पावर ग्रिड कोर्पोरेशन ऑफ इंडिया लिमिटेड
Power Grid Corporation of India Limited
सूचना का अधिकार अभिनियम 2005 के अंतर्गत केन्द्रीय लोक सूचना अधिकारी
Central Public Information Officer under the RTI Act, 2005
केन्द्रीय कार्यालय, 'सौदामिनी', प्लाट नं.2, सैक्टर-29, गुडगांव, हरियाणा-122007
Corporate Centre, 'Saudamini', Plot No. 2, Sector-29, Gurgaon, Haryana-122007

CIN : L40101DL1989GOI038121

PGCIL/R/2020/M-79

दिनांक: 05 March, 2020

Shri K. Ramakrishnan Iyer,
204, 2nd Floor, Neptune, Sun city,
Aadi Shankaracharya Marg, Powai,
Mumbai- 400076
Maharashtra

विषय: सूचना का अधिकार अधिनियम, 2005 के तहत जानकारी।

महोदय / महोदया,

कृपया आर.टी.आई. अधिनियम, 2005 के तहत दिनांक 21 January, 2020 को प्रेषित अपने आर.टी.आई. अनुरोध का संदर्भ लें।

उपरोक्त पत्र मे वांछित जानकारी अनुलग्नक-I मे संलग्न है।

यदि आप केंन्द्रीय लोक सूचना अधिकारी के उत्तर से संतुष्ट न हो तो, केंन्द्रीय लोक सूचना अधिकारी के उत्तर की प्राप्ति के 30 दिनों के भीतर पहले अपील प्राधिकारी के सम्मुख अपील की जा सकती है। आरटीआई अधिनियम, 2005 के तहत केंद्रीय कार्यालय, गुड़गांव में अपील प्राधिकारी का विवरण निम्नानुसार है:

श्री संजीव सिंह,
कार्यपालक निदेशक (सी एम जी) एवं अपील प्राधिकारी
केंद्रीय कार्यालय, पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड,
"सौदामिनी", प्लॉट नंबर-2, सेक्टर-29, गुड़गांव-122001, हरियाणा।
ईमेल आईडी: sanjeev@powergridindia.com
फोन नंबर: 0124-2571962

धन्यवाद,

भवदीय,

05/03/2020

(जसबीर सिंह)
वरिष्ठ महाप्रबंधक (के.आ.) व के.लो.सू.अधिकारी
Email id: cpio.cc@powergrid.co.in

Annexure-I

Point wise reply of RTI queries.

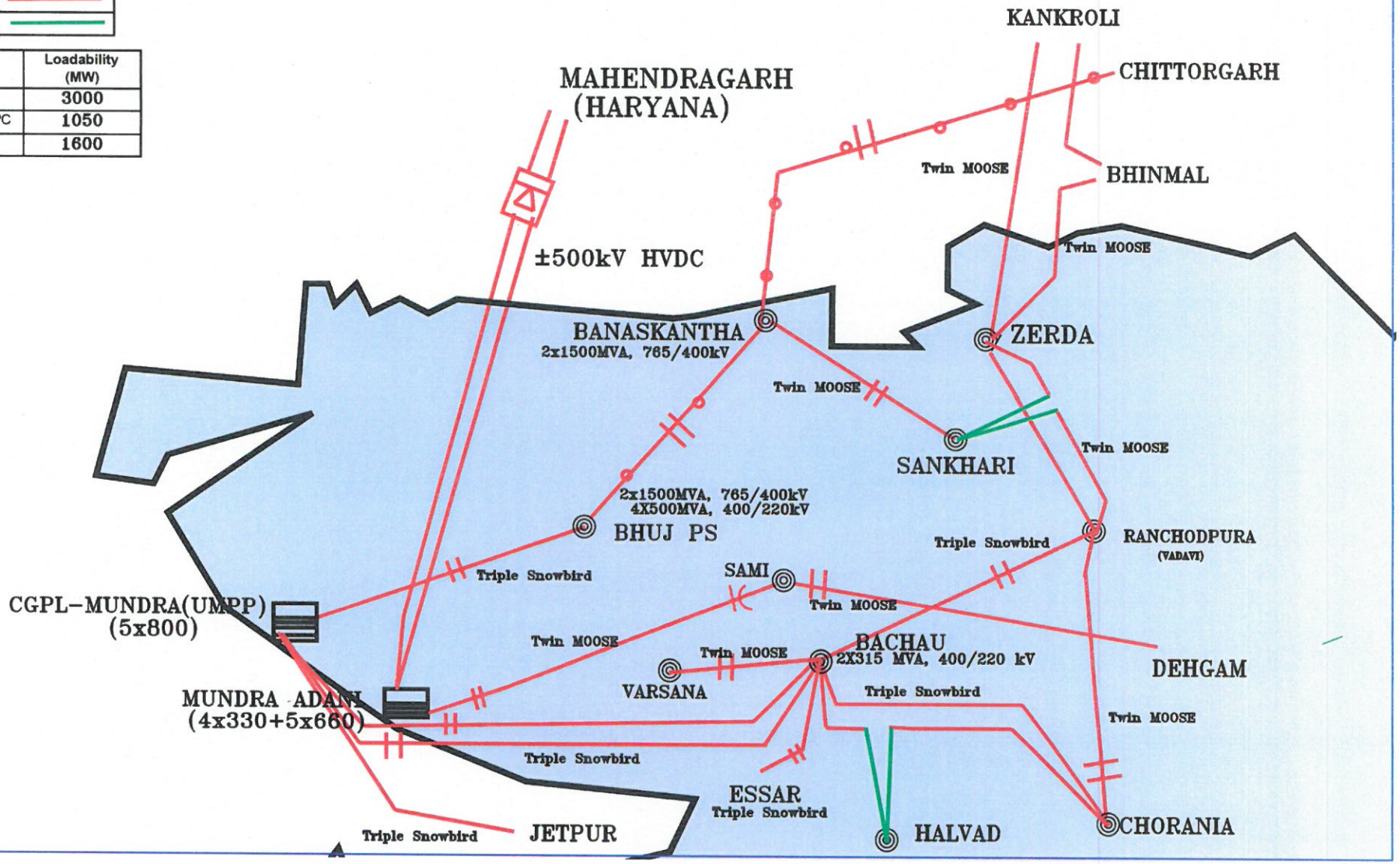
- **Point A:**
  Map of existing Inter-State Transmission System in Kutch, Gujarat, alongwith voltage level and capacity of various elements, is attached at **Annexure-A**.
- **Point B:**
  Map of proposed Inter-State Transmission System in Kutch, Gujarat, alongwith voltage level and capacity of various elements, is attached at **Annexure-B**.
- **Point C:**
  The status and developing agency of the proposed transmission system in Kutch, Gujarat is attached at **Annexure-C**.
- **Point D:**
  Reply to the point-wise queries have been tabulated at **Annexure-D.**

Annexure–A

Existing ISTS transmission system in Kutch, Gujarat

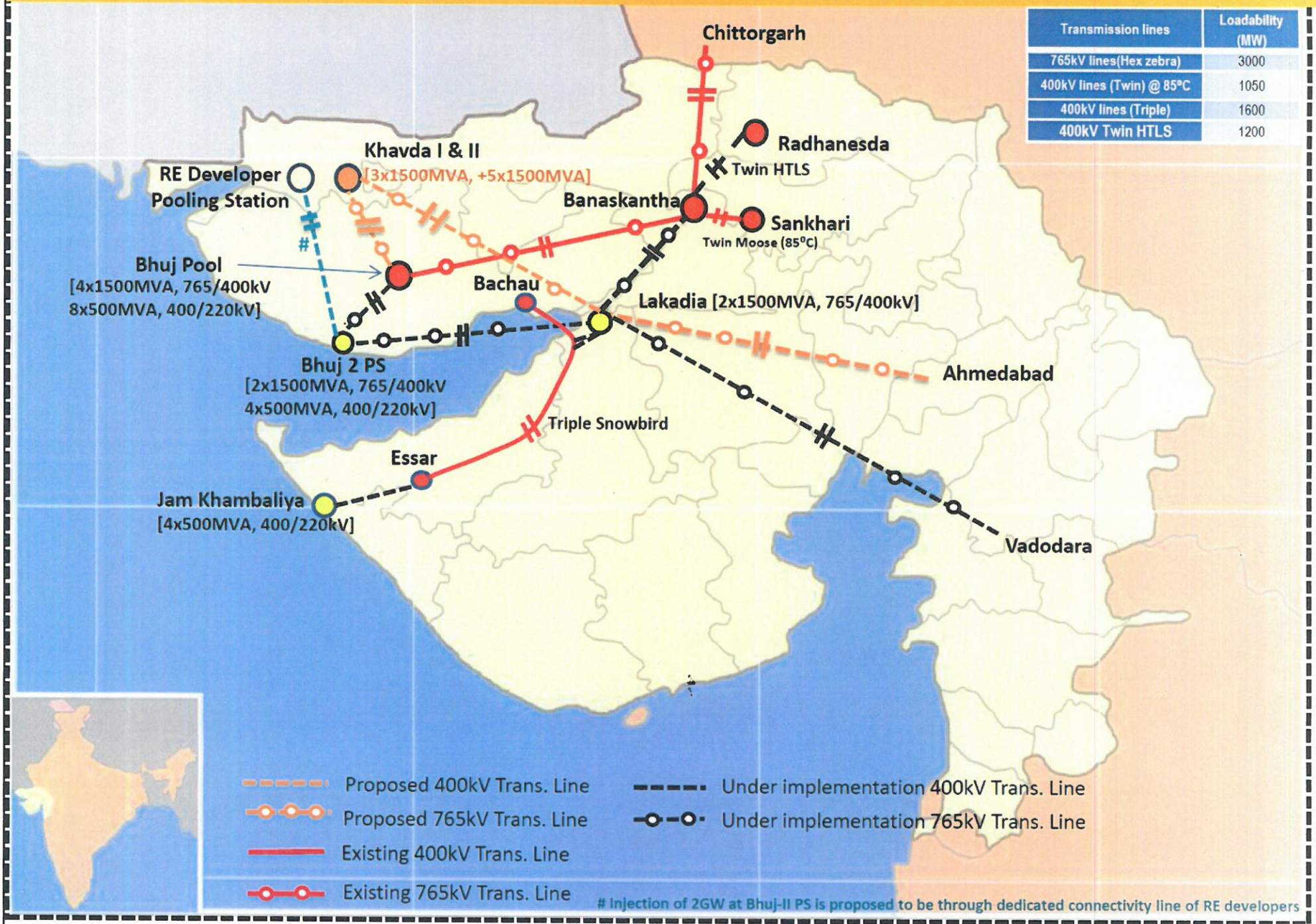
Transmission lines	Existing
765kV lines	
400kV lines (ISTS)	
400kV lines (Intra-State)	

Transmission lines	Loadability (MW)
765kV lines	3000
400kV lines (Twin) @ 85ºC	1050
400kV lines (Triple)	1600



Proposed ISTS transmission system in Kutch, Gujarat

Annexure-B



Transmission lines	Loadability (MW)
765kV lines(Hex zebra)	3000
400kV lines (Twin) @ 85°C	1050
400kV lines (Triple)	1600
400kV Twin HTLS	1200

Annexure-C

Scheme	Status	Developing Agency
1. **Western Region Strengthening Scheme-21 (WRSS-21) Part A - Transmission System strengthening for relieving over loadings observed in Gujarat Intra-state system due to RE injections in Bhuj PS** • Establishment of 2x1500MVA, 765/400kV Lakadia PS with 765kV (1x330MVAR) & 400kV (125 MVAR) bus reactor • LILO of Bhachau – EPGL 400kV D/c (triple) line at Lakadia PS • Bhuj PS – Lakadia PS 765kV D/c line along with 2 nos of 765kV bays at Bhuj PS	Approved	Private
2. **Western Region Strengthening Scheme-21 (WRSS-21) Part B - Transmission System strengthening for relieving over loadings observed in Gujarat Intra-state system due to RE injections in Bhuj PS** • Lakadia – Vadodara 765kV D/c line alongwith 330MVAr switchable line reactors & 2 nos of 765kV bays at both Vadodara and Lakadia S/s	Approved	Private
3. **Transmission System for providing connectivity to RE projects at Bhuj II in Gujarat** • Establishment of 2x1500MVA (765/400kV), 4x500MVA(400/220kV) Bhuj-II PS (GIS) with 765kV (1x330MVAR) and 400kV (125 MVAR) bus reactor along with 7 nos. 220kV line bays • Reconfiguration of Bhuj PS – Lakadia PS 765kV D/c line so as to establish Bhuj-II –Lakadia 765 kV D/C line as well as Bhuj-Bhuj-II 765kV D/C line	Approved	POWERGRID
4. **Transmission System for providing connectivity to RE projects in Gujarat** • Establishment of 4x500MVA, 400/220kV ICTs at Lakadia PS (400kV AIS and 220kV GIS) along with 7 nos. 220kV GIS line bays	Approved	Deferred due to land issues in Lakadia
5. **Transmission system associated with RE generations at Bhuj –II, Dwarka & Lakadia** • Lakadia PS – Banaskantha PS 765kV D/c line alongwith 765kV Bays at Lakadia and Banaskantha & 240MVAr switchable Line reactor at Banaskantha PS end	Approved	Private
6. **Transmission System for evacuation of power for Khavda Region** • Establishment of Khavda 765/400kV PS • Khavda PS – Bhuj PS 765kV D/c line • Khavda PS – Lakadia PS 765kV D/c line • Lakadia PS – Ahmedabad S/s 765kV D/c line • Establishment of Ahmedabad 765/400kV S/s along with associated 400kV interconnections (LILO of Pirana (PG) – Pirana (T) 400kV D/c line at Ahmedabad S/s with twin HTLS along with reconductoring of Pirana (PG) – Pirana(T) line with twin HTLS conductor) • Ahmedabad S/s – Indore S/s 765kV D/c line • Ahmedabad S/s– Vadodara S/s 765kV D/c line	Proposed	-

Annexure-D

Information sought w.r.t. Points no.	1.a/2.a./3.a/4.a	1.b/1.c/1.d/1.e/1.f/ 2.b/2.c/2.d/2.e/2.f/ 3.b/3.c/3.d/3.e/3.f/3.g/3.h/4. b/4.c/4.d/4.e/4.f/4.g/4.h	1.g/2.g/3.i/4.i	1.h/2.h/3.j/ 4.j	1.i/2.i/3.k/4.k	1.j/2.j/3.l/4.l
	Capacity & Configuration		**Awarded to**	**Status of bidding**	**Name & Address of successful bidder**	**Timelines**
1. Bhuj-II PS	**Establishment of 765/400/220 kV Bhuj-II PS (GIS)** o 2x1500 MVA(765/400 kV) ICT, o 4x500 MVA (400/220 kV) ICT, o 1x500 MVA (765/400 kV), 1-ph ICT (spare unit), o 400 kV ICT Bay – 6 nos., o 765 kV ICT Bay – 2 nos., o 220 kV ICT Bay – 4 nos., o 765 kV Line Bay – 4 nos., o 220 kV Line Bay – 7 nos., (GIS) o 1x330 MVAr, 765 kV BR, o 1x110 MVAr, 765 kV, 1-ph Reactor (spare unit) o 1x125 MVAr, 420kV BR, o 765 kV Reactor Bay – 1 no., o 420 kV Reactor Bay – 1 no.	Information is being sought from various regional offices & shall be forward to you shortly.	Power Grid Corporation of India Limited	Awarded	Bhuj-II Transmission Ltd., Power Grid Corporation of India Ltd., Saudamini, Plot no.2, Sector 29, Gurgaon -122001	Dec'20
2. Lakadia S/s	**Establishment 765/400kV Lakadia PS** o 2x1500MVA, 765/400kV ICT, o 400kV ICT bay-2, o 765kV ICT bay-2, o 400kV line bay-4, o 765kV line bay-2, o 1x330MVAr, 765kV BR, o 1x125MVAr, 420kV BR, o 765kV Reactor bay- 1, o 420kV Reactor bay -1, o 1x500 MVA, 765/400kV, 1-ph ICT (spare unit), o 1x110 MVAR, 765kV, 1ph Reactor (spare unit) ***Note: Establishment of 4x500MVA, 400/220kV ICTs at Lakadia PS (400kV AIS and 220kV GIS) along with 7 nos. 220kV GIS line bays:*** *Deferred due to land issues in Lakadia*		Private		WRSS XXI (A) Transco Ltd., Adani Corporate House, Shantigram, S. G. Highway, Ahmedabad- 382 421, Gujarat	
3. Bhuj-Lakadia line	765kV D/c (Hexa Zebra) transmission lines Line Loadability – 3000MW					
4. LILO of Bhachau-EPGL 400kV line at Lakadia S/s	400kV D/c (Triple Snowbird) transmission lines Line Loadability – 1600MW					