतुबसंस्थानिक क्षेत्र,कटवारिया सराय,नई दिल्ली-110016. दूरभाष : 011-26560112, फैक्स: 011-26560039
Registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016. Tel. : 011-26560112, Fax : 011-26560039



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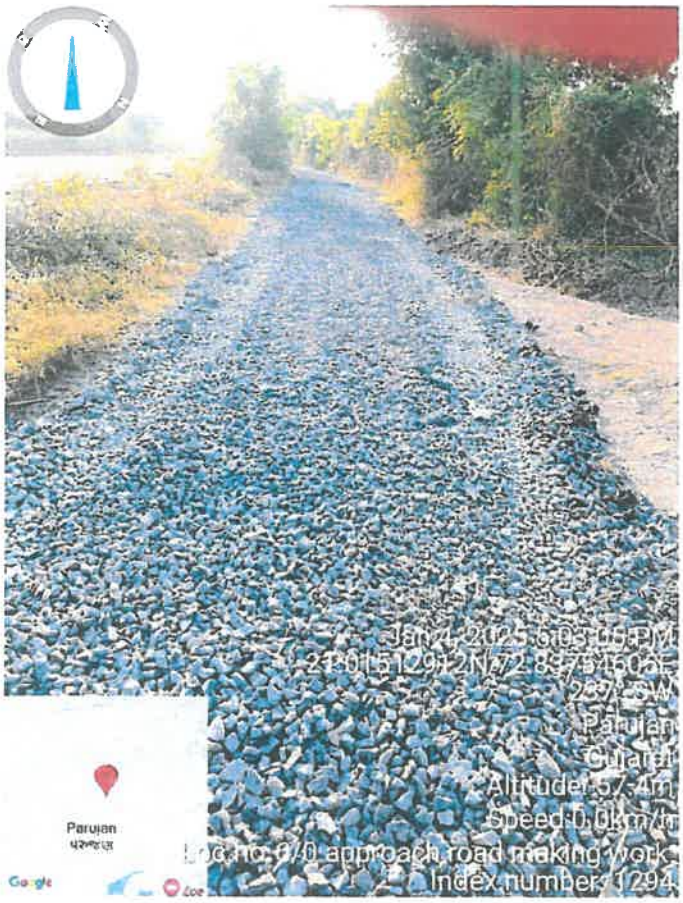

POWER GRID CORPORATION OF INDIA LTD.
पावरग्रिड POWERGRID

303

Annx - 71

पावर ग्रिड कारपोरेशनऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली -II/ WESTERN REGION TRANSMISSION SYSTEM – II

Ref: WR-2 / New Navsari /Taluka: Swagat fariyad nivaran/02

Date: 03-12-2024

પ્રતિ શ્રી
મામલતદાર જલાલપોર,
તાલુકા – જલાલપોર,
જિલ્લો-નવસારી

વિષય: તાલુકા સ્વાગત/ગ્રામ સ્વાગત કક્ષાએ ફરિયાત નિવારણ બાબત.

અમારો પત્ર ક્રમાંક સંદર્ભ- WR-2 / New Navsari /Taluka: Swagat fariyad nivaran/01 , તારીખ- ૨૬-૧૧-૨૦૨૪

જય ભારત સહ ઉપરોક્ત વિષય અનુસંધાને જાણવાનુંકે અરજદાર શ્રી જગદીશભાઇ મનુભાઈ દેસાઇ, ગામ – પરૂજણ, તાલુક-જલાલપોર, જિલ્લો-નવસારી, તરીક 08/11/2024 ની અરજી નો જવાબ નીચે મુજબ છે.

જવાબનો નમુનો

તાલુકા સ્વાગત / ગ્રામ સ્વાગત ફરિયાદ નિવારણ કાર્યક્રમ

ક્રમ	ફરીયાદ અરજી નંબર	ફરીયાદીનું નામ સરનામું	ફરીયાદીની વિગત	જવાબ આપનાર ખાતાનું નામ ફોન નંબર, મોબાઈલ નંબર	જવાબ	બેઠકમાં લેવાયેલ નિર્ણય
1	TS/2024/29793, 27-11-2024 (Taluka Swagat)	જગદીશચંદ્ર મનુભાઈ દેસાઇ, પરૂજણ તા.જલાલપોર જી. નવસારી, કોલાસણા,તા. જલાલપોર, જિ. નવસારી	પાવરગ્રીડના વાહનો દ્વારા ચોમાસા દરમ્યાન અવરજવર થવાથી પરૂજણ ગામના ડામર રોડને નુકશાન થતા રીપેર કરવા બાબત	શ્રી લાભેશ કુમાર બનસોડ (ડેપ્યુટી જનરલ મેનેજર), 9428520316	1. પાવર ગ્રીડ કોર્પોરેશન દ્વારા 400 kV નવસારી – મગરવાડા ટ્રાન્સમિશન લઈન નાખવાનું કામ ચાલુ છે. 2. અરજદાર દ્વારા જણાવેલ સ્થળે ટાવર નિર્માણ દરમિયાન ગામ ના ડામર રોડ ના નુકસાન થયે જેનું રિપેરિંગ કામ ૧૫ દિવસમાં (તારીખ – ૧૮-૧૨-૨૦૨૪) સુધીમાં પૂર્ણ કરવામાં આવશે.	

437

આભાર સહ,

03.12.24

લાભેશ કુમાર બનસોડ
ડેપ્યુટી જનરલ મેનેજર
પાવરગ્રીડ, નવસારી

નિર્માણ કાર્યાલય: હૉઉસ નં - 5 & 6, ક્રિસ્ટલ બંગલો, અલકનંદા સોસાયટી કે પાસ, તિઘરા રોડ, નવસારી - 396427 (ગુજરાત)
Construction Office : House No. 5&6 Cristal Bungalo, Near Alaknanda Society, Tighra Road, Navsari-396445 (Gujarat)
क्षेत्रीय प्रधान कार्यालय: प्लॉट नंबर-54, रिया-रेवती रिज़ॉर्ट सामा-सावली रोड के निकट,
वडोदरा-390008 (गुजरात)
Regional Head Office : Plot No.-54, Adjacent to Riya-Revati Resort Sama-Savli Road, Vadodara-390008 (Gujarat)
पंजीकृत कार्यालय : बी-9,कुतुबसंस्थानिक क्षेत्र,कटवारिया सराय,नई दिल्ली-110016. दूरभाष : 011-26560112, फैक्स: 011-26560039
Registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016. Tel. : 011-26560112, Fax : 011-26560039

304

Annx - 72

पावर ग्रिड कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय / Western Region Transmission System – II, Regional Headquarters

Ref: WR-2 /New Navsari /TLC/NMTL/ Date: 31.12.24

To,
The Collector & District Magistrate
District - Navsari, Gujarat

Respected Madam,

Sub: - Construction of 400 KV M/C Navsari (New) - Magarwada Transmission Line associated with Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part-B: Finalization of Land rates involved in line corridor under in Navsari district reg.

This has reference to the construction of 400kV M/C New Navsari – Magarwada transmission line in Navsari district. The above transmission line is traversing through the following villages in Navsari district.

Sl No	Name of Village	Taluka	District
1	Dipla, Nimlai, Mangrol, Parujan, Simalgam, Chhinam, Mirjapore Tavdi,Badoli , Pethan, Kothmbdi , Ethan , Aat , Kalthan , Abrama ,	Jalalpore	Navsari
2	Jalalpore	Navsari City	Navsari
3	Kotha, Chapar, Kalmatha, Morli,Wagrech, Goyndi Bhatla, Vangam and Kaparwada.	Gandevi	Navsari

438

As per Govt resolution (GR) issued by Govt of Gujarat on 14.10.24, land compensation rates of the affected famers falling under the corridor of line will be finalised by collector through DLVC committee. Copy enclosed at **Annex-I.**

The land compensation payment is to be disbursed to the affected land owner after its assessment and verification by respective Taluka's of Revenue department.

In this regard, it is requested to evaluate and finalise the land rates of affected land owners, so that the land compensation disbursement may be done at the earliest. The village wise survey nos coming under subject line is attached at **Annex-II.**

Your kind support is highly solicited to ensure the timely completion of the aforesaid projects of National Importance.

Thanking you

Received
31/12/24
રજીસ્ટ્રી શાખા
કલેક્ટર કચેરી
નવસારી

Yours Sincerely,
31/12/24
(Labhesh Kumar Bansod)
Dy. General Manager
POWERGRID/New Navsari

House no -05 and 06 Cristal bungalow, Tighara Road, near alaknanda society-396445
Email id :- newnavsari@powergrid.co.in

पंजीकृत कार्यालय: बी-5, कुतब इंस्टीटयुशनल एरिया, कटवारिया सराय, नई दिल्ली – 110 016
Registered Office: B-9, Qutab Institutional Area, Katwaria Saral, New Delhi - 110 016

POWER GRID CORPORATION OF INDIA LTD.

ટ્રાન્સમિશન લાઇન/ ટ્રાન્સમિશન ટાવર ઊભા કરતી વખતે જમીન/પાક/ ફળાવ/ઝાડને થયેલ નુકશાનના વળતર અંગેની માર્ગદર્શિકામાં સુધારા બાબત.

ગુજરાત સરકાર
ઉર્જા અને પેટ્રોકેમિકલ્સ વિભાગ
ઠરાવ ક્રમાંક: જીઈટી-૧૧-૨૦૧૫-જીઓઆઈ-૧૯૯-ક
સચિવાલય, ગાંધીનગર.
તા.૧૪.૧૦.૨૦૨૪

વંચાણે લીધા :-

(૧) ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગનો તા.૧૪.૦૮.૨૦૧૭નો ઠરાવ ક્રમાંક: જીઈટી-૧૧-૨૦૧૫-જીઓઆઈ-૧૯૯-ક.
(૨) ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગનો તા.૨૦.૦૯.૨૦૨૧નો ઠરાવ ક્રમાંક: જીઈટી-૧૧-૨૦૧૫-જીઓઆઈ-૧૯૯-ક.
(૩) ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગનો તા.૩૧.૧૨.૨૦૨૧નો ઠરાવ ક્રમાંક: જીઈટી-૧૧-૨૦૧૫-જીઓઆઈ-૧૯૯-ક.
(૪) ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગનો તા.૨૫.૦૮.૨૦૨૩નો ઠરાવ ક્રમાંક: જીઈટી-૧૧-૨૦૧૫-જીઓઆઈ-૧૯૯-ક.
(૫) ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગનો તા.૦૧.૦૩.૨૦૨૪નો ઠરાવ ક્રમાંક: જીઈટી-૧૧-૨૦૧૫-જીઓઆઈ-૧૯૯-ક.
(૬) મહેસુલ વિભાગનો તા.૧૩.૦૪.૨૦૨૩નો ઠરાવ ક્રમાંક: એસટીપી-૧૨૨૦૨૩-૨૦-હ.૧.
(૭) મિનિસ્ટ્રી ઓફ પાવર- ભારત સરકારની તા.૧૪.૦૬.૨૦૨૪ની માર્ગદર્શિકા ક્રમાંક: ૩/૪/૨૦૧૬-ટ્રાન્સ-પાર્ટ(૪)
(૮) માન. મંત્રીશ્રી (પાવર)- ભારત સરકારનો તા.૨૭.૦૮.૨૦૨૪નો પત્ર ક્રમાંક: સીએમએસ/જીઓઆઈ/૨૦૨૪/૪૩૬૪૭

પ્રસ્તાવના:

ભારતીય વિદ્યુત અધિનિયમ-૨૦૦૩ની કલમ-૬૭ અને કલમ-૬૮ની જોગવાઇઓ સાથે ભારતીય ટેલિગ્રાફ એક્ટ, ૧૮૮૫ ની કલમ-૧૦ અને કલમ-૧૬માં થયેલ જોગવાઈ મુજબ, વ્યાખ્યાયિત "નુકશાન" માટે અસરગ્રસ્ત વ્યક્તિઓને(ખેડૂતમિત્રો/જમીનમાલિકોને) તેઓની જમીન-પાક-ઝાડ-ફળાવને થયેલ નુકશાન પેટે વળતર આપવાની જોગવાઈ કરવામાં આવેલ છે. 439

રાજ્ય સરકાર ઠરાવ ક્રમાંક: જીઈટી-૧૧-૨૦૧૫-જીઓઆઈ-૧૯૯-ક, તા.૧૪.૦૮.૨૦૧૭ના ઠરાવની જોગવાઈઓ અનુસાર વળતર ચૂકવવાનું નિર્ધારિત કરવામાં આવેલ. તેમાં સમયાંતરે તા.૨૦.૦૯.૨૦૨૧, તા.૩૧.૧૨.૨૦૨૧, તા.૨૩.૦૮.૨૦૨૩ અને હાલમાં તા.૦૧.૦૩.૨૦૨૪ના ઠરાવ મુજબની જોગવાઈઓ અનુસારનું વળતર ચૂકવવાનું ઠરાવવામાં આવેલ છે.

રાજ્યમાં ટ્રાન્સમિશન લાઈન નાંખતી વખતે તેના વળતર સંબંધિત વિવિધ પ્રશ્નો અંગે રજૂઆત કરવામાં આવેલ. ટ્રાન્સમિશન લાઇનના નિર્માણ દરમિયાન રાઈટ ઓફ વે (RoW) સંબંધિત વળતર માટે ભારત સરકાર દ્વારા તા.૧૪.૦૬.૨૦૨૪ના પત્રથી માર્ગદર્શિકા પ્રસિદ્ધ કરવામાં આવેલ છે.

ગુજરાત રાજ્યમાં ટ્રાન્સમીશન લાઈન/ ટ્રાન્સમીશન ટાવર ઉભા કરવા અંગેના વળતર સંબંધિત વિવિધ પ્રશ્નોના ત્વરિત નિરાકરણ માટે, રાજ્ય સરકાર કક્ષાએથી રચાયેલ ઉચ્ચ સ્તરીય સમિતિની ભલામણો મેળવવા માટે તા.૦૭.૧૦.૨૦૨૪ના રોજ સમિતિની બેઠક યોજવામાં આવેલ. ઉક્ત બેઠકમાં વળતર સંબંધિત વિવિધ પ્રશ્નો તેમજ મહેસુલ વિભાગ દ્વારા આપવામાં આવેલ સૂચનો સંબધિત વિગતવાર ચર્ચા અને વિચારણા બાદ બેઠકમાં વળતર સંબંધિત સુધારો કરવા સારુ સરકારશ્રીની મંજૂરી મેળવવા માટે રજુ કરવામાં આવેલ.

POWER GRID CORPORATION OF INDIA LTD. પાવરગ્રિડ POWERGRID

સુધારા ઠરાવ:

સરકારશ્રી દ્વારા આ બાબતે પુખ્ત વિચારણાને અંતે ઠરાવવામાં આવે છે કે, ટ્રાન્સમિશન ટાવર/ માળખાના સ્થાપનને કારણે ટાવર આધારિત વિસ્તાર (ટાવરના ચાર પાયા વચ્ચેના ભાગ)ની જમીનના નુકશાન પેટે ઓછા વળતર બાબતે રજૂઆત કે વાંધો રજુ કરવામાં આવે ત્યારે કલેકટરશ્રી દ્વારા વાસ્તવિક પરિસ્થિતિને ધ્યાને લઈ કેસના ગુણદોષને આધારે જો વાજબી જણાય તો, કલેકટરશ્રીના અધ્યક્ષસ્થાને મળતી જિલ્લા જમીન મૂલ્યાંકન સમિતિ (D.L.V.C.) દ્વારા આવા કેસોમાં (ટાવરના ચાર પાયા વચ્ચેના ભાગની કિંમત નક્કી કરવા બાબતે) કિંમત નક્કી કરીને જિલ્લા કક્ષાએથી જ વળતર અંગેનો જાહેર હિતમાં આખરી નિર્ણય લેવાનો રહેશે.

૨. ગુજરાત સરકારના તા.૦૧.૦૩.૨૦૨૪ના ઠરાવની અન્ય શરતો અને જોગવાઈઓ યથાવત રહેશે.

૩. આ ઠરાવ પ્રસિદ્ધ થયા તારીખથી અમલી બનશે.

૪. ઉકત ઠરાવ નાણાં વિભાગની તા.૦૯.૧૦.૨૦૨૪ની તથા મહેસુલ વિભાગની તા.૧૦.૧૦.૨૦૨૪ની નોંધથી મળેલ અનુમતિ અન્વયે પ્રસિધ્ધ કરવામાં આવે છે.

ગુજરાતના રાજ્યપાલશ્રીના હુકમથી અને તેમના નામે,

(ભક્તિ શામળ)
ખાસ ફરજ પરના અધિકારી
ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગ

નકલ જાણ તેમજ જરૂરી કાર્યવાહી અર્થે રવાના પ્રતિ:-

(૧) નામ. રાજ્યપાલશ્રીના અગ્ર સચિવશ્રી, રાજભવન, ગાંધીનગર.
(૨) સચિવશ્રી, વીજળી મંત્રાલય, ભારત સરકાર, નવી દિલ્હી. (પત્ર દ્વારા)
(૩) માન. મુખ્ય મંત્રીશ્રીના અધિક મુખ્ય સચિવશ્રી, સ્વર્ણિમ સંકુલ-૧, સચિવાલય, ગાંધીનગર.
(૪) માન. મંત્રીશ્રી (નાણાં, ઊર્જા અને પેટ્રો.)ના અંગત સચિવશ્રી, સ્વર્ણિમ સંકુલ-૧, સચિવાલય, ગાંધીનગર.
(૫) માન. મુખ્ય સચિવશ્રીના અધિક સચિવશ્રી, બ્લોક નં.૧, પાંચમો માળ, સચિવાલય, ગાંધીનગર.
(૬) અગ્રસચિવશ્રીના અંગત રહસ્ય સચિવશ્રી, નાણા વિભાગ, સચિવાલય, ગાંધીનગર.
(૭) અધિક મુખ્ય સચિવશ્રીના અંગત રહસ્ય સચિવશ્રી, મહેસૂલ વિભાગ, સચિવાલય, ગાંધીનગર.
(૮) સચિવશ્રી, ગુજરાત વીજ નિયમન આયોગ, ગીફ્ટ સીટી, ગાંધીનગર.
(૯) મેનેજીંગ ડીરેકટરશ્રી, ગુજરાત ઉર્જા વિકાસ નિગમ લિ., વડોદરા
(૧૦) મેનેજીંગ ડીરેકટરશ્રી. ગુજરાત એનર્જી ટ્રાન્સમીશન કોર્પોરેશન લિ., વડોદરા.
(૧૧) મેનેજીંગ ડીરેકટરશ્રી, ગુજરાત સ્ટેટ ઇલેકટ્રીસીટી કોર્પોરેશન લિ., વડોદરા.
(૧૨) મેનેજીંગ ડીરેકટરશ્રી, ઉત્તર ગુજરાત વીજ કંપની લિ., મહેસાણા.
(૧૩) મેનેજીંગ ડીરેકટરશ્રી, મધ્ય ગુજરાત વીજ કંપની લિ., વડોદરા.
(૧૪) મેનેજીંગ ડીરેકટરશ્રી, પશ્ચિમ ગુજરાત વીજ કંપની લિ., રાજકોટ.
(૧૫) મેનેજીંગ ડીરેકટરશ્રી, દક્ષિણ ગુજરાત વીજ કંપની લિ., સુરત.
(૧૬) એક્ઝીક્યુટીવ ડિરેક્ટરથી, પાવર ગ્રીડ કોર્પોરેશન ઈન્ડિયા લિ., વડોદરા.
(૧૭) મેનેજીંગ ડીરેકટરશ્રી, ગુજરાત ઇન્ડસ્ટ્રીઝ પાવર કંપની લિ. વડોદરા.
(૧૮) તમામ કલેક્ટરશ્રી, ગુજરાત રાજ્ય.
(૧૯) મુખ્ય વિદ્યુત નિરિક્ષકશ્રી, મુખ્ય વિદ્યુત નિરીક્ષકશ્રીની કચેરી, ઉદ્યોગ ભવન, ગાંધીનગર.
(૨૦) ડિરેકટરશ્રી, ટોરેન્ટ પાવર લિ., અમદાવાદ.
(૨૧) ગુજરાત સરકારના સર્વે વિભાગો, સચિવાલય, ગાંધીનગર.
(૨૨) ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગની સર્વે શાખાઓ, સચિવાલય, ગાંધીનગર.
(૨૩) પસંદગી ફાઈલ.

POWER GRID CORPORATION OF INDIA LTD.

Encl-12

SAGAR & ASSOCIATES
CHARTERED ACCOUNTANTS
INDIA

H.O.: H No. 6-3-244/5, Sarada Devi Street
Prem Nagar, Hyderabad – 500 004
Phone: 040-2339 5588, 2330 3371
Website: sagarca.com
E-Mail: sagarandassociates@yahoo.co.in
GST No: TS - 36AAJFS7295N1Z8
AP - 37AAJFS7295N2Z5

CERTIFICATE

This is to certify that we have verified the relevant records and other documents of Power Grid Corporation Of India Limited having its Registered Office at B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016 and on the basis of our verification, we certify that Capital Cost for 1x500MVA 765KV ICT at Padghe 765KV GIS Substation along with ICT bays under TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B in Western Region-1 of Power Grid Corporation of India Limited, which is under commercial operation w.e.f. 03.07.2024 is detailed as under:

(₹ in Lakh)

S/N	Particulars	Capital Cost	IEDC	IDC	Total
1	*Expenditure upto 31.03.2024*	2,857.13	122.08	39.64	3,018.85
2	*Expenditure from 01.04.2024 to 02.07.2024*	1,327.11	82.30	55.65	1,465.06
3	*Expenditure from 03.07.2024 to 31.03.2025*	761.05	-	-	761.05
4	*Estimated Expenditure from 01.04.2025 to 31.03.2026*	635.98	-	-	635.98
5	*Estimated Expenditure from 01.04.2026 to 31.03.2027*	17.45	-	-	17.45
	Total	***5,598.72***	***204.38***	***95.29***	***5,898.39***

Note : IEDC shown above includes amount of Rs. 1.65 lakh from memorandum of accounts.

We certify that we have verified the expenditure up to 31.03.2025 as refered above on the basis of the information drawn from the audited Statement of Accounts of Power Grid Corporation of India Ltd. (Western Region-1) as on 31.03.2025.

The estimated expenditure is based on Management estimate.

For Sagar & Associates
Chartered Accountants
FRN: 003510S

Sagar & Associates Chartered Accountants Hyderabad

(A Manikanta Rayudu)
Partner
M.No 243439
UDIN: 25243439BMIJKZ6606

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

B.O.: Flat No. FF-3, H No 40-6-2, Goteti Apartment, Kandari Hotel Street, Krishna Nagar, Vijayawada – 520 010
B.O.: H. No. 10-1-86, Mehar Nagar, Old Gajuwaka, Visakhapatnam – 530 026
B.O.: No. 4, Poes Road, 4th Street, Teynampet, Chennai – 600 018
B.O.: Flat No. 3C, Jeevan Residency, Behind Kalanjali, Renigunta Road, Tirupati - 517 501

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AP - 37AAJFS7295N2Z5

CERTIFICATE

This is to certify that we have verified the relevant records and other documents of Power Grid Corporation Of India Limited having its Registered Office at B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016 and on the basis of our verification, we certify that Capital Cost for 1x500MVA 765KV ICT at Padghe 765KV GIS Substation along with ICT bays under TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B in Western Region-1 of Power Grid Corporation of India Limited, which is under commercial operation w.e.f. 03.07.2024 is detailed as under:

(₹ in Lakh)

S/N	Particulars	Freehold Land	Leasehold Land	Building and Civil Works	Tr. Line	Sub Station	OPGW	Communication System excl. OPGW	I. T Equipment incl. software	Batteries	Total
1	*Expenditure upto 31.03.2024*	-	-	-	-	*3,018.85*	-	-	-	-	3,018.85
2	*Expenditure from 01.04.2024 to 02.07.2024*	-	-	-	-	*1,465.06*	-	-	-	-	1,465.06
3	*Expenditure from 03.07.2024 to 31.03.2025*	-	-	-	-	*761.05*	-	-	-	-	761.05
4	*Estimated Expenditure from 01.04.2025 to 31.03.2026*					*635.98*					635.98
5	*Estimated Expenditure from 01.04.2026 to 31.03.2027*	-	-	-	-	*17.45*	-	-	-	-	17.45
	Total	-	-	-	-	***5,898.39***	-	-	-	-	***5,898.39***

S/N	Particulars	TL	Sub-station	OPGW
1	Total Cost (Plant and Machinary cost excluding IDC, IEDC, Land cost and cost of Civil works for the purpose of Initial Spares)	-	*5,598.72*	-
2	Initial Spares included above	-	*63.64*	

We certify that we have verified the expenditure up to 31.03.2025 as refered above on the basis of the information drawn from the audited Statement of Accounts of Power Grid Corporation of India Ltd. (Western Region-1) as on 31.03.2025.

The estimated expenditure is based on Management estimate.

Place:- Hyderabad
Date:- 05.06.2025

For Sagar & Associates
Chartered Accountants
FRN: 003510S

(A Manikanta Rayudu)
Partner
M. No 243439
UDIN: 25243439BMIJKZ6606

POWER GRID CORPORATION OF INDIA LTD.

CERTIFICATE

This is to certify that we have verified the relevant records and other documents of Power Grid Corporation Of India Limited having its Registered Office at B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016 and on the basis of our verification, we certify that Capital Cost for following elements under **"Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B" in Western Region - II** of Power Grid Corporation of India Limited, which is proposed to be under commercial operation w.e.f. 20.03.2025 is detailed as under:

- **400 kV New Navsari (GIS)-Magarwada (GIS) D/C line along with associated 400 kV line bay (GIS) at New Navsari (GIS) S/S & Magarwada (GIS) S/S.**
- **400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S.**
- **500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.**

(Rs. in Lakhs)

S/N	Particulars	Capital Cost	IEDC	IDC	Total
1	Expenditure Upto 19.03.2025	67147.21	9572.81	4689.20	81409.22
2	Expenditure From 20.03.2025 to 31.03.2025	0.00	0.00	0.00	0.00
3	Estimated Expenditure from 01.04.2025 to 31.03.2026	13290.73	0.00	0.00	13290.73
4	Estimated Expenditure from 01.04.2026 31.03.2027	11859.34	0.00	0.00	11859.34
	Total	**92297.28**	**9572.81**	**4689.20**	**106559.29**

G D APTE & CO Chartered Accountants

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

We certify that we have verified the expenditure up to 31.03.2025 as referred above on the basis of the information drawn from the audited Statement of Accounts of Power Grid Corporation of India Ltd. WR-II as on 31.03.2025.

The estimated expenditure is based on Management estimate.

For G.D. Apte & Co.
Chartered Accountants
Firm Registration Number: 100 515W
UDIN: 25113053BMONKV5895

Umesh S. Abhyankar
Partner
Membership Number: 113053
Pune, June 03, 2025

Note: IEDC includes Rs.151.17 lakh from memorandum of accounts.

CERTIFICATE

This is to certify that we have verified the relevant records and other documents of Power Grid Corporation Of India Limited having its Registered Office at B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016 and on the basis of our verification, we certify that Capital Cost for following elements under **"Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B" in Western Region - II** of Power Grid Corporation of India Limited, which is proposed to be under commercial operation w.e.f. 20.03.2025 is detailed as under:

- **400 kV New Navsari (GIS)-Magarwada (GIS) D/C line along with associated 400 kV line bay (GIS) at New Navsari (GIS) S/S & Magarwada (GIS) S/S.**
- **400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S.**
- **500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.**

(Rs. in Lakhs)

S / N	Particulars	Land	Building and Civil Works	Tr. Line	Sub Station	OPGW	Communication System excl. OPGW	I. T Equipment incl. software, UNMS, URTDSM, EMS, Cyber Security System, REMC, WAMS, SCADA System	Batteries	Total
1	Expenditure Upto 19.03.2025	14605.44	78.76	53896.10	12176.92	505.78	69.24	76.98	0.00	81409.22
2	Expenditure From 20.03.2025 to 31.03.2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Estimated Expenditure from 01.04.2025 to 31.03.2026	162.18	2242.48	10565.94	190.61	32.42	45.97	51.14	0.00	13290.74
4	Estimated Expenditure from 01.04.2026 31.03.2027	0.00	2180.70	4259.43	5419.20	0.00	0.00	0.00	0.00	11859.33
	Total	**14767.62**	**4501.94**	**68721.47**	**17786.73**	**538.20**	**115.21**	**128.12**	**0.00**	**106559.29**

G D APTE & CO Chartered Accountants

POWER GRID CORPORATION OF INDIA LTD.

S/N	Particulars	TL	Sub-station	OPGW
1	Total Cost (Plant and Machinery cost excluding IDC, IEDC, Land cost and cost of Civil works for the purpose of Initial Spares)	57179.52	15213.18	441.91
2	Initial Spares included above	571.80	760.33	4.42

We certify that we have verified the expenditure up to 31.03.2025 as referred above on the basis of the information drawn from the audited Statement of Accounts of Power Grid Corporation of India Ltd. WR-II as on 31.03.2025.

The estimated expenditure is based on Management estimate.

For G.D. Apte & Co.
Chartered Accountants
Firm Registration Number: 100 515W
UDIN: 25113053BMONKV5895

G D APTE & CO Chartered Accountants

Umesh S. Abhyankar
Partner
Membership Number: 113053
Pune, June 03, 2025

Note: IEDC includes Rs.151.17 lakh from memorandum of accounts.

POWER GRID CORPORATION OF INDIA LTD. POWERGRID

Asset-1

Liability Flow Statement

Name of Petitioner	Power Grid Corporation of India Ltd
Project Name	TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B
Asset name	1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation
DOCO	03.07.2024

Rs in Lakhs

Asset No.	Headwise /Partywise	#REF!	Year of Actual Capitalisation	Outstanding Liability as on 01.04.2024	Liability discharge						Addition to Gross Block						Outstanding Liability as on 31.3.2029
					2024-25	2025-26	2026-27	2027-28	2028-29	Total (25-29)	2024-25	2025-26	2026-27	2027-28	2028-29	Total (25-29)	
Asset-1	JV of M/s KEC & Hyosung -6900011352	SS	2024-25	18.04		9.02	9.02			18.04		0.00				0.00	-
	JV of M/s KEC & Hyosung - 6900011357	SS	2024-25	16.84		13.15	8.43			21.57		0.00				0.00	-
	M/s BHEL - 6900011430	SS	2024-25	642.55	121.85	515.97				637.82	577.99	88.94				666.93	-
	M/s BHEL - 6900011376	SS	2024-25	0.00		-				0.00	61.21	8.89				70.10	-
	Total			677.44	121.85	538.14	17.45	0.00	0.00	677.43	639.20	97.83	0.00	0.00	0.00	737.03	-

314

POWER GRID CORPORATION OF INDIA LTD. Engineers Boarding

Encl-13

Asset – 2

Liability Flow Statement

Name of Petitioner	Power Grid Corporation of India Ltd
Project Name	Transmission Network Expansion in Gujarat to Increase ATC from ISTS, Part-B
Asset	400 kV New Navsari(GIS)-Magarwada (GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada (GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S and 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.
DOCO	20.03.2025

LIABILITY DATA

Rs in Lakhs

Asset No	Headwise /Partywise	Particulars[#]	Year of Actual Capitalisation	Outstanding Liability as on DOCO	Discharge of Liability					Addition to Gross Block					Outstanding Liability as on 31.03.2029
					2025-26	2026-27	2027-28	2028-29	Total (19-24)	2025-26	2026-27	2027-28	2028-29	Total (19-24)	
	Freehold Land		2024-25						-	1,62,18,171.00				1,62,18,171.00	-
	Leasehold Land		2024-25						-					-	-
	Compensation (Land/Crop/Tree/Others)		2024-25						-					-	-
	Building and Civil Works		2024-25						-	29,00,25,726.49	21,11,77,767.43			50,12,03,493.92	-
									-	22,42,47,630.70	21,80,70,433.07			44,23,18,063.77	-
	Tr. Line	M/s. Bajaj Electricals Ltd., Mumbai	2024-25	26,11,50,694.74	23,56,45,770.72	2,75,04,924.02			26,31,50,694.74					-	-
	Tr. Line	M/s. KEC International Limited	2024-25	47,57,79,121.96	42,31,46,115.86	5,26,29,006.11			47,57,79,121.96					-	-
	Sub Station	JV of M/s. KEC International Ltd. and M/s. Hyosung T&D India Pvt. Ltd.	2024-25	43,39,28,710.24	1,90,61,113.48	41,48,67,596.77			43,39,28,710.24					-	-
	OPGW	M/s. Bajaj Electricals Ltd., Mumbai	2024-25	22,27,366.15	22,27,366.15				22,27,366.15					-	-
	OPGW	M/s. KEC International Limited	2024-25	10,14,160.36	10,14,160.36				10,14,160.36					-	-
	Communication System excl. OPGW	JV of M/s. KEC International Ltd. and M/s. Hyosung T&D India Pvt. Ltd.	2024-25	45,96,923.35	45,96,923.35				45,96,923.35					-	-
	I.T Equipment incl. software, UNMS, URTDSM, EMS, Cyber Security System, REMC, WAMS, SCADA System	JV of M/s. KEC International Ltd. and M/s. Hyosung T&D India Pvt. Ltd.	2024-25	51,13,501.30	51,13,501.30				51,13,501.30					-	-
	Batteries		2024-25						-					-	-
	Others		2024-25	24,24,07,366.63	10,77,76,137.26	13,46,31,229.37			24,24,07,366.63					-	-
	SubStation	SIEMENS Ltd.	2024-25	2,16,69,068.94		2,16,69,068.94			2,16,69,068.94					-	-
	SubStation	Bharat Heavy Electricals Limited TR-36	2024-25	10,53,83,891.96		10,53,83,891.96			10,53,83,891.96					-	-
	Total			1,55,52,66,605.64	79,85,83,088.48	75,66,85,517.16	-	-	1,55,52,66,605.64	53,04,91,528.19	42,92,48,200.50	-	-	95,97,39,728.69	-

215

POWER GRID CORPORATION OF INDIA LTD.

Asset-1

Statement showing IDC Discharged upto DOCO

Project:	**Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B (WR-I Portion)**								
Element:	**1x500MVA 765KV ICT at Padghe 765KV GIS Substation along with ICT bays**								
DOCO: Actual	**03-Jul-24**								
Loans	**Amount**	**Interest Rate**	**Drawl Date**	**Total IDC**	**Annual Interest Payment Date upto DOCO**	**Interest Discharged upto DOCO**	**Annual Interest Payment Date after DOCO**	24-25	25-26
Canara-01 (2022-2023) (Q4) (03.02.2023)	50.00	Floating	03-Feb-23	5.75	01-Jul-24	5.73	01-Aug-24	0.02	
Bond LXXV	2063.02	7.65%	11-Jan-24	75.14	11-Jan-24	0.00	11-Jan-25	75.14	
SBI-04 (2024-2025) (Q1) (18.04.2024)	934.00	Floating	18-Apr-24	14.40	01-Jul-24	14.03	01-Aug-24	0.37	
Canara-01 (2024-2025) (Q2) (03.07.2024)	38.84	Floating	03-Jul-24	0.00	03-Jul-24	0.00			
Canara-02 (2024-2025) (Q2) (06.09.2024) (IR Replacement)	52.88	Floating	06-Sep-24	0.00		0.00			
Total	**3138.74**			**95.29**		**19.75**		**75.53**	**0.00**
Total IDC as per Cost Certificate	95.29								
IDC Discharged upto DOCO	19.75								
Accrual IDC upto DOCO (To be Discharged during 2024-2025)	75.53								
Accrual IDC upto DOCO (To be Discharged during 2025-2026)	0.00								

Certified that Interest on SBI/Canara Loan is paid monthly and Interest on Bonds is paid annually/quarterly as per terms of Agreement /terms of issue of bonds and no default has been made in respect of debt servicing

316

POWER GRID CORPORATION OF INDIA LTD.

Encl-14

ASSET-2

Statement showing IDC Discharged upto DOCO

Project:	Transmission Network Expansion in Gujarat to Increase ATC from ISTS, Part-B
Element:	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S. 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.
DOCO: Proposed	20-Mar-25

Loans	Amount	Interest Rate	Drawl Date	Total IDC	Annual Interest Payment Date upto DOCO	Interest Discharged upto DOCO	Annual Interest Payment Date after DOCO	24-25	25-26
SBI-04 (2022-2023) (Q3) (22.11.2022)	45.43	7.60%	22-Nov-22	0.09	01-Mar-25	0.09	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		7.60%	22-Nov-22	0.29	01-Mar-25	0.29	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		7.60%	22-Nov-22	0.29	01-Mar-25	0.29	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		7.60%	22-Nov-22	0.09	01-Mar-25	0.09	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.00%	22-Nov-22	0.19	01-Mar-25	0.19	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.00%	22-Nov-22	0.31	01-Mar-25	0.31	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.00%	22-Nov-22	0.30	01-Mar-25	0.30	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.00%	22-Nov-22	0.09	01-Mar-25	0.09	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.10%	22-Nov-22	0.22	01-Mar-25	0.22	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.10%	22-Nov-22	0.30	01-Mar-25	0.30	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.10%	22-Nov-22	0.31	01-Mar-25	0.31	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.10%	22-Nov-22	0.09	01-Mar-25	0.09	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.15%	22-Nov-22	0.22	01-Mar-25	0.22	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.15%	22-Nov-22	0.30	01-Mar-25	0.30	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.15%	22-Nov-22	0.31	01-Mar-25	0.31	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.15%	22-Nov-22	0.09	01-Mar-25	0.09	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.15%	22-Nov-22	0.20	01-Mar-25	0.20	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.15%	22-Nov-22	0.29	01-Mar-25	0.29	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.15%	22-Nov-22	0.29	01-Mar-25	0.29	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.15%	22-Nov-22	0.08	01-Mar-25	0.08	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.20%	22-Nov-22	0.19	01-Mar-25	0.19	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.20%	22-Nov-22	0.29	01-Mar-25	0.29	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.20%	22-Nov-22	0.28	01-Mar-25	0.28	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.20%	22-Nov-22	0.09	01-Mar-25	0.09	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.20%	22-Nov-22	0.19	01-Mar-25	0.19	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.20%	22-Nov-22	0.27	01-Mar-25	0.27	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.20%	22-Nov-22	0.27	01-Mar-25	0.27	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.20%	22-Nov-22	0.08	01-Mar-25	0.08	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.40%	22-Nov-22	0.20	01-Mar-25	0.20	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.40%	22-Nov-22	0.27	01-Mar-25	0.27	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.40%	22-Nov-22	0.28	01-Mar-25	0.28	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.40%	22-Nov-22	0.06	01-Mar-25	0.06	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.40%	22-Nov-22	0.02	01-Mar-25	0.02	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.50%	22-Nov-22	0.18	01-Mar-25	0.18	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.50%	22-Nov-22	0.26	01-Mar-25	0.26	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.50%	22-Nov-22	0.26	01-Mar-25	0.26	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.50%	22-Nov-22	0.08	01-Mar-25	0.08	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.55%	22-Nov-22	0.16	01-Mar-25	0.16	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (22.11.2022)		8.55%	22-Nov-22	0.16	01-Mar-25	0.00	31-Mar-25	0.16	-
SBI-04 (2022-2023) (Q3) (29.12.2022)	256.05	7.60%	29-Dec-22	0.16	01-Mar-25	0.16	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		7.60%	29-Dec-22	1.65	01-Mar-25	1.65	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		7.60%	29-Dec-22	0.48	01-Mar-25	0.48	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.00%	29-Dec-22	1.07	01-Mar-25	1.07	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.00%	29-Dec-22	1.74	01-Mar-25	1.74	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.00%	29-Dec-22	1.68	01-Mar-25	1.68	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.00%	29-Dec-22	0.51	01-Mar-25	0.51	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.10%	29-Dec-22	1.25	01-Mar-25	1.25	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.10%	29-Dec-22	1.70	01-Mar-25	1.70	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.10%	29-Dec-22	1.76	01-Mar-25	1.76	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.10%	29-Dec-22	0.51	01-Mar-25	0.51	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.15%	29-Dec-22	1.26	01-Mar-25	1.26	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.15%	29-Dec-22	1.72	01-Mar-25	1.72	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.15%	29-Dec-22	1.77	01-Mar-25	1.77	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.15%	29-Dec-22	0.51	01-Mar-25	0.51	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.15%	29-Dec-22	1.12	01-Mar-25	1.12	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.15%	29-Dec-22	1.65	01-Mar-25	1.65	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.15%	29-Dec-22	1.65	01-Mar-25	1.65	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.15%	29-Dec-22	0.48	01-Mar-25	0.48	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.20%	29-Dec-22	1.07	01-Mar-25	1.07	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.20%	29-Dec-22	1.66	01-Mar-25	1.66	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.20%	29-Dec-22	1.61	01-Mar-25	1.61	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.20%	29-Dec-22	0.48	01-Mar-25	0.48	31-Mar-25	-	-

SBI-04 (2022-2023) (Q3) (29.12.2022)		8.20%	29-Dec-22	1.10	01-Mar-25	1.10	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.20%	29-Dec-22	1.49	01-Mar-25	1.49	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.20%	29-Dec-22	1.54	01-Mar-25	1.54	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.20%	29-Dec-22	0.45	01-Mar-25	0.45	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.40%	29-Dec-22	1.12	01-Mar-25	1.12	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.40%	29-Dec-22	1.53	01-Mar-25	1.53	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.40%	29-Dec-22	1.58	01-Mar-25	1.58	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.40%	29-Dec-22	0.36	01-Mar-25	0.36	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.40%	29-Dec-22	0.09	01-Mar-25	0.09	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.50%	29-Dec-22	1.00	01-Mar-25	1.00	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.50%	29-Dec-22	1.48	01-Mar-25	1.48	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.50%	29-Dec-22	1.48	01-Mar-25	1.48	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.50%	29-Dec-22	0.43	01-Mar-25	0.43	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.55%	29-Dec-22	0.91	01-Mar-25	0.91	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (29.12.2022)		8.55%	29-Dec-22	0.91	01-Mar-25	0.00	31-Mar-25	0.91	-
SBI-04 (2022-2023) (Q3) (30.12.2022)	724.26	7.60%	30-Dec-22	0.30	01-Mar-25	0.30	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		7.60%	30-Dec-22	4.67	01-Mar-25	4.67	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		7.60%	30-Dec-22	1.36	01-Mar-25	1.36	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.00%	30-Dec-22	3.02	01-Mar-25	3.02	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.00%	30-Dec-22	4.92	01-Mar-25	4.92	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.00%	30-Dec-22	4.76	01-Mar-25	4.76	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.00%	30-Dec-22	1.43	01-Mar-25	1.43	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.10%	30-Dec-22	3.54	01-Mar-25	3.54	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.10%	30-Dec-22	4.82	01-Mar-25	4.82	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.10%	30-Dec-22	4.98	01-Mar-25	4.98	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.10%	30-Dec-22	1.45	01-Mar-25	1.45	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.15%	30-Dec-22	3.56	01-Mar-25	3.56	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.15%	30-Dec-22	4.85	01-Mar-25	4.85	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.15%	30-Dec-22	5.01	01-Mar-25	5.01	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.15%	30-Dec-22	1.46	01-Mar-25	1.46	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.15%	30-Dec-22	3.17	01-Mar-25	3.17	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.15%	30-Dec-22	4.68	01-Mar-25	4.68	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.15%	30-Dec-22	4.66	01-Mar-25	4.66	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.15%	30-Dec-22	1.35	01-Mar-25	1.35	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.20%	30-Dec-22	3.03	01-Mar-25	3.03	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.20%	30-Dec-22	4.69	01-Mar-25	4.69	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.20%	30-Dec-22	4.54	01-Mar-25	4.54	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.20%	30-Dec-22	1.36	01-Mar-25	1.36	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.20%	30-Dec-22	3.10	01-Mar-25	3.10	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.20%	30-Dec-22	4.23	01-Mar-25	4.23	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.20%	30-Dec-22	4.37	01-Mar-25	4.37	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.20%	30-Dec-22	1.27	01-Mar-25	1.27	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.40%	30-Dec-22	3.17	01-Mar-25	3.17	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.40%	30-Dec-22	4.33	01-Mar-25	4.33	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.40%	30-Dec-22	4.47	01-Mar-25	4.47	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.40%	30-Dec-22	1.01	01-Mar-25	1.01	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.40%	30-Dec-22	0.27	01-Mar-25	0.27	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.50%	30-Dec-22	2.83	01-Mar-25	2.83	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.50%	30-Dec-22	4.18	01-Mar-25	4.18	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.50%	30-Dec-22	4.19	01-Mar-25	4.19	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.50%	30-Dec-22	1.22	01-Mar-25	1.22	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.55%	30-Dec-22	2.58	01-Mar-25	2.58	31-Mar-25	-	-
SBI-04 (2022-2023) (Q3) (30.12.2022)		8.55%	30-Dec-22	2.58	01-Mar-25	0.00	31-Mar-25	2.58	-
Bond LXX	7693.26	7.40%	17-Feb-23	67.07	17-Feb-25	67.07	17-May-25	-	-
Bond LXX		7.40%	17-Feb-23	71.75	17-Feb-25	71.75	17-May-25	-	-
Bond LXX		7.40%	17-Feb-23	139.91	17-Feb-25	139.91	17-May-25	-	-
Bond LXX		7.40%	17-Feb-23	136.32	17-Feb-25	136.32	17-May-25	-	-
Bond LXX		7.40%	17-Feb-23	132.73	17-Feb-25	132.73	17-May-25	-	-
Bond LXX		7.40%	17-Feb-23	61.60	17-Feb-25	61.60	17-May-25	-	-
Bond LXX		7.40%	17-Feb-23	64.40	17-Feb-25	64.40	17-May-25	-	-
Bond LXX		7.40%	17-Feb-23	125.22	17-Feb-25	125.22	17-May-25	-	-
Bond LXX		7.40%	17-Feb-23	121.64	17-Feb-25	121.64	17-May-25	-	-
Bond LXX		7.40%	17-Feb-23	118.06	17-Feb-25	118.06	17-May-25	-	-
Bond LXX		7.40%	17-Feb-23	38.68	17-Feb-25	0.00	17-May-25	-	38.68
Bond LXXI	4600.00	7.52%	23-Mar-23	8.53	17-Feb-25	8.53	17-May-25	-	-
Bond LXXI		7.52%	23-Mar-23	43.60	17-Feb-25	43.60	17-May-25	-	-
Bond LXXI		7.52%	23-Mar-23	87.19	17-Feb-25	87.19	17-May-25	-	-
Bond LXXI		7.52%	23-Mar-23	85.01	17-Feb-25	85.01	17-May-25	-	-
Bond LXXI		7.52%	23-Mar-23	82.83	17-Feb-25	82.83	17-May-25	-	-
Bond LXXI		7.52%	23-Mar-23	38.47	17-Feb-25	38.47	17-May-25	-	-
Bond LXXI		7.52%	23-Mar-23	40.22	17-Feb-25	40.22	17-May-25	-	-
Bond LXXI		7.52%	23-Mar-23	78.26	17-Feb-25	78.26	17-May-25	-	-
Bond LXXI		7.52%	23-Mar-23	76.08	17-Feb-25	76.08	17-May-25	-	-
Bond LXXI		7.52%	23-Mar-23	73.91	17-Feb-25	73.91	17-May-25	-	-

Bond LXXI		7.52%	23-Mar-23	24.24	17-Feb-25	0.00	17-May-25	-	24.24
Bond LXXIII	4412.00	7.50%	24-Aug-23	199.81	23-Aug-24	199.81	24-Aug-25	-	-
Bond LXXIII		7.50%	24-Aug-23	131.09	23-Aug-24	131.09	24-Aug-25	-	-
Bond LXXIII		7.50%	24-Aug-23	169.71	23-Aug-24	0.00	24-Aug-25	-	169.71
Bond LXXV	18345.00	7.65%	11-Jan-24	310.59	10-Jan-25	310.59	11-Jan-26	-	-
Bond LXXV		7.65%	11-Jan-24	1092.81	10-Jan-25	1092.81	11-Jan-26	-	-
Bond LXXV		7.65%	11-Jan-24	235.31	10-Jan-25	0.00	11-Jan-26	-	235.31
Canara-01 (2024-2025) (Q2) (19.07.2024)	4800.00	8.15%	19-Jul-24	13.93	01-Mar-25	13.93	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (19.07.2024)		8.15%	19-Jul-24	33.23	01-Mar-25	33.23	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (19.07.2024)		8.15%	19-Jul-24	32.15	01-Mar-25	32.15	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (19.07.2024)		8.15%	19-Jul-24	33.23	01-Mar-25	33.23	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (19.07.2024)		8.15%	19-Jul-24	32.15	01-Mar-25	32.15	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (19.07.2024)		8.15%	19-Jul-24	33.23	01-Mar-25	33.23	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (19.07.2024)		8.15%	19-Jul-24	13.93	01-Mar-25	13.93	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (19.07.2024)		8.15%	19-Jul-24	18.22	01-Mar-25	18.22	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (19.07.2024)		8.15%	19-Jul-24	11.13	01-Mar-25	11.13	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (19.07.2024)		7.90%	19-Jul-24	16.68	01-Mar-25	16.68	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (19.07.2024)		7.90%	19-Jul-24	18.64	01-Mar-25	0.00	01-Apr-25	18.64	-
Canara-01 (2024-2025) (Q2) (22.07.2024)	1500.00	8.15%	22-Jul-24	3.35	01-Mar-25	3.35	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (22.07.2024)		8.15%	22-Jul-24	10.38	01-Mar-25	10.38	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (22.07.2024)		8.15%	22-Jul-24	10.05	01-Mar-25	10.05	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (22.07.2024)		8.15%	22-Jul-24	10.38	01-Mar-25	10.38	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (22.07.2024)		8.15%	22-Jul-24	10.05	01-Mar-25	10.05	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (22.07.2024)		8.15%	22-Jul-24	10.38	01-Mar-25	10.38	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (22.07.2024)		8.15%	22-Jul-24	4.35	01-Mar-25	4.35	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (22.07.2024)		8.15%	22-Jul-24	5.69	01-Mar-25	5.69	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (22.07.2024)		8.15%	22-Jul-24	3.48	01-Mar-25	3.48	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (22.07.2024)		7.90%	22-Jul-24	5.21	01-Mar-25	5.21	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (22.07.2024)		7.90%	22-Jul-24	5.83	01-Mar-25	0.00	01-Apr-25	5.83	-
Canara-01 (2024-2025) (Q2) (24.07.2024)	2250.00	8.15%	24-Jul-24	4.02	01-Mar-25	4.02	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (24.07.2024)		8.15%	24-Jul-24	15.57	01-Mar-25	15.57	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (24.07.2024)		8.15%	24-Jul-24	15.07	01-Mar-25	15.07	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (24.07.2024)		8.15%	24-Jul-24	15.57	01-Mar-25	15.57	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (24.07.2024)		8.15%	24-Jul-24	15.07	01-Mar-25	15.07	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (24.07.2024)		8.15%	24-Jul-24	15.57	01-Mar-25	15.57	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (24.07.2024)		8.15%	24-Jul-24	6.53	01-Mar-25	6.53	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (24.07.2024)		8.15%	24-Jul-24	8.54	01-Mar-25	8.54	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (24.07.2024)		8.15%	24-Jul-24	5.22	01-Mar-25	5.22	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (24.07.2024)		7.90%	24-Jul-24	7.82	01-Mar-25	7.82	01-Apr-25	-	-
Canara-01 (2024-2025) (Q2) (24.07.2024)		7.90%	24-Jul-24	8.74	01-Mar-25	0.00	01-Apr-25	8.74	-
Canara-02 (2024-2025) (Q3) (01.11.2024)	2975.00	8.15%	01-Nov-24	19.87	01-Mar-25	19.87	01-Apr-25	-	-
Canara-02 (2024-2025) (Q3) (01.11.2024)		8.15%	01-Nov-24	20.54	01-Mar-25	20.54	01-Apr-25	-	-
Canara-02 (2024-2025) (Q3) (01.11.2024)		8.15%	01-Nov-24	20.59	01-Mar-25	20.59	01-Apr-25	-	-
Canara-02 (2024-2025) (Q3) (01.11.2024)		8.15%	01-Nov-24	7.31	01-Mar-25	7.31	01-Apr-25	-	-
Canara-02 (2024-2025) (Q3) (01.11.2024)		7.90%	01-Nov-24	10.95	01-Mar-25	10.95	01-Apr-25	-	-
Canara-02 (2024-2025) (Q3) (01.11.2024)		7.90%	01-Nov-24	12.23	01-Mar-25	0.00	01-Apr-25	12.23	-
Canara-02 (2024-2025) (Q4) (17.01.2025)	899.99	8.15%	17-Jan-25	3.01	01-Mar-25	3.01	01-Apr-25	-	-
Canara-02 (2024-2025) (Q4) (17.01.2025)		8.15%	17-Jan-25	2.21	01-Mar-25	2.21	01-Apr-25	-	-
Canara-02 (2024-2025) (Q4) (17.01.2025)		7.90%	17-Jan-25	3.31	01-Mar-25	3.31	01-Apr-25	-	-
Canara-02 (2024-2025) (Q4) (17.01.2025)		7.90%	17-Jan-25	3.70	01-Mar-25	0.00	01-Apr-25	3.70	-
Canara-02 (2024-2025) (Q4) (20.01.2025)	8097.63	8.15%	20-Jan-25	21.70	01-Mar-25	21.70	01-Apr-25	-	-
Canara-02 (2024-2025) (Q4) (20.01.2025)		8.15%	20-Jan-25	19.89	01-Mar-25	19.89	01-Apr-25	-	-
Canara-02 (2024-2025) (Q4) (20.01.2025)		7.90%	20-Jan-25	29.79	01-Mar-25	29.79	01-Apr-25	-	-
Canara-02 (2024-2025) (Q4) (20.01.2025)		7.90%	20-Jan-25	33.30	01-Mar-25	0.00	01-Apr-25	33.30	-
HDFC-03 (2024-2025) (Q4) (29.03.2025) (2024-25) (IR Replacement)	60.27	8.00%	29-Mar-25	0.00	29-Mar-25	0.00	29-Mar-25	-	-
HDFC-03 (2025-2026) (Q1) (02.04.2025) (2025-26) (IR Replacement)	327.56	0.00%	02-Apr-25	0.00	02-Apr-25	0.00	02-Apr-25	-	-
Total	**56986.45**			**4689.20**		**4135.16**		**86.10**	**467.94**

Total IDC as per Cost Certificate	4689.20
IDC Discharged upto DOCO	4135.16
Accrual IDC upto DOCO (To be Discharged during 2024-2025)	86.10
Accrual IDC upto DOCO (To be Discharged during 2025-2026)	467.94

Certified that Interest on SBI/Canara Loan is paid monthly and Interest on Bonds is paid annually/quarterly as per terms of Agreement /terms of issue of bonds and no default has been made in respect of debt servicing.

POWER GRID CORPORATION OF INDIA LTD.

ELEMENTC ODE	QUARTER	YEAR	BEGDA	ENDDA	DOCO	QTR_DAYS	NO_OF_DAYS	EXP_OB	EXP_ADD	EXP_CB	FUNDING_OB	DRAWL_LOAN	REPAYMENT_LOAN	FUNDING_CB	NOR_FUNDING	IDC_BASE	RATE	Notional IDC
0724001	2	2022	01-07-2022	30-09-2022	03-07-2024	92	92	0.00	5.94	5.94	0.00	0.00	0.00	0.00	4.16	4.16	1.75	0.07
0724001	3	2022	01-10-2022	31-12-2022	03-07-2024	92	92	5.94	8.36	14.30	0.00	0.00	0.00	0.00	10.01	10.01	1.75	0.18
0724001	4	2022	01-01-2023	31-03-2023	03-07-2024	90	90	14.30	213.04	227.34	0.00	50.00	0.00	50.00	159.14	109.14	2.00	2.19
0724001	1	2023	01-04-2023	30-06-2023	03-07-2024	91	91	227.34	60.92	288.26	50.00	0.00	0.00	50.00	201.78	151.78	2.03	3.08
0724001	2	2023	01-07-2023	30-09-2023	03-07-2024	92	92	288.26	85.84	374.10	50.00	0.00	0.00	50.00	261.87	211.87	2.05	4.34
0724001	3	2023	01-10-2023	31-12-2023	03-07-2024	92	92	374.10	31.02	405.12	50.00	0.00	0.00	50.00	283.58	233.58	2.05	4.79
0724001	4	2023	01-01-2024	31-03-2024	03-07-2024	91	91	405.12	2,578.47	2,983.59	50.00	2,063.02	0.00	2,113.02	2,088.51	0.00	1.91	-
0724001	1	2024	01-04-2024	30-06-2024	03-07-2024	91	91	2,983.59	1,418.73	4,402.32	2,113.02	934.00	52.59	2,994.43	3,081.62	87.19	1.94	1.70
0724001	2	2024	01-07-2024	30-09-2024	03-07-2024	92	2	4,402.32	6.08	4,408.40	2,994.43	0.00	0.00	2,994.43	3,085.88	91.45	1.97	0.04
Total									**4,408.40**			**3,047.02**	**52.59**					**16.39**

320

POWER GRID CORPORATION OF INDIA LTD.

453

Encl-15

ELEMENTID	QUARTER	YEAR	REGOA	ENDOA	DOCO	QTR_DAYS	NO_OF_DAYS	EXP_OB	EXP_ADD	EXP_CB	FUNDING_DB	DRAWL_LOAN	REPAYMENT_LOAN	FUNDING_CB	NON_FUNDING	IDC_BASE	RATE	NotionalIDC
0724002	1	2022	01-04-2022	30-06-2022	20-03-2025	91	91	0.00	2,486.70	2,486.70	0.00	0.00	0.00	0.00	1,740.69	1,740.69	1.75	30.46
0724002	2	2022	01-07-2022	30-09-2022	20-03-2025	92	92	2,486.70	2,592.48	5,079.18	0.00	0.00	0.00	0.00	3,555.43	3,555.43	1.75	62.22
0724002	3	2022	01-10-2022	31-12-2022	20-03-2025	92	92	5,079.18	1,457.31	6,536.49	0.00	1,025.74	0.00	1,025.74	4,575.54	3,549.80	1.92	68.00
0724002	4	2022	01-01-2023	31-03-2023	20-03-2025	90	90	6,536.49	5,895.10	12,431.59	1,025.74	12,293.26	0.00	13,319.00	8,702.11	0.00	1.85	-
0724002	1	2023	01-04-2023	30-06-2023	20-03-2025	91	91	12,431.59	6,785.77	19,217.36	13,319.00	0.00	192.33	13,126.67	13,452.15	325.48	1.86	6.06
0724002	2	2023	01-07-2023	30-09-2023	20-03-2025	92	92	19,217.36	6,462.06	25,679.42	13,126.67	4,412.00	307.33	17,231.34	17,975.59	744.25	1.89	14.03
0724002	3	2023	01-10-2023	31-12-2023	20-03-2025	92	92	25,679.42	4,420.01	30,099.43	17,231.34	0.00	376.32	16,855.02	21,069.60	4,214.58	1.89	79.46
0724002	4	2023	01-01-2024	31-03-2024	20-03-2025	91	91	30,099.43	22,262.63	52,362.06	16,855.02	18,345.00	307.33	34,892.69	36,653.44	1,760.75	1.88	33.16
0724002	1	2024	01-04-2024	30-06-2024	20-03-2025	91	91	52,362.06	7,659.01	60,021.07	34,892.69	0.00	373.72	34,518.97	42,014.75	7,495.78	1.89	141.67
0724002	2	2024	01-07-2024	30-09-2024	20-03-2025	92	92	60,021.07	5,415.40	65,436.47	34,518.97	8,550.00	748.53	42,320.44	45,805.53	3,485.09	1.94	67.44
0724002	3	2024	01-10-2024	31-12-2024	20-03-2025	92	92	65,436.47	4,660.12	70,096.59	42,320.44	2,975.00	375.23	44,920.21	49,067.61	4,147.40	1.95	80.73
0724002	4	2024	01-01-2025	31-03-2025	20-03-2025	90	78	70,096.59	10,758.59	80,855.18	44,920.21	8,997.62	2,616.83	51,301.00	56,598.63	5,297.63	1.91	87.68
Total									**80,855.18**			**56,598.62**	**5,297.62**					**670.91**

321

POWER GRID CORPORATION OF INDIA LTD.

Asset-1

End-16

Summary of Tariff

Form No. - 1

Name of the Transmission Licensee:	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Year Days	365.00	365.00	365.00	366.00	365.00
Tariff Days	272.00	365.00	365.00	366.00	365.00
Depreciation-Form No. 10A	152.31	235.45	249.24	249.60	249.60
Interest on Loan-Form No. 9E	193.90	286.28	285.10	265.81	246.06
Return on Equity-Form No. 8	196.79	304.23	322.04	322.52	322.52
Int. on Working capital-Form No.11	22.29	32.38	33.85	34.62	35.61
Op. and maintenance-Form No.2	329.83	466.22	489.95	515.34	543.87
Total AFC	895.12	1,324.56	1,380.18	1,387.89	1,397.66

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Summary of Asset Level Cost

Form No. - 1A

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

A) Summary of Capital Cost, Means of Finance of the Asset

(Amount in Rs. Lakh)

Particular	i) Apportioned Approved Cost		ii) Summary of Actual / Projected Capital Expenditure incurred						
	As Per IA	As per RCE	As on COD / 01.04.2024	2024-25	2025-26	2026-27	2027-28	2028-29	As on 31.03.2029
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	0.00	0.00	5,177.74	639.20	97.84	0.00	0.00	0.00	5,914.78
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Capital Cost as per Books	0.00	0.00	5,177.74	639.20	97.84	0.00	0.00	0.00	5,914.78
Less: Liability	0.00	0.00	752.97	0.00	0.00	0.00	0.00	0.00	0.00
Add:discharge of liability	0.00	0.00	0.00	197.38	538.14	17.45	0.00	0.00	0.00
De cap During Year As per Books	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Capital incurred	0.00	0.00	4,424.77	836.58	635.98	17.45	0.00	0.00	5,914.78
Equity	1,313.72	0.00	1,327.43	250.97	190.79	5.23	0.00	0.00	1,774.42
Debt	3,065.35	0.00	3,097.34	585.61	445.19	12.22	0.00	0.00	4,140.36

Details of Transmission Lines and Substations, Communication System covered in the project scope and O&M for instant asset

Form No. - 2

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

1. Transmission Lines

(Amount in Rs. Lakh)

Summary:

324

POWER GRID CORPORATION OF INDIA LTD.

2. Sub Station

Name of Sub-station	Type of Substation	Voltage Level KV	No. of Transforms/ Reactor/ SVC etc. (with capacity)	No. of Bays				MVA/MVAR Capacity				Date of Comm. operation	Covered in the present petition	
				765 KV	400 KV	220 KV	132 KV	765 KV	400 KV	220 KV	132 KV		Yes/ No	If No, Petition No.
Padghe:765KV ICT-III BAY AT PADGHE GIS	GIS	765 KV		1.000								Jul 3, 2024	Y	
Padghe:400KV ICT-III BAY AT PADGHE GIS	GIS	400 KV			1.000							Jul 3, 2024	Y	
Padghe:ICT III AT PADGHE	GIS	765 KV	1.000					1500.0				Jul 3, 2024	Y	

323

Summary:

O&M Expenses For Substations Covered in the instant petition	2024-25	2025-26	2026-27	2027-28	2028-29
765KV SUB-STATION ICT					
Normative Rate of O&M as per Regulation	0.262	0.276	0.29	0.305	0.322
No. of Units	1.00	1.00	1.00	1.00	1.00
O&M Claimed	292.87	414.00	435.00	457.50	483.00
400 KV GIS SUBSTATION					
Normative Rate of O&M as per Regulation	20.671	21.756	22.897	24.101	25.361
No. of Units	1.00	1.00	1.00	1.00	1.00
O&M Claimed	15.40	21.76	22.90	24.10	25.36

POWER GRID CORPORATION OF INDIA LTD.

458

765 kV GIS Substation					
Normative Rate of O&M as per Regulation	28.938	30.457	32.053	33.74	35.511
No. of Units	1.00	1.00	1.00	1.00	1.00
O&M Claimed	21.56	30.46	32.05	33.74	35.51

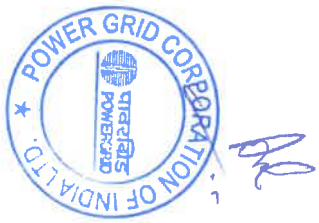
326

POWER GRID CORPORATION OF INDIA LTD.

3. **Communication System**

Summary:

327



Summary of O&M Expenses claim

(Amount in Rs. Lakh)

Particular	2024-25	2025-26	2026-27	2027-28	2028-29
A) Normative O&M					
Transmission Line	0.00	0.00	0.00	0.00	0.00
Substation	329.83	466.22	489.95	515.34	543.87
Communication System	0.00	0.00	0.00	0.00	0.00
Total Normative O&M	329.83	466.22	489.95	515.34	543.87
B) O&M Claimed under Regulation 35 (3)(C) (* The same is not being claimed and will be claimed through separate Petition)					
*Security Expenses	0.00	0.00	0.00	0.00	0.00
*Actual Capital Spare consumed	0.00	0.00	0.00	0.00	0.00
*Insurance Premium Paid	0.00	0.00	0.00	0.00	0.00
Total O&M	329.83	466.22	489.95	515.34	543.87

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD.

Normative parameters considered for tariff computations

Form No. - 3

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

(Amount in Rs. Lakh)

Particulars	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Base Rate of Return of Equity (in %)						
Tax Rate (in %)	17.472	17.472	17.472	17.472	17.472	17.472
Effective tax rate (in %)						
Grossed up Rate for ROE of 15.5% (in %)	18.782	18.782	18.782	18.782	18.782	18.782
Grossed up Rate for ROE of 15.0% (in %)	18.176	18.176	18.176	18.176	18.176	18.176
Target availability - AC System (in %)	98.00	98.00	98.00	98.00	98.00	98.00
Target availability - HVDC System (in %)	96.00	96.00	96.00	96.00	96.00	96.00
Norms for sub-station Bays (Rs Lakh per bay)						
765 kV	51.68	41.34	43.51	45.79	48.20	50.73
400 kV	36.91	29.53	31.08	32.71	34.43	36.23
220 kV	25.84	20.67	21.75	22.90	24.10	25.36
132 kV and below	18.46	15.78	16.61	17.48	18.40	19.35
Norms for Transformers (Rs Lakh per MVA)						
765 kV	0.564	0.262	0.276	0.29	0.305	0.322
400 kV	0.411	0.262	0.276	0.29	0.305	0.322
220 kV	0.282	0.262	0.276	0.29	0.305	0.322
132 kV and below	0.282	0.262	0.276	0.29	0.305	0.322
Norms for Reactor (Rs Lakh per MVAR)						
765 kV	0.00	0.262	0.276	0.29	0.305	0.322
400 kV	0.00	0.262	0.276	0.29	0.305	0.322

462

POWER GRID CORPORATION OF INDIA LTD.

220 kV	0.00	0.262	0.276	0.29	0.305	0.322
132 kV and below	0.00	0.262	0.276	0.29	0.305	0.322
Norms for AC and HVDC lines (Rs Lakh per km)						
Single Circuit (Bundled Conductor with six or more sub-conductors)	1.011	0.861	0.906	0.953	1.003	1.056
Single Circuit (Bundled conductor with four sub-conductors)	0.867	0.738	0.776	0.817	0.86	0.905
Single Circuit (Twin & Triple Conductor)	0.578	0.492	0.518	0.545	0.573	0.603
Single Circuit (Single Conductor)	0.289	0.246	0.259	0.272	0.287	0.302
Double Circuit (Bundled conductor with four or more sub-conductors)	1.517	1.291	1.359	1.43	1.506	1.585
Double Circuit (Twin & Triple Conductor)	1.011	0.861	0.906	0.953	1.003	1.056
Double Circuit (Single Conductor)	0.433	0.369	0.388	0.409	0.43	0.453
Multi Circuit (Bundled Conductor with four or more sub-conductor)	2.662	2.266	2.385	2.51	2.642	2.781
Multi Circuit (Twin & Triple Conductor)	1.773	1.509	1.588	1.671	1.759	1.851
Norms for HVDC stations (Rs Lakh/MW)						
HVDC Back-to-Back stations (Rs Lakh/MW) (Except Gazuwaka BTB)	0.00	2.07	2.18	2.30	2.42	2.55
Gazuwaka HVDC Back-to-Back station (Rs Lakh/MW)	0.00	1.83	1.92	2.03	2.13	2.24
HVDC bipole scheme (Rs Lakh/MW)	0.00	1.04	1.10	1.16	1.22	1.28

(Petitioner)

Statement of Capital cost

Form No. - 4A

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

A) Capital Cost

(Amount in Rs. Lakh)

Particular	Accrual Basis	Un-discharged Liabilities	Cash Basis
As on relevant date :2024-25			
a) Opening Gross Block Amount as per books	5,177.74	752.97	4,424.77
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	95.29	75.53	19.76
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	204.38	0.00	204.38
a) Addition in Gross Block Amount during the period	639.20	0.00	639.20
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00
a) Closing Gross Block Amount as per books	5,816.94	555.59	5,261.35
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	95.29	0.00	95.29
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	204.38	0.00	204.38
As on relevant date :2025-26			
a) Opening Gross Block Amount as per books	5,816.94	555.59	5,261.35
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	95.29	0.00	95.29

c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	204.38	0.00	204.38

a) Addition in Gross Block Amount during the period	97.84	0.00	97.84
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00

a) Closing Gross Block Amount as per books	5,914.78	17.45	5,897.33
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	95.29	0.00	95.29
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	204.38	0.00	204.38

As on relevant date :2026-27			
a) Opening Gross Block Amount as per books	5,914.78	17.45	5,897.33
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	95.29	0.00	95.29
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	204.38	0.00	204.38

332

a) Addition in Gross Block Amount during the period	0.00	0.00	0.00
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00

a) Closing Gross Block Amount as per books	5,914.78	0.00	5,914.78
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	95.29	0.00	95.29
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	204.38	0.00	204.38

As on relevant date :2027-28			
a) Opening Gross Block Amount as per books	5,914.78	0.00	5,914.78
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	95.29	0.00	95.29
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	204.38	0.00	204.38

a) Addition in Gross Block Amount during the period	0.00	0.00	0.00
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00

a) Closing Gross Block Amount as per books	5,914.78	0.00	5,914.78
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	95.29	0.00	95.29
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	204.38	0.00	204.38

As on relevant date :2028-29			
a) Opening Gross Block Amount as per books	5,914.78	0.00	5,914.78
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	95.29	0.00	95.29
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	204.38	0.00	204.38

333

a) Addition in Gross Block Amount during the period	0.00	0.00	0.00
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00

a) Closing Gross Block Amount as per books	5,914.78	0.00	5,914.78
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	95.29	0.00	95.29
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	204.38	0.00	204.38

B) Flow of liability for the Asset

(Amount in Rs. Lakh)

Particular	2024-2025	2025-2026	2026-2027						
Opening balance of liability	752.97	555.59	17.45	0.00	0.00	0.00	0.00	0.00	0.00
Add: Liability from ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

POWER GRID CORPORATION OF INDIA LTD.

Discharge of liability by payment and claimed as ACE	197.38	538.14	17.45	0.00	0.00	0.00	0.00	0.00	0.00
Reversal/cancelation (to be entered)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Closing Balance of Admitted liability	555.59	17.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00

(Petitioner)

534

POWER GRID CORPORATION OF INDIA LTD.

Abstract of Capital Cost Estimates and Schedule of Commissioning for New Project/Element		PART- III FORM- 4C
Name of the Petitioner	Power Grid Corporation of India Ltd	
Name of the Region	Western Region	
Name of the Project	Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B	
Name of the Asset	1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation	
DOCO	03.07.2024	
Board of Director/ Agency approving the Capital cost estimates:	CMD, POWERGRID	
Date of approval of the Capital cost estimates:	07.07.2022	
	Present Day Cost	**Completed Cost**
Price level of approved estimates	As of End of Q4 Qtr. of the year 2021-22	As on Scheduled COD of the transmission system/transmission element/ Communication System
Foreign Exchange rate considered for the Capital cost estimates	-	-
Capital Cost excluding IDC, IEDC& FC		
Foreign Component, if any (In Million US $ or the relevant Currency)	-	-
Domestic Component (Rs. Lakh)	3932.78	5598.73
Capital cost excluding IDC, FC, FERV & Hedging Cost (Rs. Lakh)	3932.78	5598.73
IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US $ or the relevant Currency)	-	-
Domestic Component (Rs Lakh)	446.29	299.67
Total IDC, FC, FERV & Hedging Cost (Rs Lakh)	446.29	299.67
Rate of taxes & duties considered	18% GST	18% GST
Capital cost Including IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US $ or the relevant Currency)	-	-
Domestic Component (Rs Lakh)	4379.07	5898.40
Capital cost Including IDC, IEDC& FC (Rs Lakh)	4379.07	5898.40
Schedule of Commissioning		
COD of transmission system 1 /transmission element 1/Communication System 1		
COD of transmission system 1/ transmission element 2/ Communication System 2		

COD of last transmission system /transmission element / Communication System		03.07.2024

Note:
1. Copy of approval letter by the Board duly certified by the Company secretary should be enclosed
2. Details of Capital Cost are to be furnished as per FORM-5 or 5A as applicable
3. Details of IDC & Financing Charges are to be furnished as per FORM-12(B).

(Petitioner)

POWER GRID CORPORATION OF INDIA पावरग्रिड POWERGRID

Form 5

Element wise Break-up of Project/Asset/Element Cost for Transmission System or Communication System

Name of the Petitioner	Power Grid Corporation of India Ltd
Name of the Region	Western Region
Name of the Project	Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B
Name of the Asset	1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation
DOCO	03.07.2024

Cost in Lakh

S. No. (1)	Particulars (2)	As per Original Estimates (3)			As per Revised Cost Estimates (if any) (4)			Actual Capital Expenditure (Gross Block) as on COD as per Books of Account[3,4,5] (5)			The portion Capital cost included in col. 5 which is not eligible for transmission tariff (eg. Grant, other business etc.[6] (6)	Projected/actual cost of Deferred work to be capitalised after COD but before cut off date (7)	Variation between actual Cost and IA/RCE cost as on COD (8=(3 or 4)-(5-6+7))	Reasons for Variation 1 (9)	Un- Discharge Liabilities included in Col. 5 (10)	Admitted cost [7] (11)	Capital Work in Progress as per Books of Account as on COD (12)
		Qty	rate	Estimated Cost	Quantity	Rate	Estimated Cost	Quantity	Rate	Gross Block of the asset							
A	**TRANSMISSION LINE**																
1	**Preliminary works**																
1.1	Design & Engineering																
1.2	Preliminary Investigation, Right of way, forest clearance, PTCC, general civil works etc.	LS		0						-		-	0.00				
1.3	**Total Preliminary works (1.1+1.2)**			**0**						-		-			-		
2	**Transmission Lines material**																
2.1	Towers Steel (MT)		0.00	0.00						-		-	0.00				
2.2	Conductor (km)		0.00	0.00					0.00	-		-	0.00				
2.3	Earth Wire (km)		0.00	0.00					0.00	-		-	0.00				
2.4	Insulators (nos)		0.00	0.00					0.00	-		-	0.00				
2.5	Hardware Fittings (nos)	LS	0.00	0.00					0.00	-		-	0.00				
2.6	Conductor & Earth wire accessories	LS	0.00	0.00					0.00	-		-	0.00				
2.7	Spares (testing Eqpt)	LS	0.00	0.00					0.00	-		-	0				
2.8	Erection, Stringing & Civil works including foundation	LS	0.00	0.00					0.00	-		-	0.00				
2.9	**Total Transmission Lines material (2.1+2.2+2.3+2.4+2.5+2.6+2.7+2.8)**			**0**						-		-	0.00		-		
3	**Taxes and Duties**																
3.1	Custom Duty																
3.2	Other Taxes & Duties																
3.3	**Total Taxes & Duties (3.1+3.2)**			**0**						-		-					
3.4	**Total - Transmission lines (1.3+2.9+3.3)**			**0**						-		-			-		
B.	**SUBSTATIONS**																
4	**Preliminary works & land**																
4.1	Design & Engineering	0	0					0	0				0.00				
4.2	Land[2]	0	0					0	0				0.00				
4.3	Site preparation	0	0					0	0				0.00				
4.4	**Total Preliminary works & land (4.1+4.2+4.3)**			**0.00**						-		-					
5	**Civil Works**																
5.1	Control Room & Office Building including HVAC																
5.2	Township & Colony																
5.3	Roads and Drainage																
5.4	Foundation for structures	LS	46.19	46.19				LS	0.00				46.19				
5.5	Misc. civil works	LS	0	0.00				LS	0				0.00		-		
5.6	**Total Civil Works (5.1+5.2+5.3+5.4+5.5)**			**46.19**						-		-			-		
6	**Substation Equipment**																
6.1	Switchgear (CT,PT, Circuit Breaker, Isolator etc)		73.45	73.45					107.68	107.68		1.22	-35.45		8.99		
6.2	Transformers		3601.6	3601.58					4443.84	4443.84		732.32	-1574.58		642.55		
6.3	Compensating Equipment (Reactor, SVCs etc)		0						0				0.00				
6.4	Control , Relay & Protection Panel	LS	13.26	13.26				LS	19.44	19.44		0.22	-6.40		1.62		

POWER GRID CORPORATION OF INDIA LTD.

6.5	PLCC	LS	0.00					LS	0.00				0.00				
6.6	HVDC package	-	0.00					-	0.00				0.00				
6.7	Bus Bars / conductors / Insulators	LS	0.00					LS	0.00				0.00				
6.8	Outdoor lighting	LS	0.00					LS	0.00				0.00				
6.9	Emergency D.G. Set		0.00						0.00				0.00				
6.1	Grounding System		0.00						0.00				0.00				
6.11	Structure for switchyard	LS	198.30	198.30				LS	290.73	290.73		3.28	-95.71		24.28		
	Substation Auxiliaries	LS	0.00					LS	0.00				0.00				
6.12	**Total Substation Equipment** (Sum of 6.1 to 6.11)			**3886.59**						**4861.69**		**737.04**			**677.44**		
7	**Spares**	LS						LS					0.00				
8	**Taxes and Duties**																
8.1	Custom Duty	0	0					0									
8.2	Other Taxes & Duties	0	0					0									
8.3	**Total Taxes & Duties** (8.1+8.2+8.3)			**0.00**						-		-					
8.4	**Total (Sub-station)** (4.4+5.6+6.12+7+8.3)			**3932.78**						**4,861.69**		**737.04**			**677.44**		
C	**Communication System**																
9.1	Preliminary Works	0	0					0									
9.2	Communication System equipment's	0	0					0									
	Communication spares	-	0					-									
9.3	Taxes and Duties	0	0					0									
9.4	**Total (Communication System)** (9.1+9.2+9.3)			**0.00**						-		-			-		
10	**Cost of Plant & Machinery** (3.4+8.4+9.4)			3932.78						4,861.69		737.01			677.11		
11	**Construction and pre-commissioning expenses**																
11.1	Site supervision & site administration etc	0	0					0									
11.2	Tools & Plants	0	0	0.00				0									
11.3	Construction Insurance	0	0					0									
11.4	**Total Construction and pre commissioning expenses** (11.1+11.2+11.3)			**0.00**						-		-					
12.0	**Over heads**																
12.1	Establishment	LS	196.64	196.64				LS		204.38			-7.74	As per actual IEDC Expenditure			
12.2	Audit & Accounts	0	0					0									
12.3	Contingency	0	117.98	117.98				0									
12.4	Other overheads	0	0	0.00				0									
12.5	**Total Overheads** (12.1+12.2+12.3+12.4)			**314.62**						**204.38**		-					
13	**IDC, FC, FERV & Hedging Cost**																
13.1	Interest During Construction (IDC)	LS	131.67	131.67				LS		95.29			36.38	As per actuals			
13.2	Financing Charges (FC)	0	0					0									
13.3	Foreign Exchange Rate Variation (FERV)	0	0					0									
13.4	Hedging Cost	0	0					0									
13.5	**Total of IDC, FC, FERV & Hedging Cost** (13.1+13.2+13.3+13.4)			**131.67**						**95.29**		-					
14	**Capital cost including IDC, FC, FERV & Hedging Cost** (10+11.4+12.5+13.5)			**4379.07**						**5,161.36**		**737.04**	**-1519.33**		**677.44**		

B) Summary of Capital Cost as on COD

Particular	Plant & Machinery Cost including initial spare but excluding IDC&IEDC	Initial Spare capitalised	IEDC capitalised	IDC capitalised	Loan FERV	*Gross Block as per books of Account as on COD*	Deduction from Gross Block3	Gross block meant for tariff as on COD / 01.04.2019 (after deductions)	Un- discharged liability included in 8	Capital Cost on Cash basis for tariff as on COD / as on 01-04-2019
	1	2	3	4	5	6=(1+3+4+5)	7.00	8=(6-7)	9	10=(8-9)
Land (Freehold Land)										
Land (Leasehold)	-		-	-	-	-	-	-	-	-
Building & Civil Works	-					-		-	-	-
Transmission Line	-					-	-	-	-	-
Sub-Station	4,861.69	63.64	204.38	95.29		5,161.36	-	5,161.36	677.44	4,483.92
PLCC	-		-	-		-	-	-	-	-
Total Capital Cost as per Books of Account	4,861.69	63.64	204.38	95.29	-	5,161.36		5,161.36	677.44	4,483.92
Less: Un-discharged liabilities	677.44	0	0	0	0	677.44				
Total Capital Cost Claimed for tariff	4,184.25	63.64	204.38	95.29	0.00	4,483.92				
% of IDC / IEDC on the base of (Plant & Machinery cost										
Means of Finance										
Equity										
Debt										
Other										

Petitioner

S37

POWER GRID CORPORATION OF INDIA LTD.

Form 5A

Break-up of Construction/Supply/Service Packages

Name of the Transmission Licensee : Power Grid Corporation of India Ltd.
Name of the Region : Western Region
Name of the project : TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B
Name of the Transmission Element : 1x500MVA 765KV ICT at Padghe 765KV GIS Substation along with ICT bays
DOCO: 03.07.2024

Rs in lakhs

S. No.	Name/No. of Construction /supply/service package	Scope of works[1] (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Departmentall y/ Deposit Work, etc.	No. of bids received	Date of Award	Date of Start of work	Date of Completio n of Work	Value of Award[1]in (Rs. Lakh).	Firm or With Escalatio n in prices	Actual expenditure till the completion or up to COD whichever is earlier (Rs. Lakh)	Taxes & Duties and IEDC (Rs. Lakh)	IDC, FC, FERV & Hedgi ng cost (Rs. Lakh)	Sub- Total (Rs. Lakh)
1	Supply of Goods Contract for Substation Package-SS-84 for Extension of 765/400KV Padghe GIS S/s	JV of M/s KEC & Hyosung			29.08.2022			212.89		162.37	40.80	2.70	205.88
2	Supply of Services Contract or Substation Package-SS-84 for Extension of 765/400KV Padghe GIS S/s	JV of M/s KEC & Hyosung			29.08.2022			209.7		157.78	38.37	2.61	198.76
3	Supply of Goods Contract TR35 : 1500MVA, 765KV Transformer package at Padghe S/s	M/s BHEL			01.09.2022			5106.06		3,156.98	832.31	89.98	4,079.27
4	Supply of Services Contract TR 35 : 1500MVA, 765KV Transformer package at Padghe S/s	M/s BHEL			01.09.2022			70.1014					
								5598.7314		3,477.13	911.48	95.29	4,483.91

Petitioner

238

POWER GRID CORPORATION OF INDIA LTD. REGISTERED

Form No. - 6

Financial Package upto COD

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

(Amount in Rs. Lakh)

Particulars	Financial Package as Approved		Financial Package as on COD 01/04/2024		As Admitted on COD 01/04/2024	
	Currency	Amount	Currency	Amount	Currency	Amount
Loans		0.00		0.00		0.00
Loan-Domestic		0.00		0.00		0.00
Loan-Foreign		0.00		0.00		0.00
Total Loans	INR	3,065.35	INR	3,097.34		0.00
Equity		0.00		0.00		0.00
Foreign		0.00		0.00		0.00
Domestic	INR	1,313.72	INR	1,327.43		0.00
Total Equity	INR	1,313.72	INR	1,327.43		0.00
Debt Equity Ratio					70:30	
Total Cost	INR	4,379.07	INR	4,424.77		0.00

Particulars	Debt	Equity	Total	
Addcap for 2024 - 2025			836.58	
Addcap for 2025 - 2026			635.98	
Addcap for 2026 - 2027			17.45	
Addcap for 2027 - 2028		472	0.00	

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Addcap for 2028 - 2029			0.00	

Particulars	Actual	Normative	
Addcap for 2024 - 2025			
Equity		250.97	
Debt		585.61	
Total		836.58	
Addcap for 2025 - 2026			
Equity		190.79	
Debt		445.19	
Total		635.98	
Addcap for 2026 - 2027			
Equity		5.23	
Debt		12.22	
Total		17.45	
Addcap for 2027 - 2028			
Equity		0.00	
Debt		0.00	
Total		0.00	
Addcap for 2028 - 2029			
Equity		0.00	
Debt		0.00	
Total		0.00	
Total Capital cost with Addcap		5,914.78	

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD.

Form No. - 7

Statement of Additional Capitalisation after COD

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

(Amount in Rs. Lakh)

Particulars	Addition into Gross Block as per books of Account during the year (2)	De-Cap into Gross Block as per books of Account during the year	Less: Deductions dr. the year towards				Add: Discharge of earlier admitted liability	ACE on cash basis for tariff purpose	Admitted Cost in final tariff (Rs Lakh)
			Grants Received (if any) (3)	Asset pertaining to other business (If any) (4)	Other Deduction (if any) (5)	Less: Un-discharged liability included in (2-4-5)			
ACE for the year :2024-25 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	639.20	0.00	0.00	0.00	0.00	0.00	197.38	836.58	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	639.20	0.00	0.00	0.00	0.00	0.00	197.38	836.58	0.00
ACE for the year :2025-26 (Actual/Projected)									

POWERGRID CORPORATION OF INDIA LTD.

Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	97.84	0.00	0.00	0.00	0.00	0.00	538.14	635.98	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	97.84	0.00	0.00	0.00	0.00	0.00	538.14	635.98	0.00
ACE for the year :2026-27 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	17.45	17.45	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	17.45	17.45	0.00
ACE for the year :2027-28 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

POWER GRID CORPORATION OF INDIA LTD.

Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE for the year :2028-29 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD.

Form No. - 7A

Financing of Additional Capitalisation

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

(Amount in Rs. Lakh)

Financial Year (Starting of COD)	Actual/Projected					Admitted				
	2024-25	2025-26	2026-27	2027-28	2028-29	2024-25	2025-26	2026-27	2027-28	2028-29
Amount capitilized in Work/ Equipment										
Financing Details										
Total Loan	585.61	445.19	12.22	0.00	0.00					
Equity	250.97	190.79	5.23	0.00	0.00					
Total	836.58	635.98	17.45	0.00	0.00					

POWER GRID CORPORATION OF INDIA LTD.

(Petitioner)

Form No. - 8

Calculation of ROE

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No. of Days in the year	365.00	365.00	365.00	366.00	365.00
No. of days for which tariff claimed	272.00	365.00	365.00	366.00	365.00
Opening Normative Equity	1,327.43	1,578.40	1,769.19	1,774.42	1,774.42
Less: Adjustment in Equity*	0.00	0.00	0.00	0.00	0.00
Adjustment during the year	0.00	0.00	0.00	0.00	0.00
Net opening equity (Normal)	1,327.43	1,578.40	1,769.19	1,774.42	1,774.42
Add: Increase in Equity due to addition during the year / period	191.76	29.35	0.00	0.00	0.00
Less: Decrease due to de-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
Add: Increase due to discharge during the year / period	59.21	161.44	5.23	0.00	0.00
Closing Normative Equity	1,578.40	1,769.19	1,774.42	1,774.42	1,774.42
Average Normative Equity	1,452.92	1,673.80	1,771.81	1,774.42	1,774.42
Rate of return on Equity (%)	18.176	18.176	18.176	18.176	18.176
Reduced rate of 1% decided by commission under Regulation 30(2) (if any)	0.00	0.00	0.00	0.00	0.00
Effective rate of ROE	15.00	15.00	15.00	15.00	15.00
MAT/Corporate Rate	17.472	17.472	17.472	17.472	17.472
Grossed up rate of ROE	18.176	18.176	18.176	18.176	18.176
Return on Equity	264.08	304.23	322.04	322.52	322.52
Pro rata return on Equity	196.79	304.23	322.04	322.52	322.52

(Petitioner)

Calculation of WAR of interest on actual loan

Form No. - 9C

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
SBI-04 -DOCO FUNDING					
Gross Loan- Opening	934.00	934.00	934.00	934.00	934.00
Cumulative repayments of Loans upto previous year	52.59	107.68	217.85	328.03	438.21
Net loan-Opening	881.41	826.32	716.15	605.97	495.79
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	55.09	110.18	110.18	110.18	110.18
Net Loan-Closing	826.32	716.14	605.97	495.79	385.61
Average Net Loan	853.87	771.23	661.06	550.88	440.70
Rate of Interest on Loan on Annual Basis	8.20	8.20	8.20	8.20	8.20
Interest on loan	70.0173	63.2409	54.2069	45.1722	36.1374
Canara-01 -ADD CAP 2024-25					
Gross Loan- Opening	0.00	487.74	487.74	487.74	487.74
Cumulative repayments of Loans upto previous year	0.00	0.00	57.38	114.76	172.14
Net loan-Opening	0.00	487.74	430.36	372.98	315.60
Add: Drawl(s) during the year	487.74	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	57.38	57.38	57.38	57.38
Net Loan-Closing	487.74	430.36	372.98	315.60	258.22

POWER GRID CORPORATION OF INDIA LTD.

Average Net Loan	243.87	459.05	401.67	344.29	286.91
Rate of Interest on Loan on Annual Basis	8.15	8.15	8.15	8.15	8.15
Interest on loan	19.8754	37.4126	32.7361	28.0596	23.3832

Canara-01 -DOCO FUNDING					
Gross Loan- Opening	50.00	50.00	50.00	50.00	50.00
Cumulative repayments of Loans upto previous year	0.00	2.78	8.33	13.89	19.44
Net loan-Opening	50.00	47.22	41.67	36.11	30.56
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	2.78	5.56	5.56	5.56	5.56
Net Loan-Closing	47.22	41.66	36.11	30.55	25.00
Average Net Loan	48.61	44.44	38.89	33.33	27.78
Rate of Interest on Loan on Annual Basis	8.15	8.15	8.15	8.15	8.15
Interest on loan	3.9617	3.6219	3.1695	2.7164	2.2641

Canara-01 -DOCO FUNDING					
Gross Loan- Opening	38.84	38.84	38.84	38.84	38.84
Cumulative repayments of Loans upto previous year	0.00	2.16	6.47	10.79	15.10
Net loan-Opening	38.84	36.68	32.37	28.05	23.74
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	2.16	4.32	4.32	4.32	4.32
Net Loan-Closing	36.68	32.36	28.05	23.73	19.42
Average Net Loan	37.76	34.52	30.21	25.89	21.58
Rate of Interest on Loan on Annual Basis	8.15	8.15	8.15	8.15	8.15
Interest on loan	3.0774	2.8134	2.4621	2.11	1.7588

Bond LXXV (75) -DOCO FUNDING					
Gross Loan- Opening	2,063.02	2,063.02	2,063.02	2,063.02	2,063.02
Cumulative repayments of Loans upto previous year	0.00	206.30	412.60	618.91	825.21
Net loan-Opening	2,063.02	1,856.72	1,650.42	1,444.11	1,237.81
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	206.30	206.30	206.30	206.30	206.30
Net Loan-Closing	1,856.72	1,650.42	1,444.12	1,237.81	1,031.51
Average Net Loan	1,959.87	1,753.57	1,547.27	1,340.96	1,134.66
Rate of Interest on Loan on Annual Basis	7.65	7.65	7.65	7.65	7.65
Interest on loan	149.9301	134.1481	118.3662	102.5834	86.8015

Canara-02 -ADD CAP 2024-25					
Gross Loan- Opening	0.00	52.88	52.88	52.88	52.88
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	3.78
Net loan-Opening	0.00	52.88	52.88	52.88	49.10
Add: Drawl(s) during the year	52.88	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	3.78	7.55
Net Loan-Closing	52.88	52.88	52.88	49.10	41.55
Average Net Loan	26.44	52.88	52.88	50.99	45.33
Rate of Interest on Loan on Annual Basis	7.90	7.90	7.90	7.90	7.90
Interest on loan	2.0888	4.1775	4.1775	4.0282	3.5811

HDFC-03 -ADD CAP 2024-25					
Gross Loan- Opening	0.00	44.98	44.98	44.98	44.98
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
Net loan-Opening	0.00	44.98	44.98	44.98	44.98

POWER GRID CORPORATION OF INDIA LTD.

Add: Drawl(s) during the year	44.98	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	0.00	44.98
Net Loan-Closing	44.98	44.98	44.98	44.98	0.00
Average Net Loan	22.49	44.98	44.98	44.98	22.49
Rate of Interest on Loan on Annual Basis	7.72	7.72	7.72	7.72	7.72
Interest on loan	1.7362	3.4725	3.4725	3.4725	1.7362

Summary

Gross Loan- Opening	3,085.86	3,671.46	3,671.46	3,671.46	3,671.46
Cumulative repayments of Loans upto previous year	52.59	318.92	702.63	1,086.38	1,473.88
Net loan-Opening	3,033.27	3,352.54	2,968.83	2,585.08	2,197.58
Add: Drawl(s) during the year	585.60	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	266.33	383.74	383.74	387.52	436.27
Net Loan-Closing	3,352.54	2,968.80	2,585.09	2,197.56	1,761.31
Average Net Loan	3,192.91	3,160.67	2,776.96	2,391.32	1,979.45
Rate of Interest on Loan on Annual Basis	7.8514	7.8745	7.8716	7.8677	7.8639
Interest on loan	250.6869	248.8869	218.5908	188.1423	155.6623

(Petitioner)

Calculation of interest on Normative loan

Form No. - 9E

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No. of Days in the Year	365.00	365.00	365.00	366.00	365.00
No. of days for which Tariff claimed	272.00	365.00	365.00	366.00	365.00
Gross normative loan-Opening	3,097.34	3,682.95	4,128.14	4,140.36	4,140.36
Cumulative repayments of Normative loan upto previous year	0.00	152.31	387.76	637.00	886.60
Net normative loan-Opening	3,097.34	3,530.64	3,740.38	3,503.36	3,253.76
Addition in normative loan towards the ACE	585.61	445.19	12.22	0.00	0.00
Adjustment of normative gross loan pertaining to the decapitalised asset	0.00	0.00	0.00	0.00	0.00
Normative repayments of normative loan during the year	152.31	235.45	249.24	249.60	249.60
Adjustment of cumulative repayment pertaining to the decapitalised asset	0.00	0.00	0.00	0.00	0.00
Net normative loan - closing	3,530.64	3,740.38	3,503.36	3,253.76	3,004.16
Average normative loan	3,313.99	3,635.51	3,621.87	3,378.56	3,128.96
Weighted Average Rate of interest on actual loan	7.8514	7.8745	7.8716	7.8677	7.8639
Interest on normative loan	260.19	286.28	285.10	265.81	246.06
Pro rata interest on normative loan	193.90	286.28	285.10	265.81	246.06

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Calculation of Depreciation Rate on Original Project Cost

Form No. - 10

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

(Amount in Rs. Lakh)

Name of Assets	Gross block at the beginning of the year	Add Cap during the year	Gross block at the end of the year	Average Gross Block	Depreciation Rate as per CERC's Depreciation Rate Schedule	Depreciation Amount for each year upto 31.03.2029
2024-25						
Land(Freehold)	0.00	0.00	0.00	0.00	0.00	0.00
Civil & Building	0.00	0.00	0.00	0.00	3.34	0.00
Transmission Line	0.00	0.00	0.00	0.00	4.22	0.00
Sub Station	4,424.77	836.58	5,261.35	4,843.06	4.22	152.31
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	15.00	0.00
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	15.00	0.00
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	6.33	0.00
TOTAL	4,424.77	836.58	5,261.35	4,843.06	0.00	152.31
Weighted Average Rate of Depreciation(%)					3.144913	
2025-26						
Land(Freehold)	0.00	0.00	0.00	0.00	0.00	0.00

484

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Civil & Building	0.00	0.00	0.00	0.00	3.34	0.00
Transmission Line	0.00	0.00	0.00	0.00	4.22	0.00
Sub Station	5,261.35	635.98	5,897.33	5,579.34	4.22	235.45
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	15.00	0.00
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	15.00	0.00
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	6.33	0.00
TOTAL	5,261.35	635.98	5,897.33	5,579.34	0.00	235.45
Weighted Average Rate of Depreciation(%)					4.220033	

2026-27						
Land(Freehold)	0.00	0.00	0.00	0.00	0.00	0.00
Civil & Building	0.00	0.00	0.00	0.00	3.34	0.00
Transmission Line	0.00	0.00	0.00	0.00	4.22	0.00
Sub Station	5,897.33	17.45	5,914.78	5,906.06	4.22	249.24
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	15.00	0.00
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	15.00	0.00
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	6.33	0.00
TOTAL	5,897.33	17.45	5,914.78	5,906.06	0.00	249.24
Weighted Average Rate of Depreciation(%)					4.220072	

POWER GRID CORPORATION OF INDIA LTD.

2027-28						
Land(Freehold)	0.00	0.00	0.00	0.00	0.00	0.00
Civil & Building	0.00	0.00	0.00	0.00	3.34	0.00
Transmission Line	0.00	0.00	0.00	0.00	4.22	0.00
Sub Station	5,914.78	0.00	5,914.78	5,914.78	4.22	249.60
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	15.00	0.00
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	15.00	0.00
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	6.33	0.00
TOTAL	5,914.78	0.00	5,914.78	5,914.78	0.00	249.60
Weighted Average Rate of Depreciation(%)					4.219937	

2028-29						
Land(Freehold)	0.00	0.00	0.00	0.00	0.00	0.00
Civil & Building	0.00	0.00	0.00	0.00	3.34	0.00
Transmission Line	0.00	0.00	0.00	0.00	4.22	0.00
Sub Station	5,914.78	0.00	5,914.78	5,914.78	4.22	249.60
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	15.00	0.00
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	15.00	0.00
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	6.33	0.00
TOTAL	5,914.78	0.00	5,914.78	5,914.78	0.00	249.60

853

Weighted Average Rate of Depreciation(%)					4.219937	

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Statement of Depreciation

Form No. - 10A

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No of Days in the year	365.00	365.00	365.00	366.00	365.00
No of days for which tariff claimed	272.00	365.00	365.00	366.00	365.00
Life at the beginning of the year					
1.1 Weighted Average useful life of the Asset/ Project	25.00	25.00	25.00	25.00	25.00
1.2 Lapsed Weighted Average useful life of the Asset/Project(in completed no. of year)	0.00	0.00	1.00	2.00	3.00
1.3 Balance Weighted Average useful life of the Asset/Project(in completed no. of year)	25.00	25.00	24.00	23.00	22.00
Capital Base					
1.4 Opening capital cost	4,424.77	5,261.35	5,897.33	5,914.78	5,914.78
1.5 Additional Capital Expenditure dr. the year	836.58	635.98	17.45	0.00	0.00
1.6 De-Capitalisation During the year	0.00	0.00	0.00	0.00	0.00
1.7 Closing capital cost	5,261.35	5,897.33	5,914.78	5,914.78	5,914.78
1.8 Average capital cost	4,843.06	5,579.34	5,906.06	5,914.78	5,914.78
1.9 Freehold land included in 1.8	0.00	0.00	0.00	0.00	0.00
1.10 Asset having NIL salvage value included in 1.8	0.00	0.00	0.00	0.00	0.00
1.11 Asset having 10% salvage value included in 1.8	4,843.06	5,579.34	5,906.06	5,914.78	5,914.78
1.12 Depreciable Value(1.10+90% of 1.11)	4,358.75	5,021.41	5,315.45	5,323.30	5,323.30
Depreciation for the period and Cum. Depreciation					
1.13 Weighted Average Rate of depreciation	3.144913	4.220033	4.220072	4.219937	4.219937

POWER GRID CORPORATION OF INDIA LTD.

1.14 Depreciation(for the period)	152.31	235.45	249.24	249.60	249.60
1.15 Depreciation(Annualised)	152.31	235.45	249.24	249.60	249.60
Unrecovered Depreciation for DECAP	0.00	0.00	0.00	0.00	0.00
1.16 Cumulative depreciation at the beginning of the period	0.00	152.31	387.76	637.00	886.60
1.17 Less:Adj of Cum. Dep pertaining to decapitalised Asset	0.00	0.00	0.00	0.00	0.00
1.18 Cumulative depreciation at the end of the period	152.31	387.76	637.00	886.60	1,136.20

(Petitioner)

POWERGRID CORPORATION OF INDIA LTD.
पावरग्रिड POWERGRID

Calculation of interest on working Capital

Form No. - 11

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	1x1500 MVA 765/400kV ICT, along with associated 765kV and 400kV bays" at POWERGRID Padghe GIS Substation		
Region	Western Region	DOCO Date	Jul 3, 2024

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No of Days in the year	365.00	365.00	365.00	366.00	365.00
No of days for which tariff claimed	272.00	365.00	365.00	366.00	365.00
O&M Expenses-one month	36.88	38.85	40.83	42.95	45.32
Maintenance spares 15% of O&M Expenses	66.39	69.93	73.49	77.30	81.58
Receivables equivalent to 45 days of AFC	148.09	163.30	170.16	170.64	172.31
Total Working capital	251.36	272.08	284.48	290.89	299.21
Bank Rate as on 01.04.2024 or as on 01st April of the COD year,whichever is later.	11.90	11.90	11.90	11.90	11.90
Interest on working capital	29.91	32.38	33.85	34.62	35.61
Pro rata interest on working capital	22.29	32.38	33.85	34.62	35.61

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD

Form -12

Details of Time Over run

Name of the Petitioner	Power Grid Corporation of India Ltd
Name of the Region	Western Region
Name of the Project	Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B
Name of the Asset	1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation
DOCO	03.07.2024

Details of time over run

Name of the Transmission Asset: 3 X 500MVA, 765/400/33kV ICT at Padghe GIS substation along with ICT bays under TR-35 associated with (i) Transmission Network Expansion in Gujrat to increase its ATC from ISTS: Part B

S.No.	Description of Activity/Works/Service	Original Schedule (As per Planning) LOA		Actual Achieved (As per Actual)		Time Over-Run	Agency responsible and whether such time over run was beyond the control of the Transmission Licensee	Reasons for delay	Other Activity affected (Mention Sr. No of activity affected)
		Start Date	Completion Date	Start Date	Completion Date	Months			
1.	Award of Contract (NOA)	27-Jul-22	26-Oct-23	27-Jul-22	27-Jul-22				
2.	Supply of Structures	20-Nov-22	20-Dec-22	16-Aug-23	17-Aug-23	8.00			
3.	Supply of Main Substation Equipment's	20-Nov-22	28-Feb-23	28-Feb-23	2-Jun-23	3.13			
4.	Supply of Transformer	31-Aug-23	22-Sep-23	30-Apr-24	3-Jun-24	8.50	Project delayed due to delay in supply of Transformers by M/s BHEL. Order placed on M/s BHEL for supply of 765KV, 1500 MVA Transformer, however Transformer could only be supplied by BHEL from April'24 to June'24 due to scarcity of RAW Materials for manufacturing of Tranformer. Further 765KV Transformer Bushings supply got delayed from Masa, Russia due to outbreak of civil war between Russai and Ukraine.		
5.	Civil works	15-Oct-22	20-Mar-23	30-Jan-23	28-Feb-24	11.50			
6.	Erection of Substation Equipments	1-Mar-23	30-Apr-23	12-Dec-23	30-Jun-24	14.23			
7.	Erection of Transformer	1-Sep-23	20-Oct-23	3-May-23	30-Jun-24	8.47			
8.	Testing and Commissioning	1-Oct-23	4-Nov-23	14-Jun-24	30-Jun-24	7.97			

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD.

PART-III
FORM- 12A

Incidental Expenditure during Construction

Name of the Transmission Licensee : Power Grid Corporation of India Ltd.
Name of the Region : Western Region

Name of the project : TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B

Name of the Transmission Element : 1x500MVA 765KV ICT at Padghe 765KV GIS Substation along with ICT bays
DOCO: 03.07.2024

₹ in Lakhs

Sl. No.	Parameters	F/Y 2022-23	F/Y 2023-24	F/Y 2024-25 (Hil DOCO)	Total
A	Expenses:				
1	Communication Expenses	0.06	-	0.34	0.40
2	Corp. Centre/RHQ Expd. Transfer to WIP	16.54	80.74	43.42	140.70
3	Depreciation			-	-
4	Employees' Remuneration & Benefits	13.37	24.33	34.05	71.75
5	Other Office and Administrative Expenses	1.37	3.82	9.22	14.41
	Total Expenses (A)	31.34	108.89	87.03	227.26
B	Less :-				
1	Income recovered from Contractors	6.87	11.29	4.73	22.88
2	Income from Others				-
	Total(A-B)	24.47	97.60	82.30	204.38

Petitioner

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Part III
FORM -13

Details of Initial Spares

Name of the petitioner	Power Grid Corporation of India Ltd
Name of the Region	Western Region
Name of the Project	Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B
Name of the Asset	1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation
DOCO	03.07.2024
Cut-off Date of the Asset: 31/3/2028	31.03.2028

A) Determination of Excess initials spare and its adjustment from Capital cost

Particulars	Plant and machin ery cost as on cut-off Date[1]	Initial Spare Capitalised as per Books of Account up to Cut-off Date					Ceiling limit as mentioned in Regulati ons 23	Entitled Initial Spare as per Regulations	Excess of capitalised Initial Spare to be reduced from Capital cost.	Adjustment of Excess Initial Spare from Capital cost of Plant and Machinery			
		As on COD	2024-25	2025-26	2026-27	Total as on Cut off Date[3]				COD	2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8	9	10=7-9(Note 2)	11	12	13	14
Transmission Line	0.00	0		-	-	0	1.00%	0	0	0			
Substation Green field	-	-	-	-	-	0	4.00%	-	-	-	-	-	-
Substation Brown Field	-	-	0	0	-	0	6.00%	-	-	-	-	-	-
Series Compensation devices and HVDC Station	-	-	-	-	-	-	4.00%	-	-	-	-	-	-
GIS/S- Green field	-	-	-	-	-	-	5.00%	-	-	-	-	-	-
GIS/S-Brown field	5535.08	63.64	-	-	-	63.64	7.00%	387.46	-	-	-	-	-
Communication System	0.00	0		-	-	0	3.50%	0	-	-	-	-	-
Static Synchronous Compensator	-	-	-	-	-	-	6.00%	-	-	-	-	-	-
initial spare as per Books of Account													
Un-Discharge liabilities included above													
Total Capitalized initial spare													

Note: 1) Plant and machinery cost as on cut-off Date for the purpose of initial spare (As computed in Col.L of the below table)
2) The column 10 has to be shown as nil in case the claimed initial spare is with in the ceiling limit.
3) Total cost should be excluding IDC and IEDC.

POWER GRID CORPORATION OF INDIA

B) Determination of Plant & Machinery Cost for ceiling of initial spare.

Particulars	Gross Block of Asset as on COD	Less: Amount included in Col. B towards					Plant and machinery cost as on COD for Initial Spare purpose	Plant & Machinery Capitalised as ACE up to cut off date					Plant and machinery cost as on cut-off Date for the purpose of initial spare
		Land Cost	Cost of Civil Works	IDC	IEDC	Initial Spare		2024-25	2025-26	2026-27	2027-28	2028-29	
a	b	c	d	e	f	g	h=b-c-d-e-f-g	i	j	k			l=h+i+j+k
Transmission Line	0.00		0	0	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substation Green field													
Substation Brown Field	5161.36		0	95.29	204.38	63.64	4798.05	450.00	287.03	0.00	0.00	0.00	5535.08
Series Compensation devices and HVDC Station													
Gas Insulated Substation-Green field													
Gas Insulated Substation-Brown field													
Communication System	0		0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Static Synchronous Compensator													

Note: The Cost details for the year in which Cut-off date falls has to be provide only up to the cut-off date.

(Petitioner)

361

POWER GRID CORPORATION OF INDIA LTD.

Other Income as on COD

Name of the Transmission Licensee : Power Grid Corporation of India Ltd.
Name of the Region : Western Region-I

Name of the project : TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ATC FROM ISTS: PART B

Name of the Transmission Element : 1x500MVA 765KV ICT at Padghe 765KV GIS Substation along with ICT bays
DOCO: 03.07.2024

₹ in Lakhs

Sl. No.	Parameters	F/Y 2017-18	F/Y 2020-21	F/Y 2020-21	Total
1	Income recovered from Contractors	6.87	11.29	4.73	22.88
2	Income from Others	-	-	-	-
	Total	**6.87**	**11.29**	**4.73**	**22.88**

Petitioner

POWER GRID CORPORATION OF INDIA LTD.

Asset-2

Summary of Tariff

Form No. - 1

Name of the Transmission Licensee:	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV &		
Region	Western Region	DOCO Date	Mar 20, 2025

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Year Days	365.00	365.00	365.00	366.00	365.00
Tariff Days	12.00	365.00	365.00	366.00	365.00
Depreciation-Form No. 10A	93.75	3,136.19	3,659.50	3,900.14	3,900.14
Interest on Loan-Form No. 9E	144.63	4,649.93	5,083.47	5,115.82	4,816.39
Return on Equity-Form No. 8	146.23	4,825.26	5,523.71	5,847.04	5,847.04
Int. on Working capital-Form No.11	6.51	212.78	238.71	248.32	246.00
Op. and maintenance-Form No.2	18.13	580.49	610.35	642.16	676.96
Total AFC	409.25	13,404.65	15,115.74	15,753.48	15,486.53

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Summary of Asset Level Cost

Form No. - 1A

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.		
Region	Western Region	DOCO Date	Mar 20, 2025

A) Summary of Capital Cost, Means of Finance of the Asset

(Amount in Rs. Lakh)

Particular	i) Apportioned Approved Cost		ii) Summary of Actual / Projected Capital Expenditure incurred						
	As Per IA	As per RCE	As on COD / 01.04.2024	2024-25	2025-26	2026-27	2027-28	2028-29	As on 31.03.2029
Land (Freehold Land)	0.00	0.00	14,605.44	0.00	162.18	0.00	0.00	0.00	14,767.62
Building & Civil Works	0.00	0.00	79.55	0.00	2,242.48	2,180.70	0.00	0.00	4,502.73
Transmission Lines	0.00	0.00	64,250.71	0.00	2,900.25	2,111.78	0.00	0.00	69,262.74
Substations	0.00	0.00	17,909.02	0.00	0.00	0.00	0.00	0.00	17,909.02
Comm. Sys. excluding Fiber Optic	0.00	0.00	115.89	0.00	0.00	0.00	0.00	0.00	115.89
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/	0.00	0.00	128.89	0.00	0.00	0.00	0.00	0.00	128.89
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	543.27	0.00	0.00	0.00	0.00	0.00	543.27
Total Capital Cost as per Books	0.00	0.00	97,632.77	0.00	5,304.91	4,292.48	0.00	0.00	107,230.16
Less: Liability	0.00	0.00	16,106.70	0.00	0.00	0.00	0.00	0.00	0.00
Add:discharge of liability	0.00	0.00	0.00	86.09	8,453.76	7,566.85	0.00	0.00	0.00
De cap During Year As per Books	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Capital incurred	0.00	0.00	81,526.07	86.09	13,758.67	11,859.33	0.00	0.00	107,230.16
Equity	36,602.82	0.00	24,457.82	25.82	4,127.60	3,557.80	0.00	0.00	32,169.04
Debt	85,406.59	0.00	57,068.25	60.27	9,631.07	8,301.53	0.00	0.00	75,061.12

Details of Transmission Lines and Substations, Communication System covered in the project scope and O&M for instant asset

Form No. - 2

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.		
Region	Western Region	DOCO Date	Mar 20, 2025

1. Transmission Lines

(Amount in Rs. Lakh)

Name of Line	Type of Line AC/ HVDC	S/C or D/C	No of Sub-Conductors	Voltage Level KV	Line Bays	Line Reactor (Including Switchable Reactor)	Line Length Km	Date of Commercial operation	Covered in the present petition	
									Yes/No	If No, Petition No.
NAVSARI-MAGARWADA TL	AC	DC	2	400 KV	0.000	0.000	96.300	Mar 20, 2025	Y	

Summary:

O&M Expenses For the Transmission Lines Covered in the instant petition	2024-25	2025-26	2026-27	2027-28	2028-29
DOUBLE CIRCUIT (TWIN CONDUCTOR)					
Normative Rate of O&M as per Regulation	0.861	0.906	0.953	1.003	1.056
No. of Units - (Length in KM)	96.30	96.30	96.30	96.30	96.30
O&M Claimed	2.73	87.25	91.77	96.59	101.69

2. Sub Station

Name of Sub-station	Type of Substation	Voltage Level KV	No. of Transforms/ Reactor/ SVC etc. (with capacity)	No. of Bays				MVA/MVAR Capacity				Date of Comm. operation	Covered in the present petition	
				765 KV	400 KV	220 KV	132 KV	765 KV	400 KV	220 KV	132 KV		Yes/ No	If No, Petition No.
NEW NAVSARI:02 NO. OF BAYS AT NAVSARI FOR NAVSARI_MAGARWADA TL	GIS	400 KV			2.000							Mar 20, 2025	Y	
Magarwada:02 NO. OF BAYS AT MAGARWADA FOR NAVSARI-MAGARWADA TL	GIS	400 KV			2.000							Mar 20, 2025	Y	
NEW NAVSARI:02 ICT AT NAVSARI	GIS	400 KV	2.000						500.00			Mar 20, 2025	Y	
NEW NAVSARI:400KV ICT 1 AND 2 BAY AT NAVSARI	GIS	400 KV			2.000							Mar 20, 2025	Y	
NEW NAVSARI:220 KV ICT 1 AND 2 BAY AT NAVSARI	GIS	220 KV				2.000						Mar 20, 2025	Y	
NEW NAVSARI:125 MVAR BUS REACTOR AT NAVSARI	GIS	400 KV	1.000						125.00			Mar 20, 2025	Y	
NEW NAVSARI:01 NO BUS REACTOR BAY AT NAVSARI	GIS	400 KV			1.000							Mar 20, 2025	Y	

Summary:

O&M Expenses For Substations Covered in the instant petition	2024-25	2025-26	2026-27	2027-28	2028-29
400KV SUB-STATION ICT					

Normative Rate of O&M as per Regulation	0.262	0.276	0.29	0.305	0.322
No. of Units	2.00	2.00	2.00	2.00	2.00
O&M Claimed	8.61	276.00	290.00	305.00	322.00
400 KV GIS SUBSTATION					
Normative Rate of O&M as per Regulation	20.671	21.756	22.897	24.101	25.361
No. of Units	7.00	7.00	7.00	7.00	7.00
O&M Claimed	4.76	152.29	160.27	168.70	177.52
400KV Sub-station Reactor					
Normative Rate of O&M as per Regulation	0.262	0.276	0.29	0.305	0.322
No. of Units	1.00	1.00	1.00	1.00	1.00
O&M Claimed	1.08	34.50	36.25	38.13	40.25
220 kV GIS Substation					
Normative Rate of O&M as per Regulation	14.469	15.225	16.03	16.87	17.752
No. of Units	2.00	2.00	2.00	2.00	2.00
O&M Claimed	0.95	30.45	32.06	33.74	35.50

POWER GRID CORPORATION OF INDIA LTD.

3. Communication System

Summary:

Summary of O&M Expenses claim

(Amount in Rs. Lakh)

Particular	2024-25	2025-26	2026-27	2027-28	2028-29
A) Normative O&M					
Transmission Line	2.73	87.25	91.77	96.59	101.69
Substation	15.40	493.24	518.58	545.57	575.27
Communication System	0.00	0.00	0.00	0.00	0.00
Total Normative O&M	18.13	580.49	610.35	642.16	676.96
B) O&M Claimed under Regulation 35 (3)(C) (* The same is not being claimed and will be claimed through separate Petition)					
*Security Expenses	0.00	0.00	0.00	0.00	0.00
*Actual Capital Spare consumed	0.00	0.00	0.00	0.00	0.00
*Insurance Premium Paid	0.00	0.00	0.00	0.00	0.00
Total O&M	18.13	580.49	610.35	642.16	676.96

695

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD.

Normative parameters considered for tariff computations

Form No. - 3

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV &		
Region	Western Region	DOCO Date	Mar 20, 2025

(Amount in Rs. Lakh)

Particulars	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Base Rate of Return of Equity (in %)						
Tax Rate (in %)	17.472	17.472	17.472	17.472	17.472	17.472
Effective tax rate (in %)						
Grossed up Rate for ROE of 15.5% (in %)	18.782	18.782	18.782	18.782	18.782	18.782
Grossed up Rate for ROE of 15.0% (in %)	18.176	18.176	18.176	18.176	18.176	18.176
Target availability - AC System (in %)	98.00	98.00	98.00	98.00	98.00	98.00
Target availability - HVDC System (in %)	96.00	96.00	96.00	96.00	96.00	96.00
Norms for sub-station Bays (Rs Lakh per bay)						
765 kV	51.68	41.34	43.51	45.79	48.20	50.73
400 kV	36.91	29.53	31.08	32.71	34.43	36.23
220 kV	25.84	20.67	21.75	22.90	24.10	25.36
132 kV and below	18.46	15.78	16.61	17.48	18.40	19.35
Norms for Transformers (Rs Lakh per MVA)						
765 kV	0.564	0.262	0.276	0.29	0.305	0.322
400 kV	0.411	0.262	0.276	0.29	0.305	0.322
220 kV	0.282	0.262	0.276	0.29	0.305	0.322
132 kV and below	0.282	0.262	0.276	0.29	0.305	0.322
Norms for Reactor (Rs Lakh per MVAR)						
765 kV	0.00	0.262	0.276	0.29	0.305	0.322
400 kV	0.00	0.262	0.276	0.29	0.305	0.322

503

370

POWER GRID CORPORATION OF INDIA LTD.

220 kV	0.00	0.262	0.276	0.29	0.305	0.322
132 kV and below	0.00	0.262	0.276	0.29	0.305	0.322
Norms for AC and HVDC lines (Rs Lakh per km)						
Single Circuit (Bundled Conductor with six or more sub-conductors)	1.011	0.861	0.906	0.953	1.003	1.056
Single Circuit (Bundled conductor with four sub-conductors)	0.867	0.738	0.776	0.817	0.86	0.905
Single Circuit (Twin & Triple Conductor)	0.578	0.492	0.518	0.545	0.573	0.603
Single Circuit (Single Conductor)	0.289	0.246	0.259	0.272	0.287	0.302
Double Circuit (Bundled conductor with four or more sub-conductors)	1.517	1.291	1.359	1.43	1.506	1.585
Double Circuit (Twin & Triple Conductor)	1.011	0.861	0.906	0.953	1.003	1.056
Double Circuit (Single Conductor)	0.433	0.369	0.388	0.409	0.43	0.453
Multi Circuit (Bundled Conductor with four or more sub-conductor)	2.662	2.266	2.385	2.51	2.642	2.781
Multi Circuit (Twin & Triple Conductor)	1.773	1.509	1.588	1.671	1.759	1.851
Norms for HVDC stations (Rs Lakh/MW)						
HVDC bipole scheme (Rs Lakh/MW)	0.00	1.04	1.10	1.16	1.22	1.28
HVDC Back-to-Back stations (Rs Lakh/MW) (Except Gazuwaka BTB)	0.00	2.07	2.18	2.30	2.42	2.55
Gazuwaka HVDC Back-to-Back station (Rs Lakh/MW)	0.00	1.83	1.92	2.03	2.13	2.24

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

504

371

Statement of Capital cost

Form No. - 4A

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.		
Region	Western Region	DOCO Date	Mar 20, 2025

A) Capital Cost

(Amount in Rs. Lakh)

Particular	Accrual Basis	Un-discharged Liabilities	Cash Basis
As on relevant date :2024-25			
a) Opening Gross Block Amount as per books	97,632.77	16,106.70	81,526.07
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	4,689.20	554.03	4,135.17
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	9,572.81	0.00	9,572.81
a) Addition in Gross Block Amount during the period	0.00	0.00	0.00
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00
a) Closing Gross Block Amount as per books	97,632.77	16,020.61	81,612.16
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	4,689.20	467.94	4,221.26
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	9,572.81	0.00	9,572.81
As on relevant date :2025-26			
a) Opening Gross Block Amount as per books	97,632.77	16,020.61	81,612.16
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	4,689.20	467.94	4,221.26

c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	9,572.81	0.00	9,572.81

a) Addition in Gross Block Amount during the period	5,304.91	0.00	5,304.91
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00

a) Closing Gross Block Amount as per books	102,937.68	7,566.85	95,370.83
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	4,689.20	0.00	4,689.20
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	9,572.81	0.00	9,572.81

As on relevant date :2026-27			
a) Opening Gross Block Amount as per books	102,937.68	7,566.85	95,370.83
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	4,689.20	0.00	4,689.20
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	9,572.81	0.00	9,572.81

a) Addition in Gross Block Amount during the period	4,292.48	0.00	4,292.48
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00

a) Closing Gross Block Amount as per books	107,230.16	0.00	107,230.16
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	4,689.20	0.00	4,689.20
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	9,572.81	0.00	9,572.81

As on relevant date :2027-28			
a) Opening Gross Block Amount as per books	107,230.16	0.00	107,230.16
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	4,689.20	0.00	4,689.20
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	9,572.81	0.00	9,572.81

a) Addition in Gross Block Amount during the period	0.00	0.00	0.00
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00

a) Closing Gross Block Amount as per books	107,230.16	0.00	107,230.16
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	4,689.20	0.00	4,689.20
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	9,572.81	0.00	9,572.81

As on relevant date :2028-29			
a) Opening Gross Block Amount as per books	107,230.16	0.00	107,230.16
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	4,689.20	0.00	4,689.20
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	9,572.81	0.00	9,572.81

a) Addition in Gross Block Amount during the period	0.00	0.00	0.00
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00

a) Closing Gross Block Amount as per books	107,230.16	0.00	107,230.16
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	4,689.20	0.00	4,689.20
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	9,572.81	0.00	9,572.81

B) Flow of liability for the Asset

(Amount in Rs. Lakh)

Particular	2024-2025	2025-2026	2026-2027						
Opening balance of liability	16,106.70	16,020.61	7,566.85	0.00	0.00	0.00	0.00	0.00	0.00
Add: Liability from ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Discharge of liability by payment and claimed as ACE	86.09	8,453.76	7,566.85	0.00	0.00	0.00	0.00	0.00	0.00
Reversal/cancelation (to be entered)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Closing Balance of Admitted liability	16,020.61	7,566.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00

(Petitioner)

875

POWER GRID CORPORATION OF INDIA LTD.

FORM - 4C

Abstract of Capital Cost Estimates and Schedule of Commissioning for the New Projects

Name of Transmission Licensee	Powergrid Corporation of India Limited
Name of Region	WR-II
Name of the Project	Transmission Network Expansion at Gujarat to incrase ATC from ISTS - Part B
Name of the transmission Element	New Navsari SS, 400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S & 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.
DOCO	20.03.2025

New Projects

Capital Cost Estimates

Board of Directors / Agency approving the Capital cost Estimates:	Board of Directors	
Date of approval of Capital cost estimates:	07-07-2022	
	Present Day Cost	**Completed Cost**
Price level of approved estimates	As of 2nd Quarter 2022	As on COD of the transmission element (i.e., 20-03-2025)
Foreign Exchange rate considered for the Capital cost Estimates	0.00	0.00
CAPITAL COST EXCLUDING IDC, IEDC & FC		
Foreign Component, if any (In Million US $ or the relevant Currency)	0.00	0.00
Domestic Component (Rs. Lakh)	109947.84	88704.73
Total CAPITAL COST excluidng IDC, IEDC, FC, FERV & Hedging Cost (Rs. in Lakh)	109947.84	88704.73
IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US $ or the relevant Currency)	0.00	0.00
Domestic Component (Rs. in Lakh)	12061.57	17854.56
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. In Lakh)	12061.57	17854.56
Rates of Taxes & Duties considered	GST @ 18% & Entry Tax @ 4%	GST @ 18%
Capital cost including IDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US $ or the relevant Currency)	0.00	0
Domestic Component (Rs. in Lakh)	122009.41	106559.29
Capital Cost including IDC, IEDC & FC (Rs. in Lakh)	122009.41	106559.29
Schedule of Commissioning		
OPGW Addl requirement	NA	

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD.

FORM - 5

Element wise Break-up of Project Cost for Transmission System

Fom 5

Name of Transmission Licensee: Powergrid Corporation of India Limited
Name of Region: WR-II
Name of the Project: Transmission Network Expansion at Gujarat to increase ATC from ISTS - Part B
Name of the transmission Element: New Navsari SS, 400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S & 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.
DOCO: 20.03.2025

Rs in Lakh

Sl. No. (1)	Particulars (2)	As per original Estimate (3)			Actual Capital Expenditure (Gross Block) as on COD as per Books of Account (4)			Projected/actual cost of Deferred work to be capitalised after COD but before cut-off date (6)	Variation between actual Cost and IA/RCE cost as on COD (7=(4-5+6)-(3))	Reasons for Variation1 (8)	Undischarged Liabilities included in Col (4) (9)	Admitted Cost7 (10)	Capital Work in progress as per Books of Account as on COD (11)
		Quantity	Rate	Estimated Cost	Quantity	Rate	Actual Cost						
1	2		3			4		6	7	8	9	10	11
A.	**TRANSMISSION LINE**												
1.0	**Preliminary works**												
1.1	Design & Engineering												
1.2	Preliminary Investigation, Right of way, forest clearance, PTCC, general civil works, etc.	1.00	14264.03	14264.0	1.00	14152.48	4717.26	9435.2	111.5	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	0.0		
1.3	**Total Preliminary Works**			14264.03			4717.26	9435.22	111.55		0.00	0.00	0.00
2.0	**Transmission Line materials**												
2.1	Tower Steel (MT)	21920.66	1.49	32689.0	413.00	65.64	27109.25	0.0	5579.8		4561.0		
2.2	Earthing for Towers (Nos.)	493.50	0.12	58.2			44.15	0.0	14.0		7.4		
2.3	Conductor ACSR MOOSE (km)	2928.49	8.79	25737.8			8318.65	0.0	17419.1		1399.6		
2.4	GS Earth Wire (km)			0.0			0.00	0.0	0.0		0.0		
2.5	Insulators - 160KN (Nos.)	9057.00	0.10	867.4			349.62	0.0	517.8		58.8		
2.6	Hardware Fittings (Set)	13551.00	0.10	1396.6			552.47	0.0	844.2		93.0		
2.7	Conductor, Tower & Earthwire accessories (Nos.)	30719.00	0.04	1150.2			394.86	0.0	755.3		66.4		
2.8	**Total Spares** (MT)			0.0			0.00	0.0	0.0		0.0		
2.9	Erection, Stringing & Civil works including foundation	269164.88	0.03	8705.6			7150.45	0.0	1555.2		1203.0		
	a) Stringing for 220kV D/C (normal)												
	Total Transmission line material			70604.79			47919.46	0.00	26685.33		7389.26	0.00	0.00
3.0	**Taxes & Duties**												
3.1	Custom Duty												
3.2	Other Taxes & Duties												
	Total Taxes & Duties			0.00			0.00	0.00	0.00		0.00	0.00	0.00
	Total - Transmission Lines			84868.82			48636.72	9435.22	26796.88		7389.26	0.00	0.00
B.	SUBSTATIONS												
4.0	**Preliminary works & Land**												
4.1	Design & Engineering												
4.2	Land	1.00	4437.43	4437.43	1.00	14767.62	14605.44	162.2	10330.19	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	0.0		
4.3	Site Preparation (Survey & Soil Investigation and infrastructure)	1.00	0.00	0.00			0.00						
	Total Preliminary works & Land			4437.43			14605.44	167.18	10159.19		0.00	0.00	0.00
5.0	**Civil Works**												
5.1	Control Room, Office Building including HVAC & GIS Hall	1.00	2163.54	2,163.54					-2163.54	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package			
5.2	Township & Colony												
5.3	Roads & Drainage	1.00	61.55	61.6	1.00	101.12	101.12	0.00	39.57	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	46.0		
5.4	Foundation for structures			0.0			0.00	0.00			0.0		
	i) Excavation for soil & rock (CuM)	1.00	32.09	32.1	1.00	105.33	105.33	0.00	73.24	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	48.0		
	ii) PCC & RCC (CuM)	1.00	840.43	840.4	1.00	446.49	446.49	0.00	-393.94		203.3		
	ii) Steel Reinforcement & Misel. Structural Steel (MT)	1.00	345.51	345.5	1.00	385.33	385.33	0.00	39.82		175.4		
	Misc. civil works	1.00	2265.61	2265.6	1.00	884.65	884.65	0.00	-1380.96		402.8		
	Total Civil Works			5708.74			1922.92	0.00	-3785.82		875.51	0.00	0.00
6.0	**Substation Equipments**												
	Switchgear (CT, PT, Circuit Breaker, Isolator, etc.) (Nos.)												
A.	**765 KV**												
B	**400kV**												
(a)	420KV, 1600A Circuit Breaker, 3-ph (Nos.)										0.0		
(b)	420KV, 1600A Isolator, 3-ph (Nos.)										0.0		

POWER GRID CORPORATION OF INDIA LTD.

(c)	420KV, 1600A Current Transformer, 1-Ph (Nos.)										0.0			
(d)	336KV Lightning Arrestor, 1-Ph (Nos.)	6.00	5.94	35.7	3.00	7.89	23.67	0.00	-11.99	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	10.8			
(e)	420KV, 4400PF, 1PH CVT	6.00	8.74	52.5	1.00	34.35	34.35	0.00	-18.11		15.6			
(f)	420KV, 1PH BUS POST INSULATORS	24.00	0.63	15.2	1.00	13.64	13.64	0.00	-1.52	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	6.2			
								0.00	0.00		0.0			
								0.00	0.00		0.0			
6.2	(a) 765/400/33 kV, 500MVA, 1-Ph Transformer (Nos.)	0.00			3.00	0.00		0.00	0.00					
	(b) 400/220/33 kV, 500MVA, 3-Ph Transformer (Nos.)	2.00	1686.38	3372.8	2.00	2296.96	4593.92	0.00			1053.8			
	(c) 33kV & 66kV XLPE Cable and Cable termination kits			0.0				0.00	0.00					
6.3	Compensating Equipment (Nos.)	1.00	820.86	820.9	1.00	1088.70	1088.70	0.00			216.7			
6.4	400kV GIS bay equipments (Nos.)	1.00	5884.46	5884.5			4899.98	0.00	-984.48		2251.0			
6.4 a	220kV GIS bay equipments (Nos.)			0.0			1194.60	0.00	1194.60		543.9			
6.5	(a) 765kV Control, Relay & Protection Panel and Augmentation of Substation Automation System (Nos.)			0.0				0.00						
	(b) 400kV Control, Relay & Protection Panel and Augmentation of Substation Automation System (Nos.)	1.00	275.54	275.5	1.00	543.21	543.21	0.00	267.67	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	247.3			
	(c) 220kV Control, Relay & Protection Panel (Nos.)	1.00	0.00	0.0	1.00	138.43	138.43	0.00	138.43		63.0			
6.5	PLCC equipments (Nos.)	1.00	0.00	137.4	1.00	72.19	72.19	0.00	-65.23		33.4			
6.6	HVDC package			0.0				0.00						
6.7	Bus Bars / conductors / insulators	1.00	307.69	307.7	1.00	134.36	134.36	0.00	-173.33		61.2			
6.8	i) Lighting System	1.00	13.04	13.0	1.00	43.76	43.76	0.00	30.72	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	19.9			
	ii) Power & Control Cables (Lot)	1.00	165.52	165.5	1.00	192.13	192.13	0.00	26.61	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	87.5			
	iii) Fire fighting (Nos.)	1.00	130.27	130.3	1.00	156.61	156.61	0.00	26.35	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	71.3			
	iv) Air Conditioning & Ventilation (Nos.)	1.00	119.08	119.1	1.00	94.78	94.78	0.00	-24.30	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	43.2			
	vi) Battery & Battery Charger (220V & 48V) (Nos.)	1.00	0.00	0.0	1.00	0.00	0.00	0.00	0.00		0.0			
	vi) LT Switchgear (Nos.)	1.00	9.01	9.0	1.00	0.20	0.20	0.00	-8.80		0.1			
6.9	Emergency D.G. Set (Nos.)			0.0			0.00	0.00			0.0			
6.10	Grounding System (km)	1.00	38.27	38.3	1.00	35.88	35.88	0.00	-2.39		16.3			
6.11	Structure for switchyard (MT)	1.00	170.83	170.8	1.00	102.01	102.01	0.00	-68.81	Variation in final execution is because of difference of per unit rate cost between FR and final awarded package	46.4			
6.10	IT	1.00	114.32	114.3	1.00	110.61	110.61	0.00	-3.71		51.1			
	Total Substation Equipments			**11671.34**			13475.07	**0.00**	321.72		**4818.80**	**0.00**		**0.00**
7.0	**Spares (excluding taxes)**													
	Spares of AIS	1.00	116.45	116.4	1.00	215.68	215.68	0.00	99.23					
	Spares of GIS	1.00	249.18	249.2	1.00	638.05	638.05	0.00	388.87					
	Total Spares			365.63			**853.73**	**0.00**	**488.10**		**0.00**	**0.00**		**0.00**
8.0	**Taxes & Duties**													
8.1	Custom Duty & Handling charges			2509.1										
8.2	Other Taxes & Duties			0.0										
8.3	**Total Taxes & Duties**			2509.06			**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**
	Total (Sub-Station)			**24692.20**			**30001.43**	**162.18**	**7354.19**		**5694.31**	**0.00**		**0.00**
9.0	**COMMUNICATION SYSTEM**													
9.1	Preliminary works													
9.2	Communication System equipments	1.00	386.82	386.8	1.00	469.19	469.19	-	82.37		45.02			
9.3	Taxes and Duties	1.00	0.00	0.0	1.00	0.00	-	-	0.00					
9.4	Spares(excl taxes and duties)			0.0	0.00		-	-	0.00					
	Total Communication System			386.82			**469.19**	**0.00**	**82.37**		**45.02**	**0.00**		**0.00**
10.0	**Cost of Plant & Machinery**			95683.82			52367.01	20467.60	82.37	0.00	45.02	0.00		0.00
11.0	**Overheads**													
11.1	Establishment													
11.2	Audit & Accounts													
11.3	Contingency	1.00	3761.50	3761.5	1.00	3592.54	3592.54	0.0	-168.96	As per actual	2424.1			
11.4	IEDC	1.00	4878.37	4878.37	1.00	9572.81	9572.81	0.0	4694.44	As per actual				
	Total Overheads			**8639.87**			**13165.35**	**0.00**	**4525.48**		**2424.07**	**0.00**		**0.00**
12.0	**Total overheads**			**25079.03**			**13165.35**	**0.00**	**4607.84**	**0.00**	**2469.10**	**0.00**		**0.00**
13.0	**Capital Cost including Plant & Machinery**													
13.1	Interest During Construction (IDC)	1.00	3421.70	3421.70	1.00	4689.21	4689.21		1267.51	As per actual				
13.2	Financing Charges (FC)													
13.3	Foreign Exchange Rate Variation (FERV)													
13.4	Hedging Cost													
	Total of IDC, FC, FERV & Hedging Cost			**3421.70**			**4689.21**	**0.00**	**1267.51**		**0.00**	**0.00**		**0.00**
14.0	**Capital Cost including IDC, FC, FERV & Hedging Cost**			**122009.41**			**96961.89**	**9597.40**	**5875.35**		**15552.67**	**0.00**		**0.00**

(Petitioner)

348

POWER GRID CORPORATION OF INDIA LTD

B) Summary of Capital Cost as on COD										
Particular	**Plant & Machinery Cost including initial spare but excluding IDC & IEDC**	**Initial spare capitalised**	**IEDC Capitalised**	**IDC Capitalised**	**Loan FERV**	**Gross Block as per books of account as on COD**	**Deduction from Gross Block**	**Gross block meant for tariff as on COD / 01.04.19 (after deductions)**	**Undischarged liability included in 8**	**Capital Cost on Cash basis for tariff as on COD / as on 01-04-19**
	1	**2**	**3**	**4**	**5**	**6 = (1+3+4+5)**	**7**	**8 = (6-7)**	**9**	**10 = (8-9)**
Land (Freehold Land)	14605.44		0	0	0	14605.44		14605.44	0	14605.44
Land (Leasehold)										
Building & Civil Works	57.71	0	15.52	5.53	0	78.76		78.76	0.00	78.76
Transmission Line	49304.70	571.80	10621.57	3783.16		63709.43		63709.43	9813.33	53896.10
Sub-Station	14532.23	760.33	2399.77	854.74		17786.73		17786.73	5609.81	12176.92
PLCC	96.70	0	13.65	4.86		115.21		115.21	45.97	69.24
IT Equipment and Software	107.54	0.00	15.17	5.40		128.12		128.12	51.14	76.98
OPGW	403.02	4.42	99.68	35.50		538.20		538.20	32.42	505.78
Total Capital Cost as per Books of Account	79107.34	1332.13	13165.35	4689.20	0	96961.89	0	96961.89	15552.67	81409.22
Less: Un-discharged liabilities										
Total Capital Cost Claimed for tariff	**79107.34**	**1332.13**	**13165.35**	**4689.20**	**0.00**	**96961.89**	**0.00**	**96961.89**	**15552.67**	**81409.22**
% of IDC / IEDC on the base of (Plant & Machinery cost including initial spare as per Books of Account)										
Means of Finance										
Equity										
Debt										

374

POWER GRID CORPORATION OF INDIA LTD.

Break-up of Construction/Supply/Service Packages

Name of Transmission Licensee: Powergrid Corporation of India Limited

Name of Region: WR-II

Name of the Project: Transmission Network Expansion at Gujarat to incrase ATC from ISTS - Part B

Name of the transmission Element: New Navsari SS, 400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S & 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.

DOCO: 20.03.2025

Sr. No.	Name/No. of Construction/supply/service package	Scope of works[1] (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Department ally/ Deposit Work, etc	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award[2] in (Rs. Lakh).	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier (Rs. Lakh)	Taxes & Duties (Rs. Lakh)	custom duty	IEDC	IDC, FC, FERV &Hedging cost (Rs. Lakh)	Sub-Total (Rs. Lakh)
1	Tower Pkg. TW01 for M/C portion of (i) 400kV D/C (Twin HTLS) Navsari (New) - Kala GIS T/L and (ii) 400kV D/C (Twin HTLS) Navsari (New) - Magarwada GIS T/L.	Supply, F & I & Ere	Domestic		04-10-2023	04-10-2023	20-03-2025	Supply - INR 215637604		67147.21	220.852	0.00	9572.81	4689.21	81409.23
	5002002268/TOWER/DOM/A00-CC CS-1/NOA-I/WR2-400011							F & I - INR 5515079							
								Erection - INR 77317323.64							
2	Supply & Service contract for Transformer Package (TR36) Bharat Heavy Electricals Limited	Supply, F & I & Ere	Domestic		08-07-2022	08-07-2022	07-10-2023	Suppply - INR 559161000		0	0.00	0.00	0.00	0.00	0
	5002002205/TRANSFORMER/DOM/A00-CC-CS-1/NOA-I & II/WR2-400003 & 400004 dated 08.07.2022							F & I - 10211700							
								Erection - 6600000							
3	Supply & Service contract for Transformer Package (TR35) Bharat Heavy Electricals Limited	Supply, F & I & Ere	Domestic		05-08-2022	05-08-2022	04-11-2023	Suppply - INR 544358232		0	0.00	0.00	0.00	0.00	0
	5002002164/TRANSFORMER/DOM/A04-CC CS-5/NOA-I & II/WR2-400007 & 400008 Material diverted from Bhadla III							F & I - 9500883							
								Erection - 11706840							
4	GIS Substation package SS-85 : Establishment of Digital 400/220kV Navsari (New) (South Gujrat) GIS S/S	Supply, F & I & Ere	Domestic		23-09-2022	23-09-2022	19-12-2023	Supply - INR 1817265601							
								F&I - INR 39145254							
								Erection - INR 445075883							
5	GIS Substation package SS-84 : Establishment of Digital 765kV Navsari (New) (South Gujrat) GIS S/S	Supply, F & I & Ere	Domestic		27-07-2022	27-07-2022	26-10-2023	Supply - INR 3394944390							
								F&I - INR 186381487							
								Erection - INR 789736615							
6	Reactor Package (RT19) - New Navsari - Supply of 765kV & 400kV Reactors	Supply, F & I & Ere	Domestic		29-09-2022	29-09-2022	28-12-2023	Supply - INR 1104785000							
								F&I - INR 13600000							
								Erection - INR 25500000							
2	Civil, Land & Others									0	0.00	0.00	0.00	0.00	0
	GRAND TOTAL									67147.20824	220.85	0.00	9572.81	4689.21	81409.22633

Note:

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD.

FORM - 5B

DETAILS OF ELEMENTWISE COST OF THE PROJECT

Name of Transmission Licensee	Powergrid Corporation of India Limited
Name of Region	WR-II
Name of the Project	Transmission Network Expansion at Gujarat to incrase ATC from ISTS - Part B
SCOD	30-06-2023

Sl. No.	Name of asset	COD	Delay in No. of Days	Apportioned approved Cost (Lakh)	Revised cost estimates, if applicable (Lakh)	Completed Cost (Lakh)	Covered in the present	
							Yes / No	If No, Petition No.
1	1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation	03-Jul-24	369	4379.07	0	5898.39	Yes	
2	New Navsari SS, 400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S & 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S	20-03-2025	629.00	122009.41	0.00	106559.29	Yes	
	GRAND TOTAL			**126388.48**		**112457.68**		

(Petitioner)

Form No. - 6

Financial Package upto COD

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV &		
Region	Western Region	DOCO Date	Mar 20, 2025

(Amount in Rs. Lakh)

Particulars	Financial Package as Approved		Financial Package as on COD 01/04/2024		As Admitted on COD 01/04/2024	
	Currency	Amount	Currency	Amount	Currency	Amount
Loans		0.00		0.00		0.00
Loan-Domestic		0.00		0.00		0.00
Loan-Foreign		0.00		0.00		0.00
Total Loans	INR	85,406.59	INR	57,068.25		0.00
Equity		0.00		0.00		0.00
Foreign		0.00		0.00		0.00
Domestic	INR	36,602.82	INR	24,457.82		0.00
Total Equity	INR	36,602.82	INR	24,457.82		0.00
Debt Equity Ratio					70:30	
Total Cost	INR	122,009.41	INR	81,526.07		0.00

Particulars	Debt	Equity	Total	
Addcap for 2024 - 2025			86.09	
Addcap for 2025 - 2026			13,758.67	
Addcap for 2026 - 2027			11,859.33	
Addcap for 2027 - 2028		515	0.00	

382

Addcap for 2028 - 2029			0.00	

Particulars	Actual	Normative	
Addcap for 2024 - 2025			
Equity		25.82	
Debt		60.27	
Total		86.09	
Addcap for 2025 - 2026			
Equity		4,127.60	
Debt		9,631.07	
Total		13,758.67	
Addcap for 2026 - 2027			
Equity		3,557.80	
Debt		8,301.53	
Total		11,859.33	
Addcap for 2027 - 2028			
Equity		0.00	
Debt		0.00	
Total		0.00	
Addcap for 2028 - 2029			
Equity		0.00	
Debt		0.00	
Total		0.00	
Total Capital cost with Addcap		107,230.16	

(Petitioner)

516

883

Form No. - 7

Statement of Additional Capitalisation after COD

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV &		
Region	Western Region	DOCO Date	Mar 20, 2025

(Amount in Rs. Lakh)

Particulars	Addition into Gross Block as per books of Account during the year (2)	De-Cap into Gross Block as per books of Account during the year	Less: Deductions dr. the year towards				Add: Discharge of earlier admitted liability	ACE on cash basis for tariff purpose	Admitted Cost in final tariff (Rs Lakh)
			Grants Received (if any) (3)	Asset pertaining to other business (If any) (4)	Other Deduct ion (if any) (5)	Less: Un-discharged liability included in (2-4-5)			
ACE for the year :2024-25 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	69.46	69.46	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	15.69	15.69	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.65	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	86.09	86.09	0.00
ACE for the year :2025-26 (Actual/Projected)									

POWER GRID CORPORATION OF INDIA LTD. POWERGRID

0724002 : 400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S

384

Land (Freehold Land)	162.18	0.00	0.00	0.00	0.00	0.00	0.00	162.18	0.00
Building & Civil Works	2,242.48	0.00	0.00	0.00	0.00	0.00	0.55	2,243.03	0.00
Transmission Lines	2,900.25	0.00	0.00	0.00	0.00	0.00	8,043.21	10,943.46	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	275.91	275.91	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	46.45	46.45	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	51.68	51.68	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	35.96	35.96	0.00
Total	5,304.91	0.00	0.00	0.00	0.00	0.00	8,453.76	13,758.67	0.00
ACE for the year :2026-27 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	2,180.70	0.00	0.00	0.00	0.00	0.00	0.00	2,180.70	0.00
Transmission Lines	2,111.78	0.00	0.00	0.00	0.00	0.00	2,147.65	4,259.43	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	5,419.20	5,419.20	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	4,292.48	0.00	0.00	0.00	0.00	0.00	7,566.85	11,859.33	0.00
ACE for the year :2027-28 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

POWER GRID CORPORATION OF INDIA LTD.

Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE for the year :2028-29 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

519

386

Financing of Additional Capitalisation

Form No. - 7A

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.		
Region	Western Region	DOCO Date	Mar 20, 2025

(Amount in Rs. Lakh)

Financial Year (Starting of COD)	Actual/Projected					Admitted				
	2024-25	2025-26	2026-27	2027-28	2028-29	2024-25	2025-26	2026-27	2027-28	2028-29
Amount capitilized in Work/ Equipment										
Financing Details										
Total Loan	60.27	9,631.07	8,301.53	0.00	0.00					
Equity	25.82	4,127.60	3,557.80	0.00	0.00					
Total	86.09	13,758.67	11,859.33	0.00	0.00					

POWER GRID CORPORATION OF INDIA LTD.

(Petitioner)

Calculation of ROE

Form No. - 8

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV &		
Region	Western Region	DOCO Date	Mar 20, 2025

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No. of Days in the year	365.00	365.00	365.00	366.00	365.00
No. of days for which tariff claimed	12.00	365.00	365.00	366.00	365.00
Opening Normative Equity	24,457.82	24,483.64	28,611.24	32,169.04	32,169.04
Less: Adjustment in Equity*	0.00	0.00	0.00	0.00	0.00
Adjustment during the year	0.00	0.00	0.00	0.00	0.00
Net opening equity (Normal)	24,457.82	24,483.64	28,611.24	32,169.04	32,169.04
Add: Increase in Equity due to addition during the year / period	0.00	1,591.47	1,287.74	0.00	0.00
Less: Decrease due to de-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
Add: Increase due to discharge during the year / period	25.82	2,536.13	2,270.06	0.00	0.00
Closing Normative Equity	24,483.64	28,611.24	32,169.04	32,169.04	32,169.04
Average Normative Equity	24,470.73	26,547.44	30,390.14	32,169.04	32,169.04
Rate of return on Equity (%)	18.176	18.176	18.176	18.176	18.176
Reduced rate of 1% decided by commission under Regulation 30(2) (if any)	0.00	0.00	0.00	0.00	0.00
Effective rate of ROE	15.00	15.00	15.00	15.00	15.00
MAT/Corporate Rate	17.472	17.472	17.472	17.472	17.472
Grossed up rate of ROE	18.176	18.176	18.176	18.176	18.176
Return on Equity	4,447.80	4,825.26	5,523.71	5,847.04	5,847.04
Pro rata return on Equity	146.23	4,825.26	5,523.71	5,847.04	5,847.04

-(Petitioner)

POWER GRID CORPORATION OF INDIA LTD.

0724002 : 400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S

388

Calculation of WAR of interest on actual loan

Form No. - 9C

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV &		
Region	Western Region	DOCO Date	Mar 20, 2025

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
SBI-04 -DOCO FUNDING					
Gross Loan- Opening	45.43	45.43	45.43	45.43	45.43
Cumulative repayments of Loans upto previous year	9.01	9.01	13.87	18.72	23.58
Net loan-Opening	36.42	36.42	31.56	26.71	21.85
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	4.86	4.86	4.86	4.86
Net Loan-Closing	36.42	31.56	26.70	21.85	16.99
Average Net Loan	36.42	33.99	29.13	24.28	19.42
Rate of Interest on Loan on Annual Basis	8.55	8.55	8.55	8.55	8.55
Interest on loan	3.1139	2.9061	2.4906	2.0759	1.6604

SBI-04 -DOCO FUNDING					
Gross Loan- Opening	256.05	256.05	256.05	256.05	256.05
Cumulative repayments of Loans upto previous year	50.74	50.74	78.11	105.49	132.86
Net loan-Opening	205.31	205.31	177.94	150.56	123.19
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	27.37	27.37	27.37	27.37
Net Loan-Closing	205.31	177.94	150.57	123.19	95.82

Average Net Loan	205.31	191.63	164.26	136.88	109.51
Rate of Interest on Loan on Annual Basis	8.55	8.55	8.55	8.55	8.55
Interest on loan	17.554	16.3844	14.0442	11.7032	9.3631

SBI-04 -DOCO FUNDING					
Gross Loan- Opening	724.26	724.26	724.26	724.26	724.26
Cumulative repayments of Loans upto previous year	143.53	143.53	220.96	298.39	375.82
Net loan-Opening	580.73	580.73	503.30	425.87	348.44
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	77.43	77.43	77.43	77.43
Net Loan-Closing	580.73	503.30	425.87	348.44	271.01
Average Net Loan	580.73	542.02	464.59	387.16	309.73
Rate of Interest on Loan on Annual Basis	8.55	8.55	8.55	8.55	8.55
Interest on loan	49.6524	46.3427	39.7224	33.1022	26.4819

Canara-01 -DOCO FUNDING					
Gross Loan- Opening	4,800.00	4,800.00	4,800.00	4,800.00	4,800.00
Cumulative repayments of Loans upto previous year	266.67	266.67	800.00	1,333.34	1,866.67
Net loan-Opening	4,533.33	4,533.33	4,000.00	3,466.66	2,933.33
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	533.33	533.33	533.33	533.33
Net Loan-Closing	4,533.33	4,000.00	3,466.67	2,933.33	2,400.00
Average Net Loan	4,533.33	4,266.67	3,733.34	3,200.00	2,666.67
Rate of Interest on Loan on Annual Basis	7.90	7.90	7.90	7.90	7.90
Interest on loan	358.1331	337.0669	294.9339	252.80	210.6669

390

POWER GRID CORPORATION OF INDIA LTD.

Canara-01 -DOCO FUNDING					
Gross Loan- Opening	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
Cumulative repayments of Loans upto previous year	83.33	83.33	250.00	416.67	583.33
Net loan-Opening	1,416.67	1,416.67	1,250.00	1,083.33	916.67
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	166.67	166.67	166.67	166.67
Net Loan-Closing	1,416.67	1,250.00	1,083.33	916.66	750.00
Average Net Loan	1,416.67	1,333.34	1,166.67	1,000.00	833.34
Rate of Interest on Loan on Annual Basis	7.90	7.90	7.90	7.90	7.90
Interest on loan	111.9169	105.3339	92.1669	79.00	65.8339

Canara-01 -DOCO FUNDING					
Gross Loan- Opening	2,250.00	2,250.00	2,250.00	2,250.00	2,250.00
Cumulative repayments of Loans upto previous year	125.00	125.00	375.00	625.00	875.00
Net loan-Opening	2,125.00	2,125.00	1,875.00	1,625.00	1,375.00
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	250.00	250.00	250.00	250.00
Net Loan-Closing	2,125.00	1,875.00	1,625.00	1,375.00	1,125.00
Average Net Loan	2,125.00	2,000.00	1,750.00	1,500.00	1,250.00
Rate of Interest on Loan on Annual Basis	7.90	7.90	7.90	7.90	7.90
Interest on loan	167.875	158.00	138.25	118.50	98.75

BOND LXX (70) -DOCO FUNDING					
Gross Loan- Opening	7,693.26	7,693.26	7,693.26	7,693.26	7,693.26
Cumulative repayments of Loans upto previous year	1,538.65	1,538.65	2,307.98	3,077.30	3,846.63
Net loan-Opening	6,154.61	6,154.61	5,385.28	4,615.96	3,846.63

Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	769.33	769.33	769.33	769.33
Net Loan-Closing	6,154.61	5,385.28	4,615.95	3,846.63	3,077.30
Average Net Loan	6,154.61	5,769.95	5,000.62	4,231.30	3,461.97
Rate of Interest on Loan on Annual Basis	7.40	7.40	7.40	7.40	7.40
Interest on loan	455.4411	426.9763	370.0459	313.1162	256.1858

BOND LXXI (71) -DOCO FUNDING					
Gross Loan- Opening	4,600.00	4,600.00	4,600.00	4,600.00	4,600.00
Cumulative repayments of Loans upto previous year	805.00	805.00	1,265.00	1,725.00	2,185.00
Net loan-Opening	3,795.00	3,795.00	3,335.00	2,875.00	2,415.00
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	460.00	460.00	460.00	460.00
Net Loan-Closing	3,795.00	3,335.00	2,875.00	2,415.00	1,955.00
Average Net Loan	3,795.00	3,565.00	3,105.00	2,645.00	2,185.00
Rate of Interest on Loan on Annual Basis	7.52	7.52	7.52	7.52	7.52
Interest on loan	285.384	268.088	233.496	198.904	164.312

BOND LXXIII (73) -DOCO FUNDING					
Gross Loan- Opening	4,412.00	4,412.00	4,412.00	4,412.00	4,412.00
Cumulative repayments of Loans upto previous year	441.20	441.20	882.40	1,323.60	1,764.80
Net loan-Opening	3,970.80	3,970.80	3,529.60	3,088.40	2,647.20
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	441.20	441.20	441.20	441.20
Net Loan-Closing	3,970.80	3,529.60	3,088.40	2,647.20	2,206.00
Average Net Loan	3,970.80	3,750.20	3,309.00	2,867.80	2,426.60

Rate of Interest on Loan on Annual Basis	7.50	7.50	7.50	7.50	7.50
Interest on loan	297.81	281.265	248.175	215.085	181.995

Bond LXXV (75) -DOCO FUNDING					
Gross Loan- Opening	18,345.00	18,345.00	18,345.00	18,345.00	18,345.00
Cumulative repayments of Loans upto previous year	1,834.50	1,834.50	3,669.00	5,503.50	7,338.00
Net loan-Opening	16,510.50	16,510.50	14,676.00	12,841.50	11,007.00
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	1,834.50	1,834.50	1,834.50	1,834.50
Net Loan-Closing	16,510.50	14,676.00	12,841.50	11,007.00	9,172.50
Average Net Loan	16,510.50	15,593.25	13,758.75	11,924.25	10,089.75
Rate of Interest on Loan on Annual Basis	7.65	7.65	7.65	7.65	7.65
Interest on loan	1,263.0533	1,192.8836	1,052.5444	912.2051	771.8659

Canara-02 -DOCO FUNDING					
Gross Loan- Opening	2,975.00	2,975.00	2,975.00	2,975.00	2,975.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	212.50
Net loan-Opening	2,975.00	2,975.00	2,975.00	2,975.00	2,762.50
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	212.50	425.00
Net Loan-Closing	2,975.00	2,975.00	2,975.00	2,762.50	2,337.50
Average Net Loan	2,975.00	2,975.00	2,975.00	2,868.75	2,550.00
Rate of Interest on Loan on Annual Basis	7.90	7.90	7.90	7.90	7.90
Interest on loan	235.025	235.025	235.025	226.6313	201.45

Canara-02 -DOCO FUNDING

Gross Loan- Opening	899.99	899.99	899.99	899.99	899.99
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	64.29
Net loan-Opening	899.99	899.99	899.99	899.99	835.70
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	64.29	128.57
Net Loan-Closing	899.99	899.99	899.99	835.70	707.13
Average Net Loan	899.99	899.99	899.99	867.85	771.42
Rate of Interest on Loan on Annual Basis	7.90	7.90	7.90	7.90	7.90
Interest on loan	71.0992	71.0992	71.0992	68.5602	60.9422

Canara-02 -DOCO FUNDING					
Gross Loan- Opening	8,097.63	8,097.63	8,097.63	8,097.63	8,097.63
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	578.40
Net loan-Opening	8,097.63	8,097.63	8,097.63	8,097.63	7,519.23
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	578.40	1,156.80
Net Loan-Closing	8,097.63	8,097.63	8,097.63	7,519.23	6,362.43
Average Net Loan	8,097.63	8,097.63	8,097.63	7,808.43	6,940.83
Rate of Interest on Loan on Annual Basis	7.90	7.90	7.90	7.90	7.90
Interest on loan	639.7128	639.7128	639.7128	616.866	548.3256

HDFC-03 -ACCRUAL IDC					
Gross Loan- Opening	0.00	60.27	60.27	60.27	60.27
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
Net loan-Opening	0.00	60.27	60.27	60.27	60.27
Add: Drawl(s) during the year	60.27	0.00	0.00	0.00	0.00

Less: Repayment(s) of loan during the year	0.00	0.00	0.00	0.00	60.27
Net Loan-Closing	60.27	60.27	60.27	60.27	0.00
Average Net Loan	30.14	60.27	60.27	60.27	30.14
Rate of Interest on Loan on Annual Basis	7.72	7.72	7.72	7.72	7.72
Interest on loan	2.3268	4.6528	4.6528	4.6528	2.3268

HDFC-03 -ACCRUAL IDC					
Gross Loan- Opening	0.00	0.00	327.56	327.56	327.56
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
Net loan-Opening	0.00	0.00	327.56	327.56	327.56
Add: Drawl(s) during the year	0.00	327.56	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	0.00	327.56
Net Loan-Closing	0.00	327.56	327.56	327.56	0.00
Average Net Loan	0.00	163.78	327.56	327.56	163.78
Rate of Interest on Loan on Annual Basis	7.72	7.72	7.72	7.72	7.72
Interest on loan	0.00	12.6438	25.2876	25.2876	12.6438

Summary					
Gross Loan- Opening	56,598.62	56,658.89	56,986.45	56,986.45	56,986.45
Cumulative repayments of Loans upto previous year	5,297.63	5,297.63	9,862.32	14,427.01	19,846.88
Net loan-Opening	51,300.99	51,361.26	47,124.13	42,559.44	37,139.57
Add: Drawl(s) during the year	60.27	327.56	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	4,564.69	4,564.69	5,419.88	6,662.89
Net Loan-Closing	51,361.26	47,124.13	42,559.44	37,139.56	30,476.68
Average Net Loan	51,331.13	49,242.72	44,841.81	39,849.53	33,808.16

Rate of Interest on Loan on Annual Basis	7.7109	7.7136	7.7197	7.7253	7.7283
Interest on loan	3,958.0975	3,798.3805	3,461.6467	3,078.4895	2,612.8033

(Petitioner)

Calculation of interest on Normative loan

Form No. - 9E

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV &		
Region	Western Region	DOCO Date	Mar 20, 2025

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No. of Days in the Year	365.00	365.00	365.00	366.00	365.00
No. of days for which Tariff claimed	12.00	365.00	365.00	366.00	365.00
Gross normative loan-Opening	57,068.25	57,128.52	66,759.59	75,061.12	75,061.12
Cumulative repayments of Normative loan upto previous year	0.00	93.75	3,229.94	6,889.44	10,789.58
Net normative loan-Opening	57,068.25	57,034.77	63,529.65	68,171.68	64,271.54
Addition in normative loan towards the ACE	60.27	9,631.07	8,301.53	0.00	0.00
Adjustment of normative gross loan pertaining to the decapitalised asset	0.00	0.00	0.00	0.00	0.00
Normative repayments of normative loan during the year	93.75	3,136.19	3,659.50	3,900.14	3,900.14
Adjustment of cumulative repayment pertaining to the decapitalised asset	0.00	0.00	0.00	0.00	0.00
Net normative loan - closing	57,034.77	63,529.65	68,171.68	64,271.54	60,371.40
Average normative loan	57,051.51	60,282.21	65,850.67	66,221.61	62,321.47
Weighted Average Rate of interest on actual loan	7.7109	7.7136	7.7197	7.7253	7.7283
Interest on normative loan	4,399.18	4,649.93	5,083.47	5,115.82	4,816.39
Pro rata interest on normative loan	144.63	4,649.93	5,083.47	5,115.82	4,816.39

(Petitioner)

POWER GRID CORPORATION OF INDIA पावरग्रिड POWERGRID

530

399

Calculation of Depreciation Rate on Original Project Cost

Form No. - 10

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV &		
Region	Western Region	DOCO Date	Mar 20, 2025

(Amount in Rs. Lakh)

Name of Assets	Gross block at the beginning of the year	Add Cap during the year	Gross block at the end of the year	Average Gross Block	Depreciation Rate as per CERC's Depreciation Rate Schedule	Depreciation Amount for each year upto 31.03.2029
2024-25						
Land(Freehold)	14,605.44	0.00	14,605.44	14,605.44	0.00	0.00
Civil & Building	78.90	0.10	79.00	78.95	3.34	0.09
Transmission Line	53,990.39	69.46	54,059.85	54,025.12	4.22	74.95
Sub Station	12,198.22	15.69	12,213.91	12,206.07	4.22	16.93
Comm. Sys. excluding Fiber Optic	69.35	0.09	69.44	69.40	15.00	0.34
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	77.11	0.10	77.21	77.16	15.00	0.38
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	506.66	0.65	507.31	506.99	6.33	1.06
TOTAL	81,526.07	86.09	81,612.16	81,569.13	0.00	93.75
Weighted Average Rate of Depreciation(%)					0.114933	
2025-26						
Land(Freehold)	14,605.44	162.18	14,767.62	14,686.53	0.00	0.00

531

398

POWER GRID CORPORATION OF INDIA LTD.

Civil & Building	79.00	2,243.03	2,322.03	1,200.52	3.34	40.10
Transmission Line	54,059.85	10,943.46	65,003.31	59,531.58	4.22	2,512.23
Sub Station	12,213.91	275.91	12,489.82	12,351.87	4.22	521.25
Comm. Sys. excluding Fiber Optic	69.44	46.45	115.89	92.67	15.00	13.90
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	77.21	51.68	128.89	103.05	15.00	15.46
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	507.31	35.96	543.27	525.29	6.33	33.25
TOTAL	81,612.16	13,758.67	95,370.83	88,491.51	0.00	3,136.19
Weighted Average Rate of Depreciation(%)					3.544058	

2026-27						
Land(Freehold)	14,767.62	0.00	14,767.62	14,767.62	0.00	0.00
Civil & Building	2,322.03	2,180.70	4,502.73	3,412.38	3.34	113.97
Transmission Line	65,003.31	4,259.43	69,262.74	67,133.03	4.22	2,833.01
Sub Station	12,489.82	5,419.20	17,909.02	15,199.42	4.22	641.42
Comm. Sys. excluding Fiber Optic	115.89	0.00	115.89	115.89	15.00	17.38
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	128.89	0.00	128.89	128.89	15.00	19.33
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	543.27	0.00	543.27	543.27	6.33	34.39
TOTAL	95,370.83	11,859.33	107,230.16	101,300.5	0.00	3,659.50
Weighted Average Rate of Depreciation(%)					3.612519	

0724002 : 400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit towers along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor 125 MVAR along with associated bay (GIS) at New Navsari (GIS) S/S

399

POWER GRID CORPORATION OF INDIA LTD.

2027-28						
Land(Freehold)	14,767.62	0.00	14,767.62	14,767.62	0.00	0.00
Civil & Building	4,502.73	0.00	4,502.73	4,502.73	3.34	150.39
Transmission Line	69,262.74	0.00	69,262.74	69,262.74	4.22	2,922.89
Sub Station	17,909.02	0.00	17,909.02	17,909.02	4.22	755.76
Comm. Sys. excluding Fiber Optic	115.89	0.00	115.89	115.89	15.00	17.38
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	128.89	0.00	128.89	128.89	15.00	19.33
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	543.27	0.00	543.27	543.27	6.33	34.39
TOTAL	107,230.16	0.00	107,230.16	107,230.1	0.00	3,900.14
Weighted Average Rate of Depreciation(%)					3.637167	

2028-29						
Land(Freehold)	14,767.62	0.00	14,767.62	14,767.62	0.00	0.00
Civil & Building	4,502.73	0.00	4,502.73	4,502.73	3.34	150.39
Transmission Line	69,262.74	0.00	69,262.74	69,262.74	4.22	2,922.89
Sub Station	17,909.02	0.00	17,909.02	17,909.02	4.22	755.76
Comm. Sys. excluding Fiber Optic	115.89	0.00	115.89	115.89	15.00	17.38
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	128.89	0.00	128.89	128.89	15.00	19.33
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	543.27	0.00	543.27	543.27	6.33	34.39
TOTAL	107,230.16	0.00	107,230.16	107,230.1	0.00	3,900.14

POWER GRID CORPORATION OF INDIA LTD.

Weighted Average Rate of Depreciation(%)					3.637167	

(Petitioner)

Statement of Depreciation

Form No. - 10A

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV &		
Region	Western Region	DOCO Date	Mar 20, 2025

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No of Days in the year	365.00	365.00	365.00	366.00	365.00
No of days for which tariff claimed	12.00	365.00	365.00	366.00	365.00
Life at the beginning of the year					
1.1 Weighted Average useful life of the Asset/ Project	33.00	33.00	33.00	33.00	33.00
1.2 Lapsed Weighted Average useful life of the Asset/Project(in completed no. of year)	0.00	0.00	1.00	2.00	3.00
1.3 Balance Weighted Average useful life of the Asset/Project(in completed no. of year)	33.00	33.00	32.00	31.00	30.00
Capital Base					
1.4 Opening capital cost	81,526.07	81,612.16	95,370.83	107,230.16	107,230.16
1.5 Additional Capital Expenditure dr. the year	86.09	13,758.67	11,859.33	0.00	0.00
1.6 De-Capitalisation During the year	0.00	0.00	0.00	0.00	0.00
1.7 Closing capital cost	81,612.16	95,370.83	107,230.16	107,230.16	107,230.16
1.8 Average capital cost	81,569.13	88,491.51	101,300.50	107,230.16	107,230.16
1.9 Freehold land included in 1.8	14,605.44	14,686.53	14,767.62	14,767.62	14,767.62
1.10 Asset having NIL salvage value included in 1.8	77.16	103.05	128.89	128.89	128.89
1.11 Asset having 10% salvage value included in 1.8	66,886.53	73,701.93	86,403.99	92,333.65	92,333.65
1.12 Depreciable Value(1.10+90% of 1.11)	60,275.04	66,434.78	77,892.48	83,229.18	83,229.18
Depreciation for the period and Cum. Depreciation					
1.13 Weighted Average Rate of depreciation	0.114933	3.544058	3.612519	3.637167	3.637167

535

402

POWER GRID CORPORATION OF INDIA LTD.

1.14 Depreciation(for the period)	93.75	3,136.19	3,659.50	3,900.14	3,900.14
1.15 Depreciation(Annualised)	93.75	3,136.19	3,659.50	3,900.14	3,900.14
Unrecovered Depreciation for DECAP	0.00	0.00	0.00	0.00	0.00
1.16 Cumulative depreciation at the beginning of the period	0.00	93.75	3,229.94	6,889.44	10,789.58
1.17 Less:Adj of Cum. Dep pertaining to decapitalised Asset	0.00	0.00	0.00	0.00	0.00
1.18 Cumulative depreciation at the end of the period	93.75	3,229.94	6,889.44	10,789.58	14,689.72

(Petitioner)

POWER GRID CORPORATION OF INDIA पावरग्रिड POWERGRID

Calculation of interest on working Capital

Form No. - 11

Name of the Transmission Licensee	Power Grid Corporation of India Limited		
Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS (Part B)		
Element Description	400 kV New Navsari(GIS)-Magarwada(GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada(GIS) S/S. 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV &		
Region	Western Region	DOCO Date	Mar 20, 2025

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No of Days in the year	365.00	365.00	365.00	366.00	365.00
No of days for which tariff claimed	12.00	365.00	365.00	366.00	365.00
O&M Expenses-one month	45.94	48.37	50.86	53.51	56.41
Maintenance spares 15% of O&M Expenses	82.69	87.07	91.55	96.32	101.54
Receivables equivalent to 45 days of AFC	1,534.66	1,652.63	1,863.59	1,936.90	1,909.30
Total Working capital	1,663.29	1,788.07	2,006.00	2,086.73	2,067.25
Bank Rate as on 01.04.2024 or as on 01st April of the COD year,whichever is later.	11.90	11.90	11.90	11.90	11.90
Interest on working capital	197.93	212.78	238.71	248.32	246.00
Pro rata interest on working capital	6.51	212.78	238.71	248.32	246.00

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

FORM 12 A

Details of IEDC

Name of the Petitioner	Power Grid Corporation of India Ltd
Name of the Region	Western Region
Name of the Project	Transmission Network Expansion in Gujarat to increase its
Name of the Asset	400 kV New Navsari(GIS)-Magarwada (GIS) D/C line strung
DOCO	20.03.2025

		EXPS		
DOCO	**Asset Details**	**2022-23**	**2023-24**	**2024-25**
1	Employees Remuneration & Benefits	3,09,85,232.40	5,40,99,751.36	10,15,57,514.15
2	Finance Costs			
3	Water Charges			
4	Communication Expenses			
5	Power charges			
6	Other Office & Admin Exps			
7	**Others**	12,79,36,603.14	22,33,75,391.56	41,93,26,317.07
8	Other Pre operating Expenses			
	TOTAL	15,89,21,835.54	27,74,75,142.92	52,08,83,831.22
1	Income from sale of tenders			
2	Income from guest house			
3	Income recovered from contractors			
4	Interest on deposits			
	TOTAL	-	-	
	IEDC TAKEN TO CERTIFICATES	15,89,21,835.54	27,74,75,142.92	52,08,83,831.22

Petitioner

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Details of Initial Spares

Name of Petitioner	Powergrid Corporation of India Limited		
Claimed / Admitted COD	20-03-2025	Cut-Off Date of the Asset	19-03-2028

A) Determination of Excess initials spare and its adjustment from Capital cost

Particulars	Plant and machinery cost as on cut-off Date1	Initial Spare Capitalised as per Books of Account up to Cut-off Date					Ceiling limit as mentioned in Regulations 23	Entitled Initial Spare as per Regulations	Excess of capitalised Initial Spare to be reduced from Capital cost	Adjustment of Excess Initial Spare from Capital cost of Plant and Machinery			
		As on COD	As ACE during 2019-20	As ACE during 2020-21	As ACE during 2021-22	Total as on Cut off Date3				COD	ACE for 2019-20	ACE for 2020-21	ACE for 2021-22
1	2	3	4	5	6	7	8	9	10=7-9 (Note 2)	11	12	13	14
Transmission Line	56,607.73	571.80				571.80	1.00%	571.8	0.00				
Substation Green Field						-	4.00%						
Substation Brown Field	-	-				-	6.00%	0	-				
Series Comensation devices and HVDC Stations						-	4.00%						
GIS/S- Green field	14,452.85	760.33				760.33	5.00%	760.68	(0.35)				
GIS/S- Brown field													
Communication System	437.49	4.42	-	-	-	4.42	3.50%	15.31	(10.89)				
Static Synchronous Compensator							6.00%						
Initial spare as per Books of Account		1,336.55				1,336.55							
Un-Discharge liabilities included above						-							
Total Capitalized Initial Spare													

Note: 1) Plant and machinery cost as on cut-off Date for the purpose of initial spare (As computed in Col. L of the below table)
2) The column 10 has to be shown as nil in case the claimed initial spare is with in the ceiling limit.
3) Total cost should be excluding IDC and IEDC.

(Petitioner)

B) Determination of Plant & Machinery Cost for ceiling of Initial Spares

Particulars	Gross Block of Asset as on COD	Less:Amount included in Col.B towards					Plant & Machinery cost as on COD for initial Spare purpose	Plant & Machinery Capitalised as ACE up to cut off date			Plant & Machinery cost as on cut off date for the purpose of initial spare
		Land Cost	Cost of Civil Works	IEDC	IDC	Initial Spare		Upto 2025	2025-26	2026-27	
a	b	c	d	e	f	g	h=b-c-d-e-f-g	I	j	k	l=h+i+j+k
Transmission Line	63,709.44			7,797.39	3,744.56	571.80	51,595.69		2,900.26	2,111.78	56,607.73
Substation Green Field							-				-
Substation Brown Field		-					-				-
Series Comensation devices and HVDC Stations							-				-
GIS/S- Green field	17,786.73			1,675.01	898.55	760.33	14,452.85				14,452.85
GIS/S- Brown field							-				-
Communication System	538.19	-	-	67.40	28.88	4.42	437.49	-	-	-	437.49
Static Synchronous Compensator							-				-

Note:The cost details for the year in which cut off date falls has to be provide only upto cut off date.

FORM 14

Name of the Petitioner	Power Grid Corporation of India Ltd
Name of the Region	Western Region
Name of the Project	Transmission Network Expansion in Gujarat to increase its ATC from ISTS: Part B
Name of the Asset	400 kV New Navsari(GIS)-Magarwada (GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada (GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S and 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.
DOCO	20.03.2025

DOCO	Asset Details	upto 2023-24	2024-25
1	**Interest on Loans and Advances**		
a)	Interest From Contractor		
b)	Interest From Employee Loans and Advances		
2	**Income from Sale of Scrap**		
3	**Misc Receipts**		
a)	Other Recoveries From Contractors/Suppliers		
b)	Recovery of Rent from Emp Res Buildings		
c)	Electy Charges Recovered Frm Emp Res Bldgs		
d)	Liquidated Damages Recovered		
e)	Other Miscellaneous Receipts	0	
f)	Interest from Indian Banks		
	Total	0	0
	Less:Income transferred to expenditure during construction (Net) - Adjusted in Cost of Asset	0	
	Net Income	0	0

Petitioner

Summary of issue involved in the petition

PART-III
FORM- 15

1. Name of the Petitioner	Power Grid Corporation of India Limited
2. Petition Category	Transmission
3. Tariff Period	2024-29
4. Name of the Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B
5. Investment Approval date	07.07.2022
6. SCOD of the Project	30.06.2023
7. Actual COD of the project	03.07.2024-Asset-1 20.03.2025-Asset-2
8. Whether entire scope is covered in the present petition.	No
9. No. of Assets covered in instant petition	2
10. No. of Assets having time over run	2
11. Estimated Project Cost as per IA	Rs 4546.26 Crore
12. Is there any RCE? if so, provide the date	No
13. Revised Estimated Project Cost (if any)	N.A.
14. Completion cost for all the assets covered in the instant petition.	Rs 112457.68 Lakh
15. No. of Assets covered in instant petition and having cost overrun.	Nil

16	**Prayer in brief**			
17	**Key details and any Specific issue involved**			
18	**Respondents**			
	Name of Respondents			
	1	MADHYA PRADESH POWER MANAGEMENT COMPANY LTD	6	DNHDD POWER DISTRIBUTION CORPORATION LIMITED
	2	ELECTRICITY DEPARTMENT, GOA	7	GUJARAT ENERGY TRANSMISSION CORPORATION LTD
	3	MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.		
	4	GUJARAT URJA VIKAS NIGAM LTD.		
	5	CHHATTISGARH STATE POWER DISTRIBUTION CO. LTD		

(Petitioner)

PART-III

Summary of Capital Cost & Annual Fixed Cost (AFC) Claimed for ALL the assets covered in the present petition.	
Name of the Petitioner	Power Grid Corporation of India Ltd
Tariff Period	**2024-29**
Name of the Transmission Project	Transmission Network Expansion in Gujarat to increase ATC from ISTS, Part-B
COD of the Project (if entire scope of project is completed)	-

Rupees in lakh

A) Summary of Capital Cost as on COD and Additional Capital Expenditure claimed for all the assets Covered in the instant petition.

S. No.	Asset No.	COD	Cut-off Date	*i) Apportioned Approved Cost*		ii) Summary of Actual / Projected Capital Cost						
				As per Investment approval	As per RCE	As on COD/ 01.04.2019	2024-25	2025-26	2026-27	2027-28	2028-29	Capital Cost as on 31.03.2029
		1	2	3	4	5	6	7	8	9	10	12=(5+6+7 +8+9+10+11)
1	Asset 1	03.07.2024	31.03.2028	4379.07	-	4483.91	761.05	635.98	17.45	0	0	5898.39
2	Asset 2	20.03.2025	31.03.2028	122009.41	-	81409.23		13290.73	11859.34			106559.30
----	TOTAL			**126388.48**		**85893.14**	**761.05**	**0.00**	**0**	**0**	**0**	**112457.69**
Total Capital Cost Claimed				112457.69								

B) Summary of Annual Fixed Cost (AFC) claimed for all the assets covered in the instant petition.

S. No.	Asset No.	Asset Name and its location	2024-25	2025-26	2026-27	2027-28	2028-29
1	Asset 1	1x1500 MVA 765/400 KV ICT at POWERGRID Padghe Substation	**895.12**	**1324.56**	**1380.18**	**1387.89**	**1397.66**
2	Asset 2	400 kV New Navsari(GIS)-Magarwada (GIS) D/C line strung on multi circuit tower along with associated 400 kV line bay(GIS) at New Navsari(GIS) S/S & Magarwada (GIS) S/S, 400 kV Bus Reactor (1x125 MVAr) along with associated bay (GIS) at New Navsari (GIS) S/S and 500 MVA 400/220 kV ICT-1&2 along with associated 400 kV & 220 kV ICT bays at New Navsari (GIS) S/S.	**409.25**	**13404.65**	**15115.74**	**15753.48**	**15486.53**

(Petitioner)

POWER GRID CORPORATION OF INDIA LTD.

End-17

INDEX

Checklist of Forms and other information/ documents for tariff filing for Transmission System& Communication System

PART-III
Check List

Form No.	Title of Tariff Filing Forms (Transmission& Communication System)	Tick
FORM-1	Summary of Tariff	✓
FORM-1A	Summary of Asset level cost	✓
FORM-2	Details of Transmission Lines and Substations and Communication System covered in the project scope and O&M for instant asset	✓
FORM-3	Normative parameters considered for tariff computations	✓
FORM-4	Abstract of existing transmission assets/elements under project, Determination of Effective COD and Weighted Average Life for single AFC for the project as whole.	N.A.
FORM-4A	Statement of Capital cost	✓
FORM-4B	Statement of Capital Works in Progress	N.A.
FORM-4C	Abstract of Capital Cost Estimates and Schedule of Commissioning for the New Project/Element	✓
FORM-5	Element wise Break-up of Project/ Asset/Element Cost for Transmission System or Communication System	✓
FORM-5A	Break-up of Construction/Supply/Service packages	✓
FORM-5B	Details of all the assets covered in the project	✓
FORM-6	Actual Cash Expenditure and Financial Package up to COD	✓
FORM-7	Statement of Additional Capitalisation after COD	✓
FORM-7A	Financing of Additional Capitalisation	✓
FORM-7B	Statement of Additional Capitalisation during five year before the end of the useful life of the project.	N.A.
FORM-8	Calculation of Return on Equity	✓
FORM-8A	Details of Foreign Equity	N.A.
FORM-9	Details of Allocation of corporate loans to various transmission elements	N.A.
FORM-9A	Details of Project Specific Loans	N.A.
FORM-9B	Details of Foreign loans	N.A.
FORM-9C	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM-9D	Loans in Foreign Currency	N.A.
FORM-9E	Calculation of Interest on Normative Loan	✓
FORM-10	Calculation of Depreciation Rate on original project cost	✓
FORM-10A	Statement of Depreciation	✓
FORM-10B	Statement of De-capitalisation	N.A.
FORM-11	Calculation of Interest on Working Capital	✓
FORM-12	Details of time over run	✓
FORM-12A	Incidental Expenditure during Construction	✓
FORM-12B	Calculation of IDC & Financing Charges	✓
FORM-13	Details of Initial spares	✓
FORM-14	Non-Tariff Income	✓
FORM-15	Summary of issue involved in the petition	✓
FORM A	Summary of Capital Cost & Annual Fixed Cost (AFC) Claimed for ALL	✓

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID

Other Information/ Documents		
S. No.	**Information/Document**	**Tick**
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association, & Articles of Association (For New Project(s) setup by a company making tariff application for the first time to CERC)	N.A.
2	Region wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & Annexure for the new Transmission System & Communication System for the relevant years.	NA
3	Copies of relevant loan Agreements	N.A.
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	Yes
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	N.A.
6	Copies of the BPTA/TSA/PPA with the beneficiaries, if any	N.A.
7	Detailed note giving reasons of cost and time over run, if applicable. List of supporting documents to be submitted: a. Detailed Project Report b. CPM Analysis c. PERT Chart and Bar Chart d. Justification for cost and time Overrun	Yes
8	Transmission Licensee shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the transmission system as submitted to the Govt. of India for first two years i.e. 2019-20 and 2020-21 at the time of mid-term true-up in 2021-22 and for balance period of tariff period 2019-24 at the time of final true-up in 2024-25. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	N.A.
9.	BBMB is maintaining the records as per the relevant applicable Acts. Formats specified herein may not be suitable to the available information with BBMB. BBMB may modify formats suitably as per available information to them for submission of required information for tariff purpose.	N.A.
10.	Any other relevant information, (Please specify)	N.A.
Note 1: Electronic copy of the petition (in words format) and detailed calculation as per these formats (in excel format) and any other information submitted has to be uploaded in the e-filing website and shall also be furnished in pen drive/flash drive.		

POWER GRID CORPORATION OF INDIA LTD. पावरग्रिड POWERGRID