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: CTU/W/00/42nd CMETS-WR

Date: 23.02.2026

As per distribution list

Subject: Meeting Notice & Agenda for 42nd Consultation Meeting for Evolving Transmission Schemes in Western Region to be held on 26.02.2026

Sir/Ma'am,

The 42nd Consultation Meeting for Evolving Transmission Schemes in Western Region is scheduled to be held on 26th February, 2026 (Thursday) through video conferencing.

Details in this regard are as below:

Topic	42nd Consultation Meeting for Evolving Transmission Schemes in Western Region
Date & Time	26th February, 2026 (Thursday) **10:45 AM**
Meeting Link	*Shall be shared separately*

In this regard, the agenda for the meeting is attached and the same shall be uploaded on CTU website at (*www.ctuil.in >>ISTS Planning and Coordination >>Consultation Meetings for ISTS >>Western Region*).

It is requested to join the meeting through above link and send confirmation of participation at link which shall be provided separately.

Thanking you,

Yours Sincerely

23/2/2026

(R.V.M.M. RAO)
Ch. General Manager

Encl.: As stated above

Distribution List:

1. Chief Engineer (PSP&A – I) Central Electricity Authority Sewa Bhawan, R.K. Puram, New Delhi-110 066.	**2. Director (Transmission/GEC)** Ministry of New and Renewable Energy, Block 14, CGO Complex, Lodhi Road, New Delhi-110003
3. Member Secretary Western Regional Power Committee MIDC area, Marol, Andheri East, Mumbai 400 093	**4. Director (Power System)** Solar Energy Corporation of India Ltd. D-3, 1st Floor, A wing, Religare Building, District Centre, Saket, New Delhi-110017
5. Managing Director Gujarat Energy Transmission Corp. Ltd, Sardar Patel Vidyut Bhawan, Race Course, Vadodara -390 007	**6. Director (Operation)** Maharashtra State Electricity Transmission Co. Ltd., 4th Floor, "Prakashganga", Plot No. C-19, E-Block, Bandra – Kurla Complex, Bandra (East), Mumbai- 400051
7. Managing Director Chhattisgarh State Power Transmission Co. Ltd., Dangania, Raipur- 492 013	**8. Chairman & Managing Director** Madhya Pradesh Power Transmission Co. Ltd., Block No. 3, Shakti Bhawan, Rampur, Jabalpur-482 008
9. Executive Engineer Administration of Union Territory of Dadra & Nagar Haveli and Daman & Diu Secretariat, Moti Daman - 395 220	**10.Chief Engineer** Electricity Department The Government of Goa, Panaji
11.Executive Director Western Regional Load Despatch Centre F-3, M.I.D.C. Area, Marol, Andheri East, Mumbai-400 093	**12.Director (SO)** Grid Controller of India Ltd. (Formerly POSOCO) 9th Floor, IFCI Towers, 61, Nehru Place, New Delhi - 110019

Applicants/Participants

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Part-A: Transmission Scheme-related Matters in Western Region

Agenda-1: Development of power evacuation system through STU network for the upcoming 4000MW Thermal Power Stations (TPS) in MP planned under DBFOO Model by MPPMCL – Agenda by MP-STU (MPPTCL)

MP-STU (MPPTCL) vide letter dated 23.10.2025 has informed the following:

- The Ministry of Power (MoP), Government of India, has notified the Electricity (Amendment) Rules, 2022. Under Rule 16, the Resource Adequacy Guidelines have been issued, entrusting the Central Electricity Authority (CEA) with the preparation of the long-term National Resource Adequacy Plan. As per the final report of CEA (Resource Adequacy Plan for Madhya Pradesh, FY 2024-25 to FY 2034-35), the contracted capacity of Madhya Pradesh in August 2024 was 22,840 MW, projected to increase to 82,180 MW by FY 2034-35. The state's electricity demand is projected to rise at a CAGR of 5.36% over this period, indicating a potential energy deficit. To address this, the State is required to augment its power procurement.
- In line with the Government of Madhya Pradesh's commitment to provide reliable and round-the-clock power, particularly for the agricultural sector, MPPMCL has initiated long-term procurement of 3,200 MW power from new thermal power stations, with an additional 800 MW under the Greenshoe option, on Design, Build, Finance, Own & Operate (DBFOO) basis. As per the RFP, development of the power evacuation system is the responsibility of the beneficiary (MPPMCL) and must align with the commissioning schedule of these projects in FY 2030-31. Tendering for the power evacuation system is required to be finalized within one year of issuance of LOA to project developers.
- Further, MPPMCL has informed that, the e-RA process for long-term procurement of 3200MW power from new thermal power stations (with an additional capacity of 800MW under Greenshoe option) was concluded on 15.07.2025, and LOA to the following three different bidders has been issued with SCOD of project is **FY 2030–31**:
  (i) M/s Hindustan Thermal Projects Ltd. – 800MW
  (Proposed Location: Village – Laharpur Murram Jaithari, Amagavan, Guwari and Beliya, Tehsil-Jaithari, Distt-Anuppur)
  (ii) M/s Torrent Power Ltd. – 1600MW
  (Proposed Location: Village – Kolmi and Raksha, Distt-Anuppur)
  (iii) M/s Adani Power Ltd. – 800MW + 800MW (under Greenshoe option)
  (Proposed Location: Village – Umarda, Majtolia, Chhatai Distt-Anuppur)

The entire 4000MW capacity will be contracted by MPPMCL. Accordingly, MPPMCL has requested MPPTCL to plan the 4000 MW power evacuation system at 400kV level through the STU network, in consultation with CTUIL.

In view of the above, the MP-STU has carried out preliminary system studies for the evacuation of 4000MW power from the three new TPS and indicates the following requirements towards power evacuation system:

- 1 No. 400kV Pooling Substation near Shahdol – for connectivity of the three thermal plants.
- 3 Nos. 400/220/132kV STU Substations – near Jabalpur, Gadarwara, and Chhindwara.
- 4 Nos. 220/132/33kV STU Substations - near Jabalpur (VFJ), Karakbel (Narsinghpur), Nagod (Satna) and Waraseoni (Balaghat)
- Associated 400/220/132kV Transmission Lines – Interconnected with both STU & CTU networks, along with requisite feeder bays.
- As per preliminary studies of MPPTCL, the three new 400kV STU substations will be interconnected with the CTUIL network; hence, confirmation is sought from CTUIL regarding the availability of space for the required 400kV feeder bays at PGCIL / ISTS substations. These feeder bays, once confirmed, shall be developed under the ISTS scheme.

The above system was deliberated in the 39th CMETS-WR meeting held on 11.11.2025, wherein it was decided to finalise the proposal in a separate joint study meeting along with the Common Network Expansion Scheme to facilitate the evacuation of 2x800MW Gadarwara-II TPS, which is proposed in the next agenda item.

The load generation scenario of the study files is reviewed and is represented in **Annexure I**.

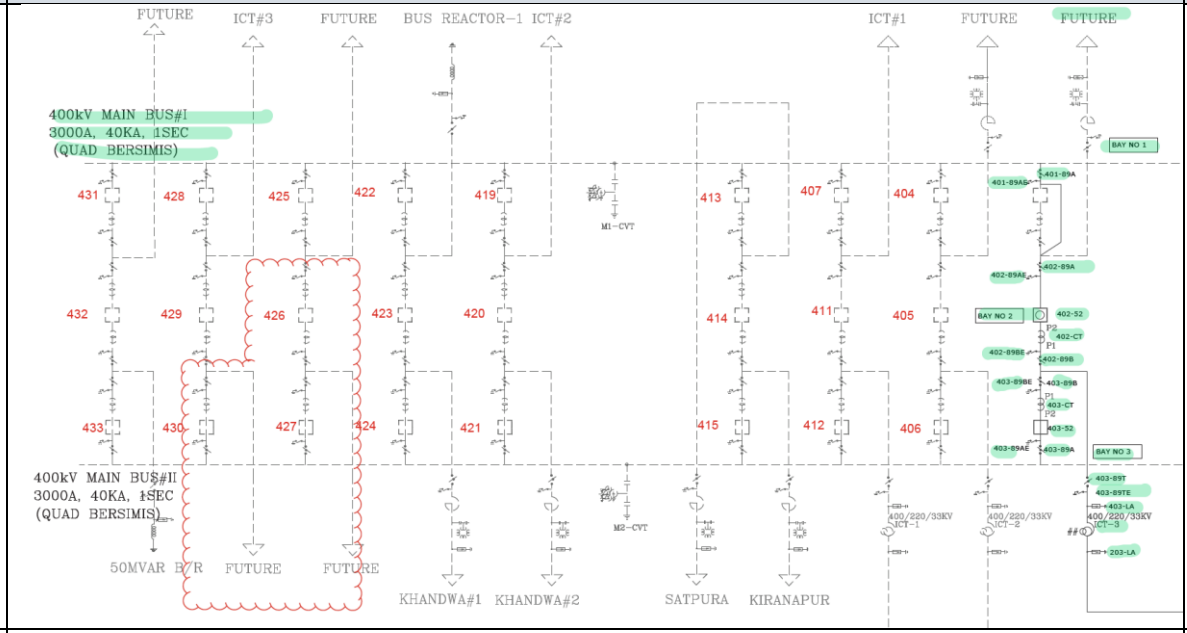
To discuss the proposal, a joint study meeting is held on 15th & 16th January 2026 at CTUIL office, Gurgaon, with representatives from CEA, CTUIL, Grid India (WRLDC), and MPSTU (MPPTCL), wherein, after detailed deliberations on the proposed power evacuation arrangements through STU network, the following transmission system was agreed for implementation:

Sl. No.	kV Level	Proposed Transmission Infrastructure	Approx. Line Length (Km) / Substation Capacity (MVA)
		PART-A: Thermal Power Plant to STU Pooling Station	
1	400	M/s Adani Power Ltd. Switchyard (2x800MW) to Shahdol (STU) Pooling Station 400kV DCDS (Quad Moose / High Capacity) line. (along with 125 MVAr 420 kV Bus Reactor at Generator end)	70km
2	400	M/s Torrent Power Ltd. Switchyard (2x800MW) to Shahdol (STU) Pooling Station 400kV DCDS (Quad Moose / High Capacity) line. (along with 125 MVAr 420 kV Bus Reactor at Generator end)	50km
3	400	M/s Hindustan Power Ltd. Switchyard (1x800MW) to Shahdol (STU) Pooling Station 400kV DCDS (Quad Moose / High Capacity) line. (along with 125 MVAr 420 kV Bus Reactor at Generator end)	50km
4	400	**Establishment of 400kV STU Pooling Substation near Shahdol (With 1x125MVAr, 420kV Bus Reactor)**	**-**
		PART-B: STU Network Transmission Work	
1	**400/ 220/ 132**	**Establishment of 400/220/132kV STU Substation near Jabalpur (Towards Barela Side)**	**4x500MVA,400/220kV 4x200MVA, 220/132 + 2x125MVAR Bus Reactor**
2	**400**	**400kV STU Pooling Station (near Shahdol) - Jabalpur (STU) 400kV 2xDCDS (Quad Moose / High Capacity) line.** (along with 80MVAR switchable line reactor at Shahdol end of each 400kV circuit)	**2x150km**
3	220	LILO of both circuits of Amarkantak TPS - Jabalpur (Nagagaon) / Gorabazar 220kV line at Jabalpur (STU) 400kV S/s.	2x2x15km
4	220	LILO of both circuits of Panagar - Jabalpur (Sukha) 220kV line at Jabalpur (STU) 400kV S/s.	2x2x40km
5	132	LILO of both circuits of Gorabazar - Maneri 132kV line at Jabalpur (STU) 400kV S/s.	2x2x10Km
6	132	LILO of Jabalpur (Nagagaon) - Jabalpur (Vinoba Bhave) 132kV line at Jabalpur (STU) 400kV S/s.	2x15Km
7	**220/ 132**	**Establishment of new 220/132/33kV Substation near Jabalpur (near Jhurjhuru)**	**2x200MVA, 220/132 + 2x50MVA, 132/33kV**

Sl. No.	kV Level	Proposed Transmission Infrastructure	Approx. Line Length (Km) / Substation Capacity (MVA)
8	220	220kV DCDS line from Jabalpur (STU) 400kV S/s to Jabalpur (near Jhurjhuru) (New) 220kV S/s. (Along withassociated feeder bays)	30Km
9	132	LILO of Jabalpur (Nagagaon) - Jabalpur (VFJ) 132kV line at Jabalpur (near Jhurjhuru) (New) 220kV S/s	2x10Km
10	132	LILO of one circuit of Panagar - Dheemarkheda 132kV line at Jabalpur (near Jhurjhuru) (New) 220kV S/s	2x10Km
11	**400**	**400kV STU Pooling Station (near Shahdol) – Amarpatan (TBCB-MTL) 400kV DCDS (Quad Moose / High Capacity) line.** (Along with63MVAR switchable line reactor on each 400kV circuit at both ends)	**220km**
12	**400**	**LILO of one circuit of Damoh (PGCIL) – Katni (MPPTCL) 400kV D/C (Twin Moose) line at Amarpatan (TBCB) 400kV S/s.** (Alongwith50MVAr Switchable line reactor at Amarpatan (TBCB) end for Damoh(PGCIL) – Amarpatan 400kV S/c line) ***Note:*** *The same shall be carried out after upgrading the existing 220kV Damoh- Katni S/c line to 400kV level*	**90km**
13	**220/ 132**	**Establishment of new 220/132/33kV Substation near Nagod (Near Satna)**	**2x200MVA, 220/132 + 2x50MVA, 132/33kV**
14	220	220kV DCDS line from Amarpatan (TBCB-MTL) 400kV S/s to Nagod (Near Satna) (New) 220kV S/s. (along with associated feeder bays)	60Km
15	132	132kV DCDS line from Nagod (New) 220kV S/s to Nagod (Existing) 132kV S/s (along with associated feeder bays)	10Km
16	132	132kV DCDS line from Nagod (New) 220kV S/s to Devendra Nagar (TBCB) 132kV S/s (along with associated feeder bays)	30Km
17	**400/ 220/ 132**	**Establishment of 400/220/132kV STU Substation near Gadarwara (Towards Narsinghpur Side)**	**3x500MVA,400/220kV 3x200MVA, 220/132 + 2x125MVAR Bus Reactor**
18	**400**	**Jabalpur (STU) - Gadarwara (STU) 400kV DCDS (Quad Moose / High Capacity) line.** (along with 63MVAR switchable line reactor on each 400kV circuit at Gadarwara end)	**130km**
19	**400**	**Gadarwara (STU) - Mandideep (TBCB) 400kV DCDS (Quad Moose / High Capacity) line.** (along with 80MVAR switchable line reactor on each 400kV circuit at Gadarwara (STU) end)	**150km**

Sl. No.	kV Level	Proposed Transmission Infrastructure	Approx. Line Length (Km) / Substation Capacity (MVA)
20	**400**	**Gadarwara (STU) – Gadarwara-II (765kV ISTS) 400kV DCDS line (Quad Moose / High Capacity) ***	**20km**
21	220	LILO of both circuits of Narsinghpur - Chichli / Pipariya 220kV line at Gadarwara (STU) 400kV S/s	2x2x15Km
22	220	LILO of both circuit of Chichli - Udaipura 220kV line at Gadarwara (STU) 400kV S/s	2x2x15Km
23	132	Gadarwara (STU)400 - Karapgaon 132kV DCDS line (along with associated feeder bays)	30Km
24	132	Gadarwara (STU)400 - Tendukheda 132kV DCDS line (along with associated feeder bays)	30Km
25	132	Gadarwara (STU)400 - Palohaabada 132kV DCDS line (along with associated feeder bays)	15Km
26	132	Gadarwara (STU)400 - Bankhedi 132kV DCDS line (along with associated feeder bays)	40Km
27	132	LILO of one circuit of Gadarwara (STU)400 - Bankhedi 132kV line at Pondar (Saali Choka) 132kV S/s	2x5Km
28	**220/ 132**	**Establishment of new 220/132/33kV Substation near Karakbel (Narsinghpur)**	**2x200MVA, 220/132 + 2x50MVA, 132/33kV**
29	220	Gadarwara (STU)400 - Karakbel(Narsinghpur) 220kV DCDS line (Along with associated feeder bays)	70Km
30	132	LILO of both circuit of Narsinghpur220 - Karakbel 132kV DCDS line at Karakbel (Narsinghpur) 220kV S/s	2x2x10Km
31	132	LILO of Narsinghpur132 - Shrinagar 132kV line at Karakbel (Narsinghpur) 220kV S/s	2x10Km
32	**400/ 220/ 132**	**Establishment of 400/220/132kV STU Substation near Chhindwara (Towards Chourai side)**	**3x500MVA,400/220kV 3x200MVA, 220/132 + 2x125MVAR Bus Reactor**
33	**400**	**Jabalpur (STU) - Chindwara (STU) 400kV DCDS (Quad Moose / High Capacity) line.** (Along withwith 50MVAr Switchable line reactor at Chhindwara end and 63 MVAr Switchable line reactor Jabalpur (STU) end on each 400kV circuit)	**180km**

Sl. No.	kV Level	Proposed Transmission Infrastructure	Approx. Line Length (Km) / Substation Capacity (MVA)
34	**400**	**Seoni (PGCIL)765 - Chhindwara (STU) 400kV DCDS (Quad Moose / High Capacity) line. #** (Note : 2 Nos. 400kV bays at Seoni (PGCIL) 765/400kV S/s shall be taken up under ISTS) Space confirmation from POWERGRID received vide e-mail dated 10.11.2025: *Space is available at Seoni Substation for 2 nos. 400kV Line Bays as detailed below:* *1. Bays no. 430 (In existing diameter of 765kV ICT-3) and 426&427 (New diameter to be created) can be used for Termination of 400kV Lines (SLD is attached).* *2. Line Reactor available in the space for New diameter is Cold Spare and can be shifted if required. Cost of shifting / new foundation to be considered in project cost.* *Space Availability is marked in in Red Rectangle in the attached Google Earth Screen Shot of Seoni SS. Feasibility of Line Termination in the space available may be verified by MPPTCL/Concerned also.*	**60Km**

Sl. No.	kV Level	Proposed Transmission Infrastructure	Approx. Line Length (Km) / Substation Capacity (MVA)
			
35	220	LILO of both circuit of Seoni (PGCIL) - Chhindwara (MPPTCL) 220kV line at Chhindwara (STU) 400kV S/s	2x2x5Km
36	220	LILO of both circuit of Chhindwara (MPPTCL) - Pandhurna / Betul 220kV line at Chhindwara (STU) 400kV S/s	2x2x15Km
37	132	LILO of both circuit of Chhindwara220 (MPPTCL) - Chourai / Amarwada 132kV line at Chhindwara (STU) 400kV S/s	2x2x10Km
38	132	LILO of one circuit of Chhindwara (MPPTCL) - Saori 132kV line at Chhindwara (STU) 400kV S/s	2x15Km
39	132	LILO of one circuit of Chand (TBCB) - Bichhua 132kV line at Chhindwara (STU) 400kV S/s	2x15Km
40	**220/ 132**	**Establishment of new 220/132/33kV Substation near Waraseoni (Balaghat)**	**2x200MVA, 220/132 + 2x50MVA, 132/33kV**

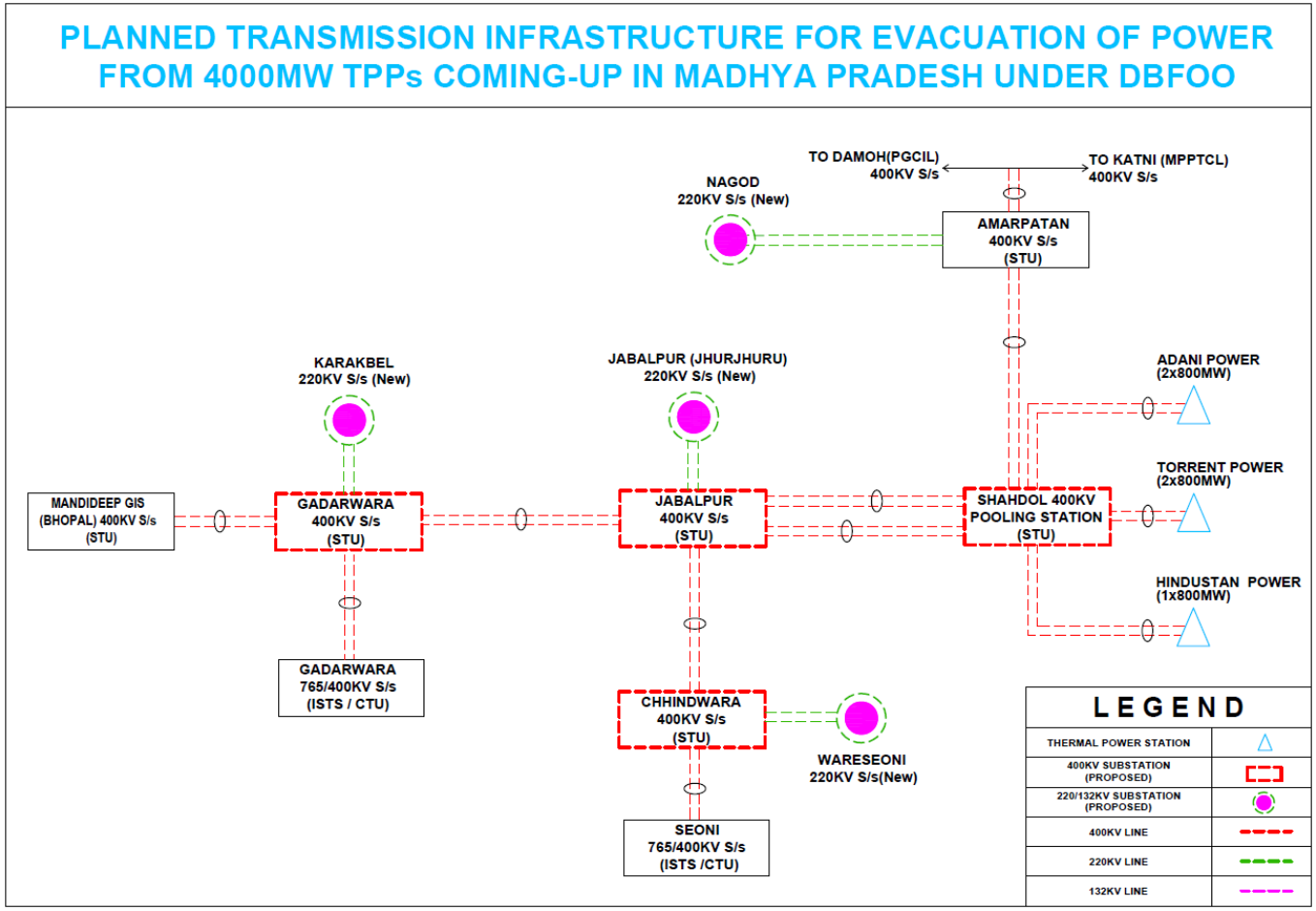
Sl. No.	kV Level	Proposed Transmission Infrastructure	Approx. Line Length (Km) / Substation Capacity (MVA)
41	220	Chhindwara (STU) 400 - Waraseoni (Balaghat) 220kV DCDS (High Capacity - 1400Amps & above) line (Along withassociated feeder bays)	120Km
42	132	LILO of Warseoni (Existing) - Balaghat 132kV line at new Warseoni (Balaghat) 220kV S/s	2x10Km
43	132	LILO of Katangi - Seoni 132kV line at new Warseoni (Balaghat) 220kV S/s	2x10Km
44	132	LILO of Balaghat - Lalbarra 132kV line at new Warseoni (Balaghat) 220kV S/s	2x15Km
* 2x1500MVA 765/400kV ICTs and 2 Nos. 400kV bays at Gadarwara-II (ISTS) shall be taken up under ISTS in matching time-frame (requirement to be intimated by MPPTCL in advance to CTUIL) **#** 2 Nos. 400kV bays at Seoni (PGCIL) 765/400kV S/s shall be taken up under ISTS in matching time-frame (requirement (w.r.t. time-line) to be intimated by MPPTCL in advance to CTUIL)			

- Implementation time-frame : FY 2030-31 (Matching with 3 Nos. TPPs project timelines)
- A Schematic map indicating the proposed power evacuation system is enclosed as **Annexure-II** for reference and load flow results at **Annexure-III**.

In addition to the above, the following points were noted during the joint study meeting:

1. In case on non-availability of space for construction of feeder bay at Existing EHV Substation for termination of proposed transmission line then option for LILO of any existing line or alternate option may be explored by STU.
2. All Switchable Line Reactor will be with NGR bypass arrangement.
3. Substation Design Fault level at 400kV level shall be 63kA (1s) and 220kV shall be 50kA (1s) be considered.
4. Sufficient space provision to be kept at proposed EHV STU substation at each voltage level for future expansion works.
5. Wherever Quad Moose conductor is specified, same may be implemented with Quad ACSR/AAAC/AL59 moose equivalent conductors for a maximum operating conductor temperature of 85^{o}C. Wherever High Capacity conductor is specified, same shall be implemented in Twin HTLS conductors with minimum capacity of 2100 MVA at nominal voltage. MPPTCL may clarify the type of conductor configuration to be used in each line (Quad Mosse or Twin HTLS) as per requirement.

It was decided that MPPTCL shall inform as and when the above scheme goes under tendering process, with firm time-lines, so that augmentation required under ISTS can be taken up, in matching time-frame [at Gadarwara-II S/s (2x1500MVA 765/400kV ICTs and 2 Nos. 400kV bays at Gadarwara-II (ISTS)) and at Seoni (PGCIL) 765/400kV S/s (2 nos. 400kV bays)]



The matter may be deliberated.

Agenda 2: Common Transmission System Augmentation for evacuation of power from 2x800MW Gadarwara-II TPS and additional 1500MW RE power at Mandsaur S/s.

a) As of date, more than 6.5 GW connectivity applications have been received in Mandsaur region, out of which 4.5 GW applications have been agreed/granted with the below systems, which are under various stages of implementation:

- Establishment of 765/400kV Mandsaur S/s
- Mandsaur- Indore 765kV D/c line
- Mandsaur- Kurawar 765kV D/c line
- Augmentation of transformation capacity at Mandsaur S/s for REGS Interconnection
- Mandsaur PS - Khandwa (New) PS 765kV D/c line

b) Connectivity Application from NTPC has also been received for their 2x800MW Gadarwara-II TPS (appl. no. 2200001532), which was deliberated in the 36th CMETS-WR meeting held on 26th-28th May 2025 and further in the 39th CMETS-WR meeting held on 11.11.2025 (refer deliberations below).

c) In order to ensure reliable evacuation of power from 2x800MW Gadarwara-II TPS without overloading the existing system (Gadarwara-I TPS – Jabalpur & Gadarwara-I TPS – Warora PS 765kV D/c lines) as well as alleviate high loading on Kurawar-Bhopal 765kV S/c line, detailed system studies were carried out. Based on the study results, a new corridor was planned in the 36th CMETS-WR meeting held on 26th-28th May 2025 to reliably evacuate RE power coming from the Northern region to Mandsaur & Kurawar areas in Madhya Pradesh, along with power from 2x800MW Gadarwara-II TPS:

- Establishment of 765 kV Gadarwara switching station with 2x330 MVAR 765kV bus reactors
- LILO of Jabalpur – Bhopal 765 kV S/c line at Gadarwara switching station (~54Km LILO route length)
- Kurawar - Gadarwara switching station 765 kV D/c line (~230Km) along with 240MVAr switchable Line Reactors on each ckt. at both ends

- Nagpur - Gadarwara switching station 765 kV D/c line (~250Km) along with 240MVAr switchable Line Reactors on each ckt. at both ends

d) The above scheme was agreed in the 36th CMET-WR meeting, and GRID-India was requested to furnish comments, if any, on the study files subsequent to the meeting. However, as per the short circuit analysis, it was observed that the fault level at Jabalpur PS reaches ~59kA and at Gadarwara TPS to ~52kA with the proposed system, which is significantly beyond the respective design limits. Accordingly, it was agreed that the studies would be reviewed in detail and an optimized transmission system would be evolved.

e) Hence, the system study was again reviewed and put up for deliberations in the 39th CMETS-WR meeting held on 11.11.2025 as per details below:

Dedicated Transmission System for 2x800MW Gadarawara-II TPS of NTPC Ltd. (under the scope of NTPC):

- 330MVAR, 765kV Bus Reactor provision at Bus Section-II (to be implemented by NTPC).
- 765kV Bus Sectionaliser arrangement at 765kV level of Gadarwara Switchyard [such that Jabalpur (D/c line bays), 2x800MW Gadarwara-I TPS & existing 330MVAr Bus Reactor are on Bus Section-I and Warora (D/c line bays), 2x800MW Gadarwara-II TPS & proposed 330MVAr Bus Reactor are on Bus Section-II] – normally OPEN and may be closed as per Grid requirement

Common Transmission System Augmentation for 2x800MW Gadarawara-II TPS of NTPC Ltd. (under the scope of ISTS):

- Establishment of 765 kV Gadarwara switching station along with 2x330 MVAR 765kV bus reactors
- Kurawar- Gadarwara switching station 765 kV D/c line (~230Km) along with LILO of one circuit at 765/400kV Bhopal (BDTCL) S/s:
    - 240MVAr switchable Line Reactors at both ends of Kurawar – Gadarwara switching station 765kV S/c line

- 240MVAr switchable Line Reactors at Bhopal (BDTCL) end of Bhopal – Gadarwara switching station 765 kV S/c line

Associated Transmission System for 2x800MW Gadarawara-II TPS of NTPC Ltd.:

- Gadarwara-II TPS (Bus Section-II) – Gadarwara switching station 765 kV D/c line along with bays at both ends (~10Km)

In the meeting, MPPTCL was requested to update their proposed schemes in the updated PSSE files (scenario -4, 5, and 8) and revert back with updated study files to CTU so that further studies can be conducted towards finalisation of the Transmission system for the evacuation of power from 2x800MW Gadarwara-II TPS.

f) Detailed system studies were carried out in a joint study meeting held on 15th & 16th January 2026 at CTUIL office, Gurgaon, with representatives from CEA, CTUIL, Grid-India (WRLDC), and MPSTU (MPPTCL). Based on the outcome of the studies, a new transmission corridor was evolved to facilitate the following:

- Evacuation of up to 6GW RE capacity at Mandsaur PS (i.e., additional 1500MW over and above the already granted 4500MW RE capacity)
- Evacuation of additional RE power coming from Rajasthan (Northern region) and its reliable dispersal within the Western Region
- Evacuation of power from 2x800MW Gadarwara-II TPS
- Mitigation of overloading observed on the existing system (Gadarwara-I TPS– Jabalpur & Gadarwara-I TPS– Warora PS 765kV D/c lines) under the above proposed injections.
- Alleviation of high loading on Kurawar-Bhopal 765kV S/c line
- Ensuring that fault levels at various substations in the Gadarwara-I TPS/Jabalpur area remain within the stipulated design limits

Regarding the nature of the Gadarwara-II TPS (Bus Section-II) – Gadarwara switching station 765 kV D/c line, the reference may be made to the recent CERC order dated 13/02/2026 in Petition No. 824/TL/2025, wherein it has been observed that:

"28. We note the regulatory provision for the evacuation of power from the generating stations connecting to the ISTS is defined under the Act and the 2022 GNA Regulations. The relevant extracts of Sections 2(16) and 10(1) of the Electricity Act, 2003 are as under:

> *"2 (16) "dedicated transmission lines" means any electric supply-line for point to point transmission which are required for the purpose of connecting electric lines or electric plants of a captive generating plant referred to in section 9 or generating station referred to in section 10 to any transmission lines or substations or generating stations, or the load center, as the case may be;….."*
>
> ***Section10. (Duties of generating companies):***
> *(1) Subject to the provisions of this Act, the duties of a generating company shall be to establish, operate and maintain generating stations, tie-lines, sub-stations and dedicated transmission lines connected therewith in accordance with the provisions of this Act or the rules or regulations made thereunder."*

The relevant extracts of Regulation 12.1 of the 2022 GNA Regulations are as follows:

> *"**12. Dedicated Transmission Lines and Bay(s)***
> *12.1 In case Connectivity grantee is a generating station or a captive generating plant or a standalone ESS, the dedicated transmission lines shall be established, operated and maintained by such Connectivity grantee".*

The combined reading of the above provisions reveals that the ***Dedicated Transmission Line (DTL) is any supply line connecting generating plants to any transmission line or sub-station. The Dedicated Transmission Line (DTL)***

emanating from a generating station is required to be established, operated, and maintained by such generating station."

In view of the above, the Gadarwara-II TPS (Bus Section-II) – Gadarwara switching station 765 kV D/c line (~10km), along with the associated line bays at both ends, is proposed to be implemented by NTPC, as part of its dedicated transmission line, matching with the establishment of Gadarwara switching station.

Details of the proposed transmission system under ISTS are given below:

Common Transmission System Augmentation for evacuation of power from 2x800MW Gadarwara-II TPS and additional 1500MW RE power at Mandsaur S/s		
Sl. No.	**Scope of the Transmission Scheme**	**Capacity/ Route length**
1.	Augmentation of Transformation capacity at Mandsaur PS by installation of 2x1500MVA, 765/400 kV ICTs (5th& 6th), to be terminated at 765kV Bus Section-II and 400kV Bus Section-II.	• 765/400 kV, 1500 MVA ICT – 2 Nos. • 765kV ICT bay – 2 Nos. (Bus Section-II) • 400 kV ICT bay – 2 Nos. (Bus Section-II).
2.	Augmentation of Transformation capacity at Mandsaur PS by installation of 3x500MVA, 400/220kV ICTs (8th,9th & 10th), to be terminated on 400 kV Bus Section-II and 220kV Bus Section-III	• 400/220kV, 3x500MVA ICT – 3 Nos. • 400 kV ICT bay - 3 Nos. (Bus Section-II) • 220kV ICT bay - 3 Nos. (Bus Section-III).
3.	Installation of ±400MVAr STATCOM at Mandsaur S/s	• ±400MVAr STATCOM – 1 No. • 400kV bay - 1 No. (Bus Section-II)
4	Establishment of 765 kV Gadarwara switching station along with 2x330 MVAr, 765kV bus reactors	• 2x330 MVAr, 765kV Bus Reactors – 2 Nos.
5.	Kurawar – Gadarwara switching station 765 kV D/c line (~230Km) with LILO of one circuit at Bhopal (BDTCL) S/s, along with associated line reactors:	• Refer Note

Common Transmission System Augmentation for evacuation of power from 2x800MW Gadarwara-II TPS and additional 1500MW RE power at Mandsaur S/s		
Sl. No.	**Scope of the Transmission Scheme**	**Capacity/ Route length**
	○ 240MVAr switchable Line Reactors at both ends of Kurawar – Gadarwara switching station 765kV S/c line ○ 240MVAr switchable Line Reactors at Bhopal end of Bhopal - Gadarwara switching station 765 kV S/c line	

Note:

1. *With the above proposal at Sl. No. 5, the following lines will be established:*
   - Kurawar- *Gadarwara* switching station *765 kV S/c line (~230Km),*
   - Kurawar- *Bhopal (BDTCL) 765 kV S/c line (~60Km)*
   - Bhopal *(BDTCL) - Gadarwaral* switching station *765 kV S/c line (~200Km)*
2. *2x1500MVA 765/400kV ICTs and 2 Nos. 400kV bays at Gadarwara-II (ISTS) shall be taken up under ISTS in matching time-frame of Gadrawara-II – Gadarwara (STU) 400kV D/c line of MPPTCL (requirement to be intimated by MPPTCL in advance to CTUIL)*

Dedicated Transmission System for 2x800MW Gadarawara-II TPS of NTPC Ltd. (under the scope of NTPC):

- Provision of 330MVAR, 765kV Bus Reactor at Gadarwara-II TPS switchyard (Bus Section-II)
- 765kV Bus Sectionaliser arrangement at Gadarwara Switchyard, such that:
  - Jabalpur (D/c line bays), 2x800MW Gadarwara-I TPS and existing 330MVAr Bus Reactor are on Bus Section-I and
  - Warora (D/c line bays), 2x800MW Gadarwara-II TPS and proposed 330MVAr Bus Reactor are on Bus Section-II.
  - The sectionalizer shall normally remain OPEN and may be closed as per Grid requirement

- Gadarwara-II TPS (Bus Section-II) – Gadarwara switching station 765 kV D/c line (~10km) along with associated bays at both ends

The matter may be deliberated.

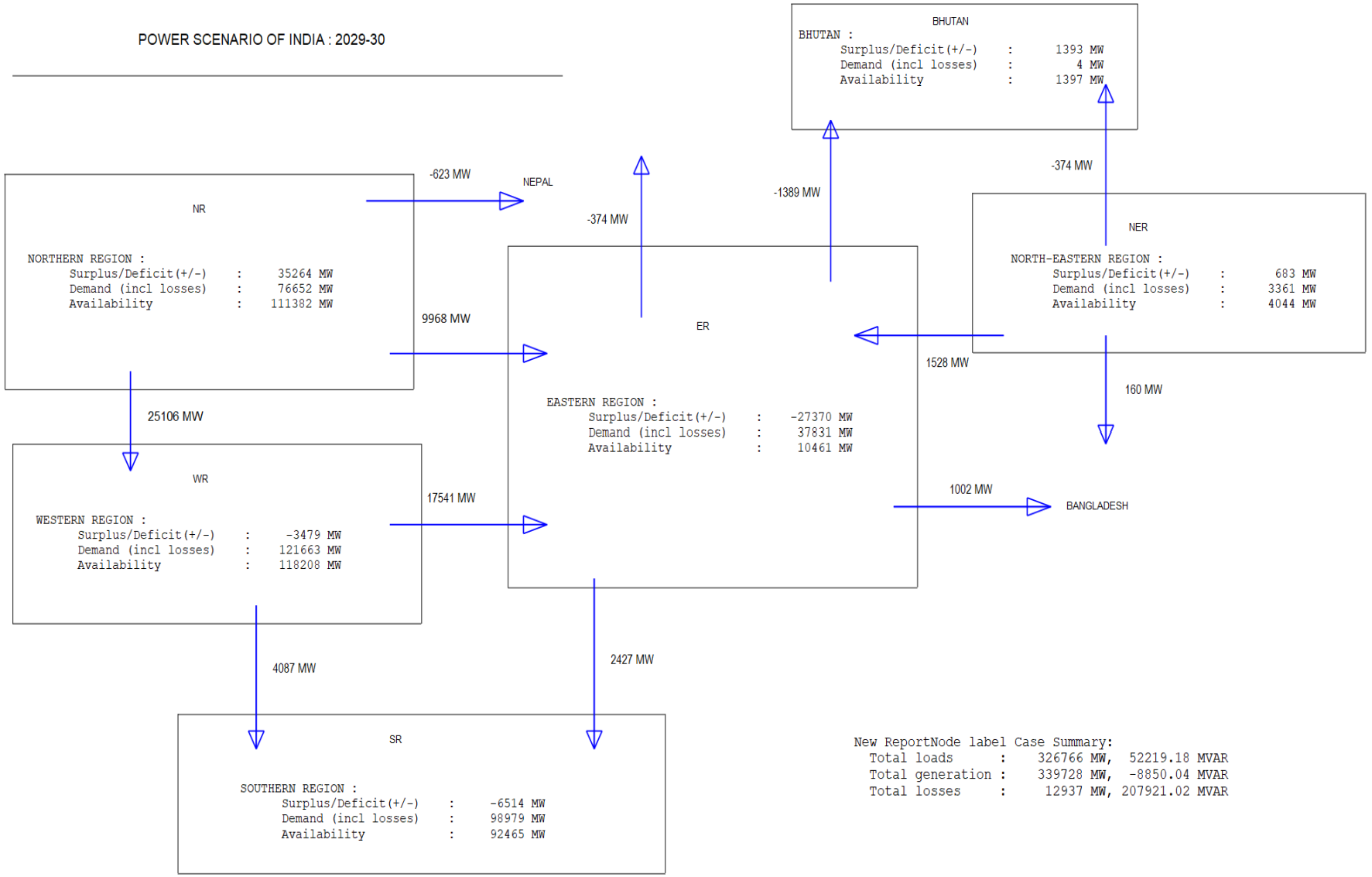
Annexure-I

Solar Max (Winter)

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E THU, JAN 15 2026 11:43

ZONE TOTALS
IN MW/MVAR

X-- ZONE --X	FROM GENE-RATION	AT ZONE BUSES: FROM IND GENERATN	AT ZONE BUSES: TO IND MOTORS	AT ZONE BUSES: TO LOAD	TO BUS SHUNT	TO GNE BUS DEVICES	TO XFRMR TO LINE SHUNT	TO XFRMR MAGNE-TIZING	FROM CHARGING	TO LOSSES	-NET INTERCHANGE- TO TIE LINES	-NET INTERCHANGE- TO TIES + LOADS
361	6578.1	0.0	0.0	21545.9	0.0	0.0	0.0	0.0	0.0	493.2	-15461.0	-16565.1
MP_STU	552.5	0.0	0.0	4185.0	-317.4	0.0	1647.3	-0.0	9837.4	4569.0	306.0	306.0
362	23731.9	0.0	0.0	1454.2	0.0	0.0	0.0	0.0	0.0	530.6	21747.1	22851.3
MP_ISTS	2479.7	0.0	0.0	90.0	8856.1	0.0	23446.1	-0.0	39948.7	12196.6	-2160.4	-2160.4
COLUMN	30310.0	0.0	0.0	23000.0	0.0	0.0	0.0	0.0	0.0	1023.8	6286.1	6286.1
TOTALS	3032.2	0.0	0.0	4275.0	8538.7	0.0	25093.4	0.0	49786.1	16765.6	-1854.4	-1854.4

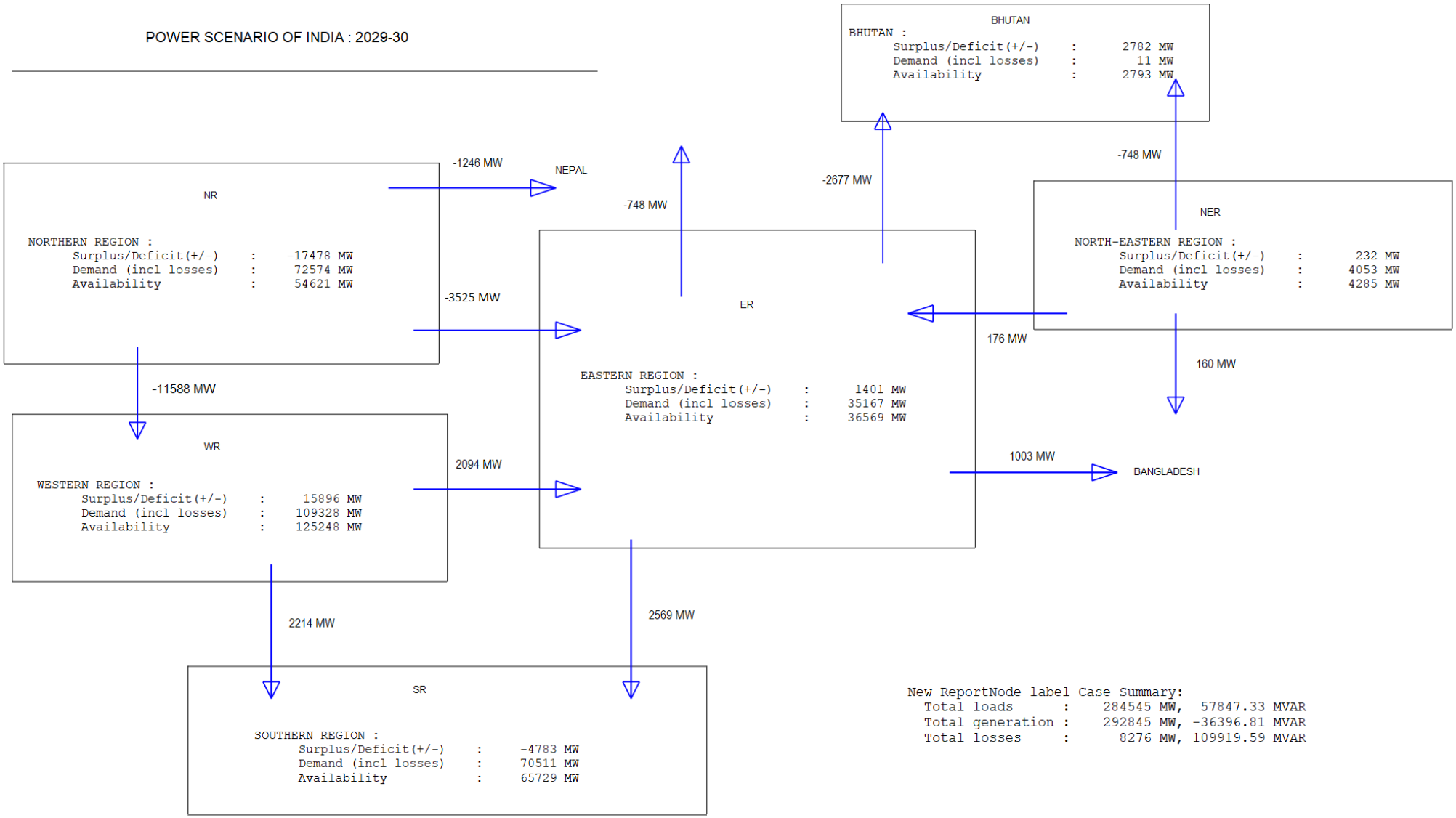

POWER SCENARIO OF INDIA : 2029-30
BHUTAN
BHUTAN :
Surplus/Deficit(+/-) : 1393 MW
Demand (incl losses) : 4 MW
Availability : 1397 MW
-623 MW
NEPAL
-374 MW
-1389 MW
-374 MW
NR
NORTHERN REGION :
Surplus/Deficit(+/-) : 35264 MW
Demand (incl losses) : 76652 MW
Availability : 111382 MW
NER
NORTH-EASTERN REGION :
Surplus/Deficit(+/-) : 683 MW
Demand (incl losses) : 3361 MW
Availability : 4044 MW
9968 MW
ER
1528 MW
160 MW
25106 MW
EASTERN REGION :
Surplus/Deficit(+/-) : -27370 MW
Demand (incl losses) : 37831 MW
Availability : 10461 MW
WR
WESTERN REGION :
Surplus/Deficit(+/-) : -3479 MW
Demand (incl losses) : 121663 MW
Availability : 118208 MW
17541 MW
1002 MW
BANGLADESH
4087 MW
2427 MW
SR
SOUTHERN REGION :
Surplus/Deficit(+/-) : -6514 MW
Demand (incl losses) : 98979 MW
Availability : 92465 MW
New ReportNode label Case Summary:
Total loads : 326766 MW, 52219.18 MVAR
Total generation : 339728 MW, -8850.04 MVAR
Total losses : 12937 MW, 207921.02 MVAR

Evening Peak (Winter)

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E THU, JAN 15 2026 12:46

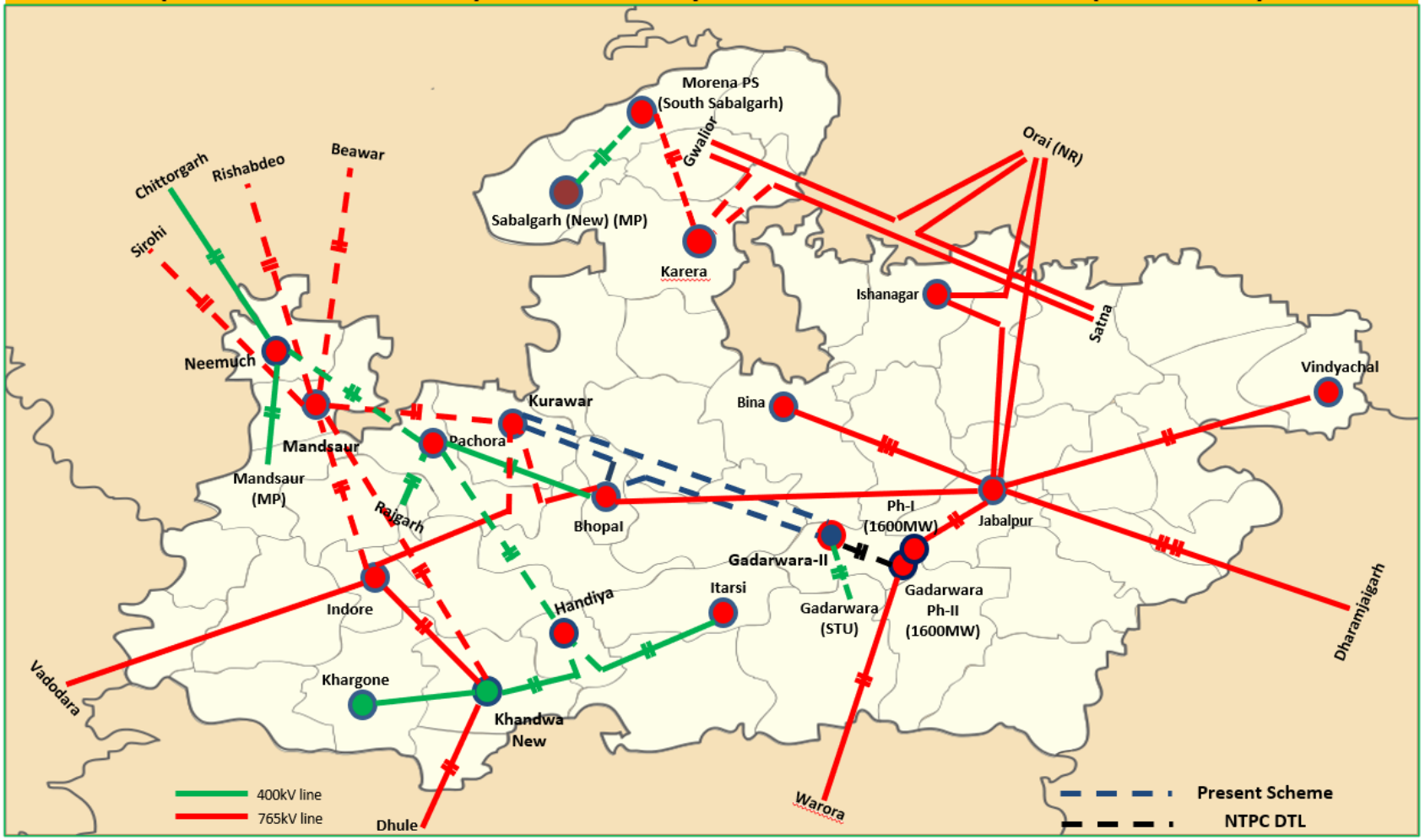
ZONE TOTALS
IN MW/MVAR

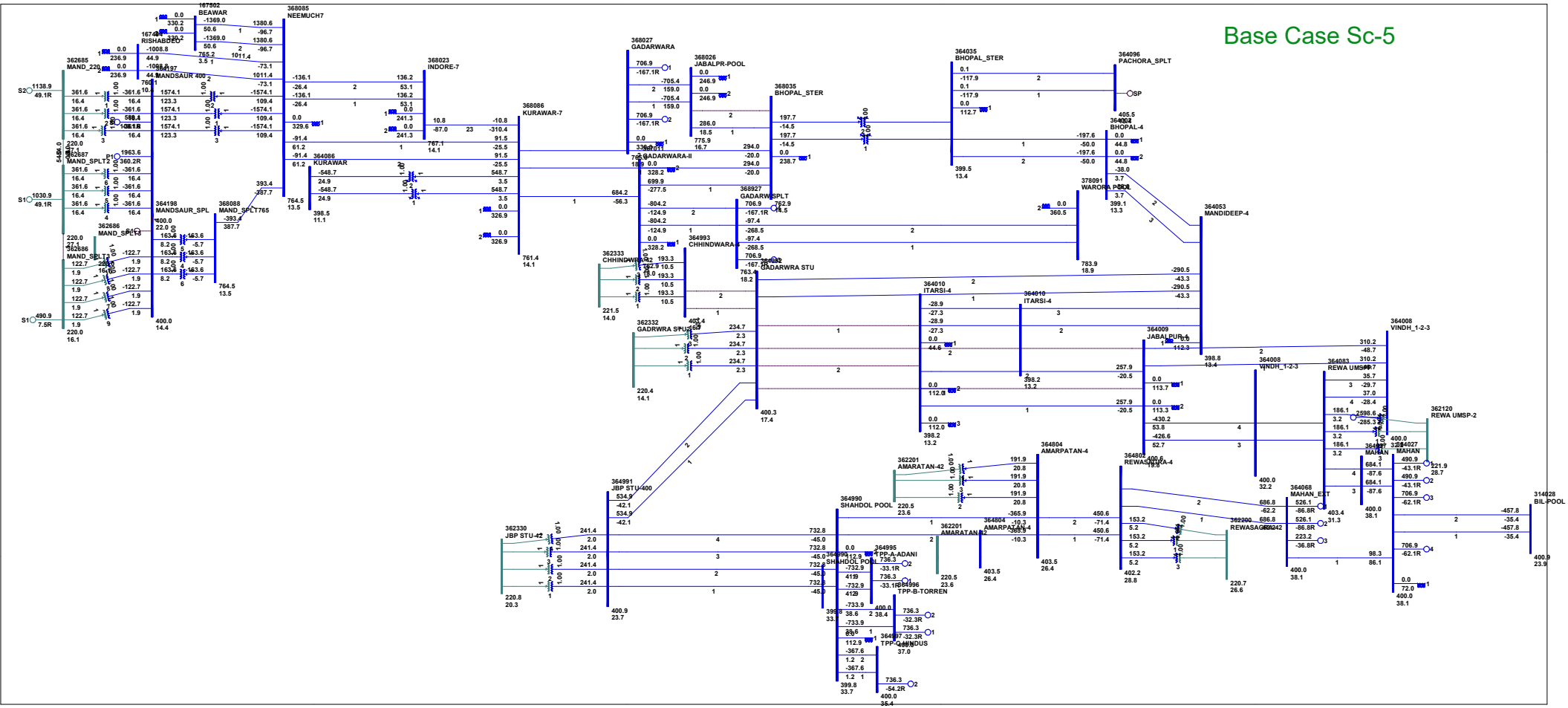
X-- ZONE --X	FROM GENE-RATION	AT ZONE BUSES: FROM IND GENERATN	AT ZONE BUSES: TO IND MOTORS	AT ZONE BUSES: TO LOAD	TO BUS SHUNT	TO GNE BUS DEVICES	TO LINE SHUNT	TO XFRMR MAGNE-TIZING	FROM CHARGING	TO LOSSES	-NET INTERCHANGE- TO TIE LINES	-NET INTERCHANGE- TO TIES + LOADS
361	11601.9	0.0	0.0	24491.9	0.0	0.0	0.0	0.0	0.0	686.1	-13576.2	-14284.3
MP_STU	1975.4	0.0	0.0	4965.7	917.8	0.0	1558.8	-0.0	9755.9	6779.7	-2490.7	-2490.7
362	25343.3	0.0	0.0	1058.1	0.0	0.0	0.0	0.0	0.0	331.0	23954.2	24662.4
MP_ISTS	-852.6	0.0	0.0	90.0	9069.3	0.0	25658.0	-0.0	40660.5	6871.0	-1880.4	-1880.4
COLUMN	36945.2	0.0	0.0	25550.0	0.0	0.0	0.0	0.0	0.0	1017.1	10378.1	10378.1
TOTALS	1122.8	0.0	0.0	5055.7	9987.2	0.0	27216.7	0.0	50416.3	13650.7	-4371.1	-4371.1

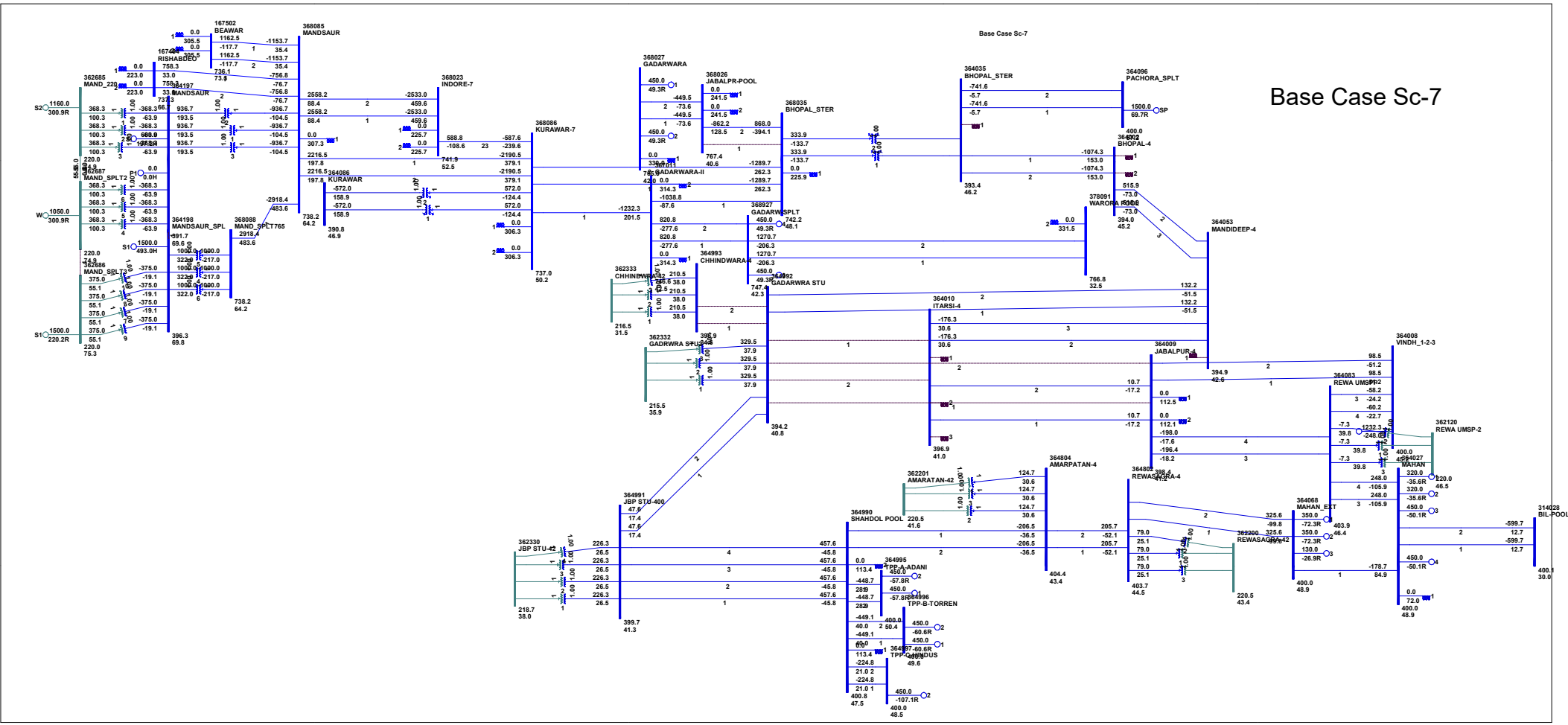

POWER SCENARIO OF INDIA : 2029-30
BHUTAN
BHUTAN :
Surplus/Deficit(+/-) : 2782 MW
Demand (incl losses) : 11 MW
Availability : 2793 MW
-748 MW
NR
NORTHERN REGION :
Surplus/Deficit(+/-) : -17478 MW
Demand (incl losses) : 72574 MW
Availability : 54621 MW
-1246 MW
NEPAL
-748 MW
-2677 MW
NER
NORTH-EASTERN REGION :
Surplus/Deficit(+/-) : 232 MW
Demand (incl losses) : 4053 MW
Availability : 4285 MW
-3525 MW
ER
EASTERN REGION :
Surplus/Deficit(+/-) : 1401 MW
Demand (incl losses) : 35167 MW
Availability : 36569 MW
176 MW
160 MW
-11588 MW
WR
WESTERN REGION :
Surplus/Deficit(+/-) : 15896 MW
Demand (incl losses) : 109328 MW
Availability : 125248 MW
2094 MW
1003 MW
BANGLADESH
2214 MW
2569 MW
SR
SOUTHERN REGION :
Surplus/Deficit(+/-) : -4783 MW
Demand (incl losses) : 70511 MW
Availability : 65729 MW
New ReportNode label Case Summary:
Total loads : 284545 MW, 57847.33 MVAR
Total generation : 292845 MW, -36396.81 MVAR
Total losses : 8276 MW, 109919.59 MVAR

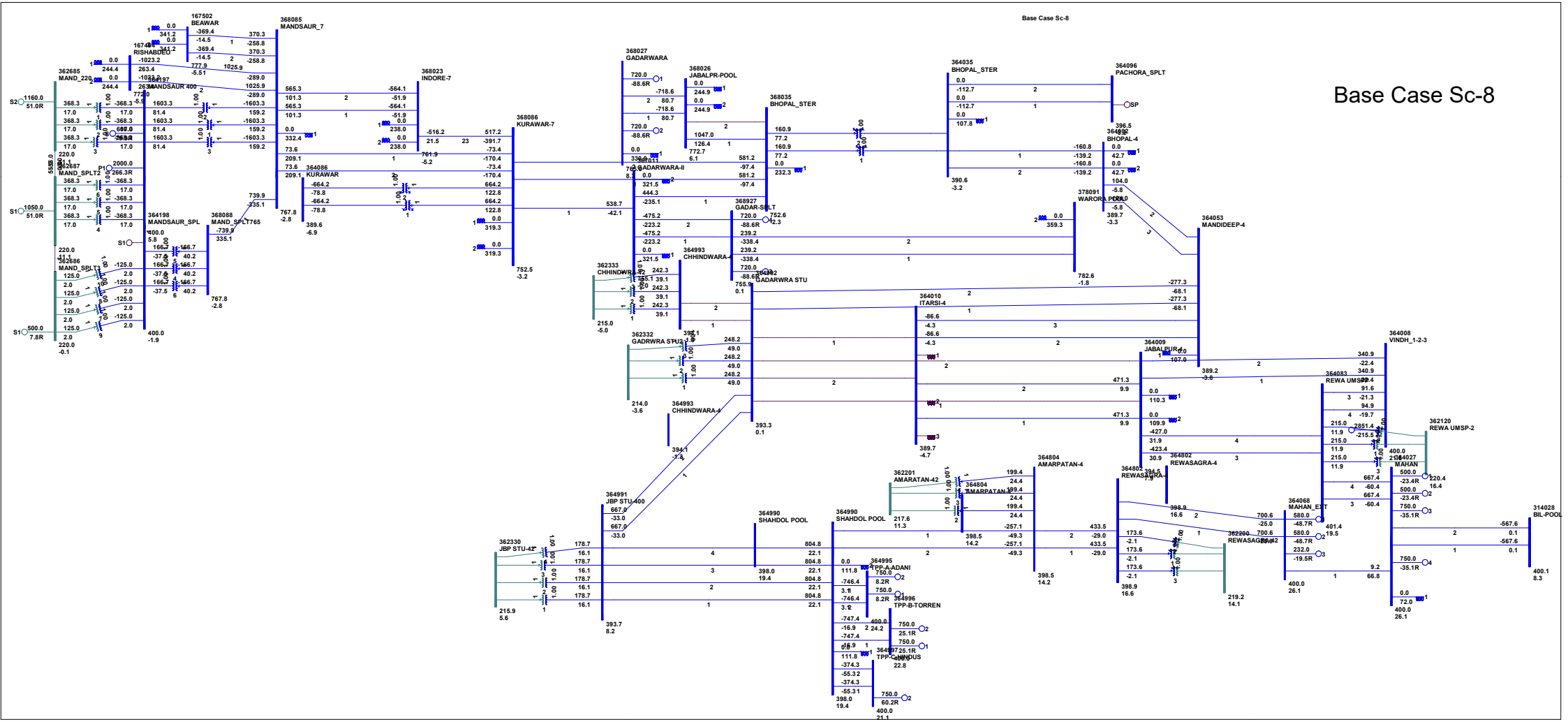
Annexure-II

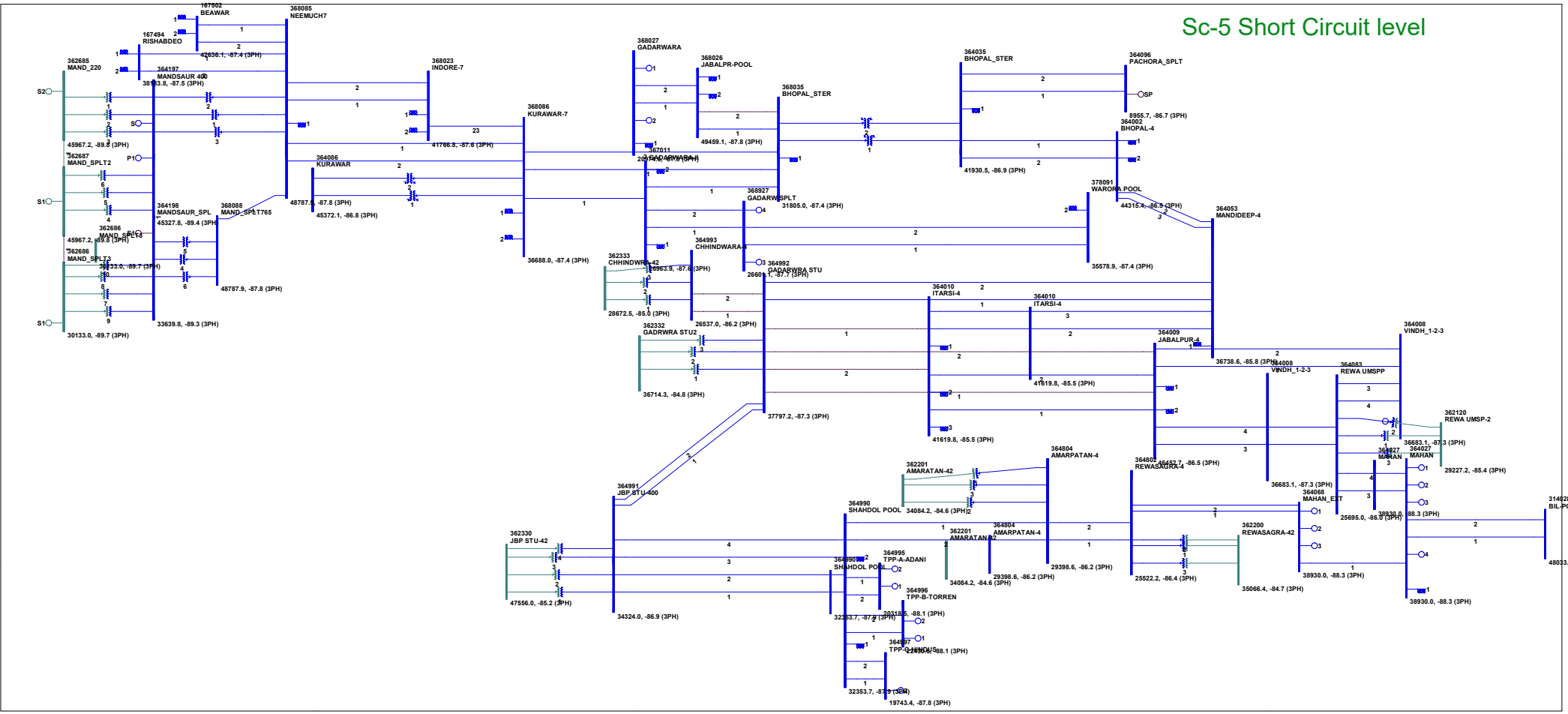
Common Network Expansion Scheme to facilitate evacuation of RE power at Mandsaur S/s (Additional 1500MW) and Thermal power of Gadarwara Ph-II (2x800MW)

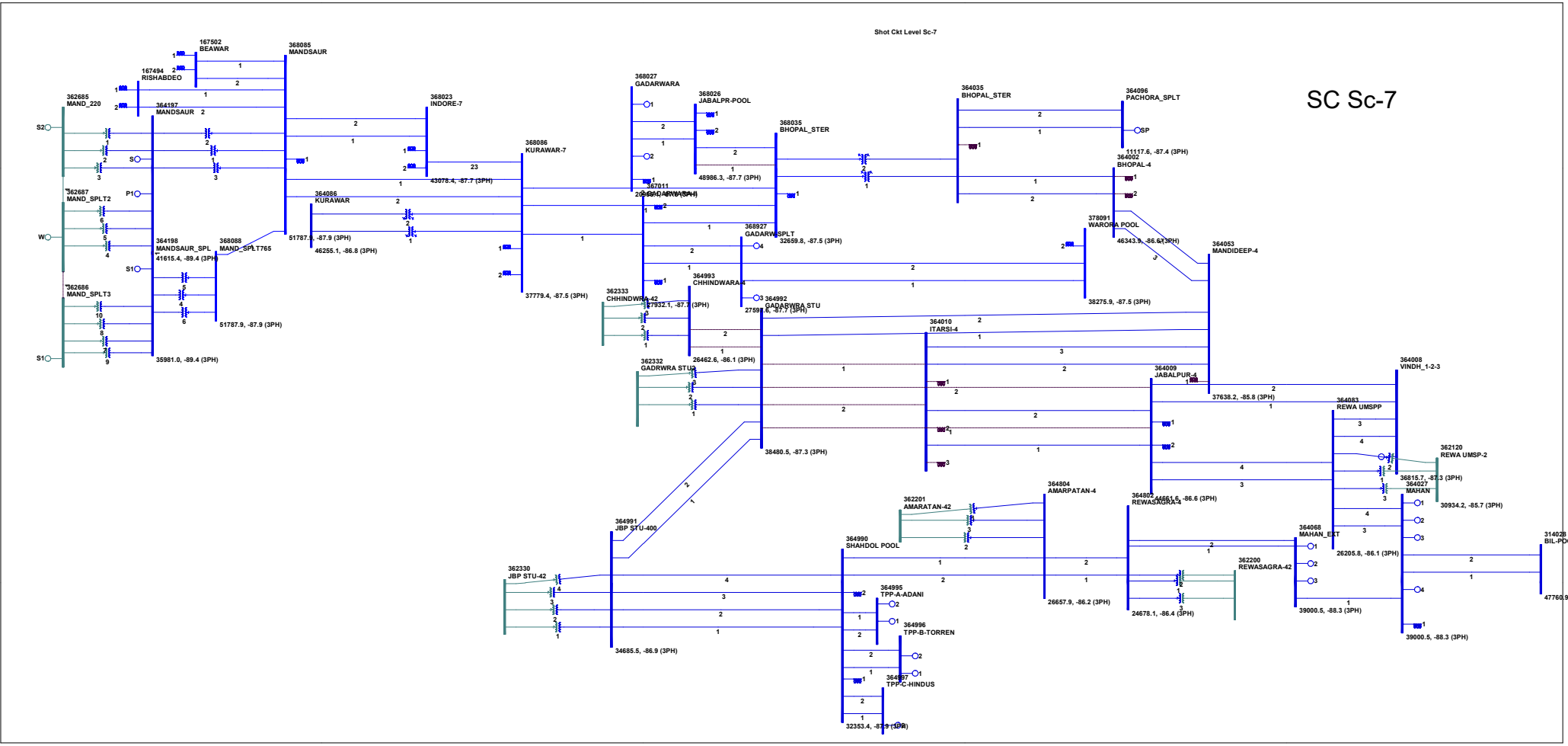


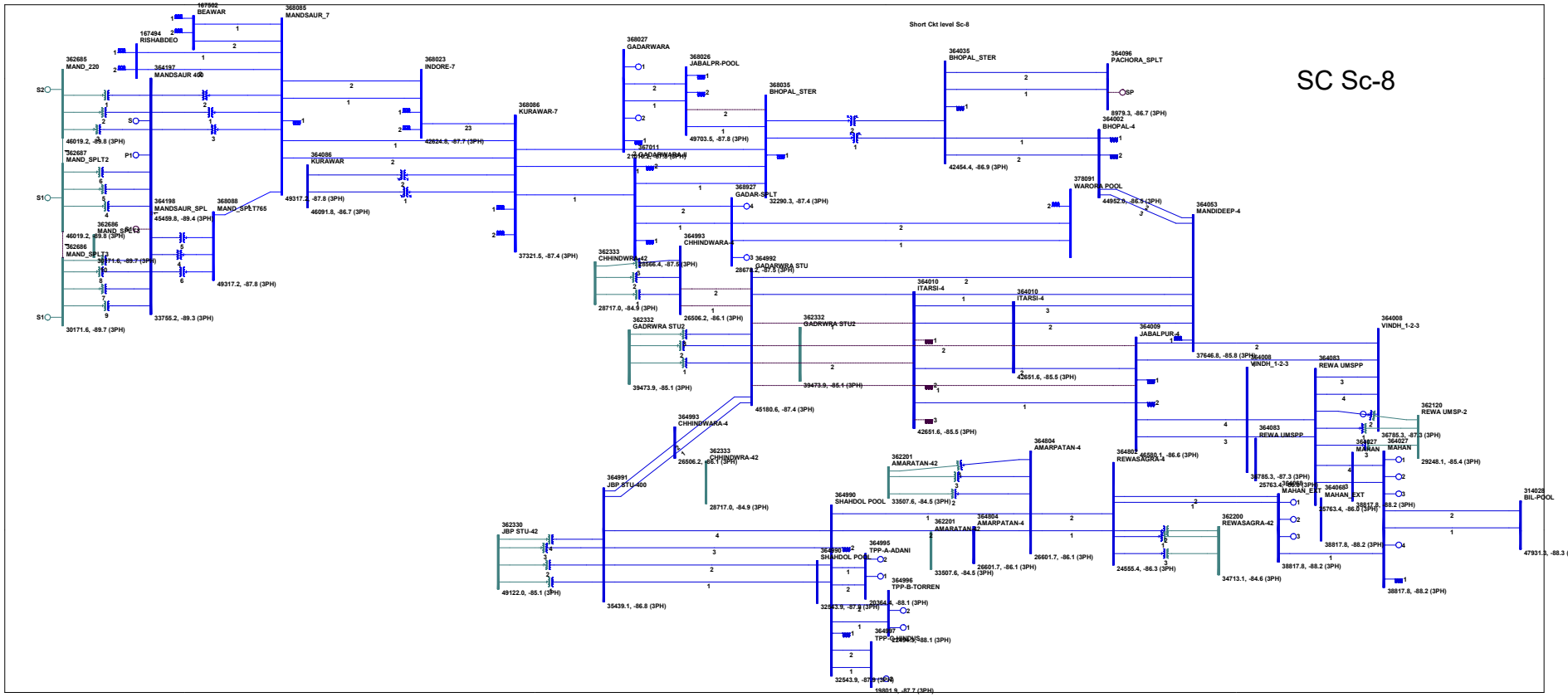

Base Case Sc-5
BEAWAR
NEEMUCH7
RISHABDEO
MANDSAUR
INDORE-7
KURAWAR-7
KURAWAR
MAND_220
MAND_SPLT2
MAND_SPLT3
MANDSAUR_SPL
MAND_SPLT765
GADARWARA
JABALPR-POOL
BHOPAL_STER
GADARWARA-II
GADARWSPLT
GADARWRA STU
CHHINDWARA
CHHINDWARA-4
JBP STU-400
JBP STU-42
SHAHDOL POOL
TPP-A-ADANI
TPP-B-TORREN
TPP-INDUS
AMARPATAN-42
AMARPATAN-4
ITARSI-4
BHOPAL_STER
PACHORA_SPLT
BHOPAL-4
WARORA POOL
MANDIDEEP-4
JABALPUR-4
REWASAGAR-4
VINDH_1-2-3
REWA UMSP-2
MAHAN
MAHAN_EXT
REWA UMSP
BIL-POOL


Base Case Sc-7
Base Case Sc-7


Base Case Sc-8
Base Case Sc-8


Sc-5 Short Circuit level
167502
BEAWAR
368085
NEEMUCH7
167494
RISHABDEO
42636.1, -87.4 (3PH)
362685
MAND_220
364197
MANDSAUR 400
38193.8, -87.5 (3PH)
368023
INDORE-7
41766.8, -87.6 (3PH)
368086
KURAWAR-7
36688.0, -87.4 (3PH)
364086
KURAWAR
45372.1, -86.8 (3PH)
48787.9, -87.8 (3PH)
45967.2, -89.8 (3PH)
362687
MAND_SPLT2
362686
MAND_SPLT3
364198
MANDSAUR_SPL
45327.8, -89.4 (3PH)
368088
MAND_SPLT765
48787.9, -87.8 (3PH)
33639.8, -89.3 (3PH)
30133.0, -89.7 (3PH)
368027
GADARWARA
368026
JABALPR-POOL
49459.1, -87.8 (3PH)
368035
BHOPAL_STER
364035
BHOPAL_STER
364096
PACHORA_SPLT
8955.7, -86.7 (3PH)
41930.5, -86.9 (3PH)
364002
BHOPAL-4
378091
WARORA POOL
44315.4, -86.5 (3PH)
364053
MANDIDEEP-4
35578.9, -87.4 (3PH)
368927
GADARWASPLT
31805.0, -87.4 (3PH)
364993
CHHINDWARA-4
364992
GADARWRA STU
26601.1, -87.7 (3PH)
362333
CHHINDWRA-42
26537.0, -86.2 (3PH)
28672.5, -85.0 (3PH)
362332
GADRWRA STU2
36714.3, -84.8 (3PH)
37797.2, -87.3 (3PH)
364010
ITARSI-4
41619.8, -85.5 (3PH)
364009
JABALPUR-4
36738.6, -85.8 (3PH)
364008
VINDH_1-2-3
364083
REWA UMSPP
362120
REWA UMSP-2
36683.1, -87.3 (3PH)
364027
MAHAN
29227.2, -85.4 (3PH)
364804
AMARPATAN-4
362201
AMARATAN-42
34084.2, -84.6 (3PH)
29398.6, -86.2 (3PH)
364805
REWASAGRA-4
25522.2, -86.4 (3PH)
362200
REWASAGRA-42
35066.4, -84.7 (3PH)
364068
MAHAN_EXT
25695.0, -86.0 (3PH)
38930.0, -88.3 (3PH)
314028
BIL-POOL
48033.0, -88
364991
JBP STU-400
34324.0, -86.9 (3PH)
362330
JBP STU-42
47556.0, -85.2 (3PH)
364990
SHAHDOL POOL
364995
TPP-A-ADANI
364996
TPP-B-TORREN
32353.7, -87.2 (3PH)
20318.5, -88.1 (3PH)
364997
19743.4, -87.8 (3PH)


Shot Ckt Level Sc-7
SC Sc-7
167502
BEAWAR
368085
MANDSAUR
167494
RISHABDEO
362685
MAND_220
364197
MANDSAUR
368023
INDORE-7
43078.4, -87.7 (3PH)
368086
KURAWAR-7
37779.4, -87.5 (3PH)
362687
MAND_SPLT2
364086
KURAWAR
51787.9, -87.9 (3PH)
46255.1, -86.8 (3PH)
364198
MANDSAUR_SPL
41615.4, -89.4 (3PH)
368088
MAND_SPLT765
51787.9, -87.9 (3PH)
362686
MAND_SPLT3
35981.0, -89.4 (3PH)
368027
GADARWARA
368026
JABALPR-POOL
48986.3, -87.7 (3PH)
368035
BHOPAL_STER
367011
GADARWARA(PH)
368927
GADARWA SPLT
32659.8, -87.5 (3PH)
364993
CHHINDWARA-4
364992
GADARWRA STU
27598.8, -87.7 (3PH)
362333
CHHINDWRA-42
26462.6, -86.1 (3PH)
362332
GADRWRA STUB
38480.5, -87.3 (3PH)
364035
BHOPAL_STER
364096
PACHORA_SPLT
11117.6, -87.4 (3PH)
364002
BHOPAL-4
378091
WARORA POOL
46343.9, -86.6 (3PH)
38275.9, -87.5 (3PH)
364053
MANDIDEEP-4
364010
ITARSI-4
364009
JABALPUR-4
37638.2, -85.8 (3PH)
364008
VINDH_1-2-3
364083
REWA UMSPP
362120
REWA UMSP-2
36815.7, -87.3 (3PH)
364027
MAHAN
30934.2, -85.7 (3PH)
314028
BIL-POOL
47760.9, -88.3 (3PH)
364804
AMARPATAN-4
362201
AMARATAN-42
26657.9, -86.2 (3PH)
364805
REWASAGRA-4
24661.6, -86.6 (3PH)
24678.1, -86.4 (3PH)
362200
REWASAGRA-42
364068
MAHAN_EXT
26205.8, -86.1 (3PH)
39000.5, -88.3 (3PH)
39000.5, -88.3 (3PH)
364991
JBP STU-400
362330
JBP STU-42
34685.5, -86.9 (3PH)
364990
SHAHDOL POOL
364995
TPP-A-ADANI
364996
TPP-B-TORREN
364997
TPP-C-HINDUS
32353.4, -87.9 (3PH)


SC Sc-8
Short Ckt level Sc-8
167502 BEAWAR
167494 RISHABDEO
368085 MANDSAUR_7
362685 MAND_220
364197 MANDSAUR 400
368023 INDORE-7
368086 KURAWAR-7
368027 GADARWARA
368026 JABALPR-POOL
368035 BHOPAL_STER
364035 BHOPAL_STER
364096 PACHORA_SPLT
364002 BHOPAL-4
378091 WARORA POOL
364053 MANDEEP-4
362687 MAND_SPLT2
364198 MANDSAUR_SPL
368088 MAND_SPLT765
364086 KURAWAR
368927 GADAR-SPLT
364993 CHHINDWARA-4
364992 GADARWRA STU
362333 CHHINDWRA-42
362332 GADRWRA STU2
364010 ITARSI-4
364009 JABALPUR-4
364008 VINDH_1-2-3
364083 REWA UMSPP
362120 REWA UMSP-2
364027 MAHAN
364085 MAHAN_EXT
314028 BIL-POOL
364804 AMARPATAN-4
362201 AMARATAN-42
364805 REWASAGRA-4
362200 REWASAGRA-42
364991 JBP STU-400
362330 JBP STU-42
364990 SHAHDOL POOL
364995 TPP-A-ADANI
364996 TPP-B-TORREN
364997 TPP-C-ADANIS
46019.2, -89.8 (3PH)
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37321.5, -87.4 (3PH)
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42454.4, -86.9 (3PH)
8979.3, -86.7 (3PH)
44962.0, -86.3 (3PH)
32290.3, -87.4 (3PH)
45459.8, -89.4 (3PH)
33755.2, -89.3 (3PH)
30171.6, -89.7 (3PH)
28678.2, -87.3 (3PH)
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25763.4, -86.0 (3PH)
29248.1, -85.4 (3PH)
38817.8, -88.2 (3PH)
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33507.6, -84.5 (3PH)
26601.7, -86.1 (3PH)
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32543.9, -87.3 (3PH)
20364.1, -88.1 (3PH)
19801.9, -87.7 (3PH)

Part-B: Application-related matters in Western Region

1. Deposit scheme for the entities covered under Regulation 17.1(iii) who have been granted GNA/GNARE at Navinal: 4500 MW & Kandla: 3000 MW Substations in WR

a) Bulk Consumers / Distribution licensees (under Reg. 17.1(iii) of GNA Regulations) may apply for GNA for 50 MW or above for drawal of power from ISTS.

b) Under Reg. 12.5 of GNA Regulations, such Entities are responsible **at their own cost** for construction and maintenance of the dedicated system connecting their facility to the ISTS along with any necessary augmentation of the ISTS network for enabling connection.

c) In this context, it was decided in a meeting held on 12-07-2023 under the chairpersonship of Chairperson (CEA) that ISTS identified/planned for potential based bulk consumers including green hydrogen can be implemented under ISTS, provided that the potential site of such bulk consumers has been confirmed by the central/state government.

d) In such cases, security (BG) to be taken from GH2 developers towards development of ISTS is very low (i.e. only Rs. 2L/MW (Conn-BG3)) as compared to ISTS cost (i.e. about 1 Cr. / MW).

e) Without adequate security, if GH2 developers do not materialise, ISTS developed by Transmission Licensee would become redundant & cost would be borne by the DICs.

f) In view of the above, CERC in order in Petition No. 426/TL/2024 on 19.11.2025 | Navinal Transmission Limited has held that:

   a. ICTs and associated bays at Navinal S/s shall be considered under 'necessary augmentation for providing the connection to ISTS' under Regulation 12.5 of the GNA Regulations, whose cost is to be borne by the entities covered under Regulation 17.1(iii).
   b. The GNA/ GNARE grantee entities shall deposit the cost as intimated by CTUIL, within 30 days of intimation of such cost. In case of failure, GNA/ GNARE grants to such entities shall be cancelled, and available BGs shall be treated as per the extant GNA Regulations.
   c. CTUIL shall itself calculate the cost to be collected from each such entity that has been granted GNA/ GNARE, at the instant Navinal substation, in proportion to the quantum of GNA/ GNARE, based on the latest average estimated per MW cost (based on Voltage level) or do so in consultation with the NCT, if considered necessary.
   d. CTUIL shall keep this amount in a separate account under an appropriate deposit scheme. Staff is directed to devise a mechanism for treating this amount and the charges for the Transformer component.

g) Further, CERC in Order in Petition No. 73/TL/2025 dated 18.12.2025 w.r.t. grant of Transmission Licence to Paradeep Transmission Limited has held that:

Para 11. *We have noted calculations furnished by CTU at the May 2025 price level for 765kV/400 kV ICT and associated 765 kV bays and 400 kV bays for a 3000 MW substation and 4500 MW substation. It is noted that the actual cost of such a substation may vary depending on the actual bid price / determined tariff, which may be higher or lower than the proposed number. However, for uniformity as suggested by CTU and considering latest average estimated cost and 36th minutes of meeting of NCT quoted above whereby NCT stated that they do not have any mandate to formulate cost.* ***We direct that the entities covered under Regulation 17.1(iii) shall deposit cost of Rs. 16 lacs/MW for the GNA/ GNARE quantum for such entities covered under Regulation 17.1(iii), who have been granted GNA/GNARE (or who shall be granted GNA/GNARE) at such substation Navinal: 4500 MW, Kandla: 3000 MW, Kakinada GH: 3000 MW, Tuticorin GH: 3000 MW, Pendurthi GH: 4500 MW, Paradeep: 1500 MW, Gopalpur: 1500 MW. The CTUIL is directed to raise the bill @16 lac/MW to the GNA/GNARE grantees within 15 days of this Order. The entities are directed to deposit the intimated amount, within 30 days of intimation, in terms of the earlier Order dated 18.12.2025. In the event of failure, the GNA/ GNARE grants to such entities shall be cancelled, and available BGs shall be treated as per the extant GNA Regulations. CTUIL shall keep this amount in a separate account under an appropriate deposit scheme.***

h) In view of the same, all entities covered under Regulation 17.1(iii), who have been granted GNA/GNARE (or who shall be granted GNA/GNARE) at Navinal: 4500 MW & Kandla: 3000 MW Substations in WR would have to deposit the said amount in terms of above CERC Order.

Above may be noted.

2. Applications discussed in 41st CMETS-WR and requiring further deliberations

A. Applications for Thermal Energy Source

S no.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Energy Source	Location (Requested)	Quantum
1.	2200002513	Newzone India Private Limited	19-Oct-25	12:14:08	WR	Thermal	Near to Anuppur	800MW
41st CMETS-WR Newzone India Private Limited was requested to inform the substation at which connectivity is required. Further, applicant was also requested to explain details of their Thermal project, so that studies can be initiated accordingly.								

Applicant stated that their 2x800MW units are proposed to be connected to STU network and this 800MW unit is planned to be connected to CTU network so that they can sell power outside MP through GNA.

It was informed that there is no ISTS S/s in vicinity of the applicant's project and that MPPTCL is already planning a comprehensive system for evacuation of power from Shahdol area to accommodate several thermal generating stations. Hence, the applicant may also consider connecting this unit to the STU network to avoid duplicity of transmission system planning and to ensure optimal utilisation of transmission system. Furthermore, if applicant chooses to connect to the CTU system, it would require planning an elaborate ISTS system in the area as Associated Transmission System (ATS) for the generator and the corresponding Conn-BG2 cost would have to be bourne by the applicant.

On query, it was clarified that even an STU connected generator can transfer power through ISTS by availing GNA under Regulation 17.1(vi).

The applicant stated that, considering the inputs they received in the meeting, they will revert within a week on whether they wish to continue with the application. The application will be discussed further based on inputs from applicant.

42nd CMETS-WR

Matter may be deliberated.

B. Processing of new GNA Applications under Reg. 17.1 (iii)

Oct'25

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA
1.	2200002544	Hindalco Industries Limited (Hil)	31-Oct-25	WR	Bulk consumer seeking to connect to ISTS	50.0	100.0	150.0	01-04-2028	31-03-2052

- Applied for GNA_{RE}: No
- Nearest ISTS sub-stations: DGEN Torrent Dahej Substation connected to Navsari ISTS S/s

Agenda for the 42nd Consultation Meeting for Evolving Transmission Schemes in Western Region to be held on 26.02.2026

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA

As per Reg. 17.3 of the GNA Regulation, 2022 (introduced in 3rd Amendment made effective from 09.09.2025):

The Applicant covered under Regulation 17.1(iii) of these regulations may apply for a grant of GNA by seeking interconnection at:
(a) a terminal bay of an ISTS sub-station already allocated to another such entity covered under clause (iii) of Regulation 17.1, or
(b) **a terminal bay of an ISTS sub-station already allocated to another entity covered under Regulation 4.1 of these regulations**, or
(c) a switchyard of a generating station having Connectivity to ISTS

Provided that the applicant, along with the application under sub-clauses (a) to (c) of this Regulation, shall furnish **an agreement duly signed between the Applicant and the said entity** for sharing the terminal bay, switchyard, the dedicated transmission lines.

HIL has furnished the sharing agreement along with the application as per Reg. 17.3 mentioned above.

41st CMETS-WR:

M/s HIL stated that they are envisaging following **Dedicated Transmission System for Connectivity utilising the DTL of M/s TPL (DGEN TPS) up to Navsari (PG) S/s:**

HIL informed that they shall share the DTL of M/s TPL (DGEN TPS) for its 1200MW generation project as given below:

- LILO of one circuit of TPL (DGEN TPS)-Navsari S/s 400kV D/c (triple) line at HIL(GIS) Switchyard

In view of the available sharing agreement / details of DTL, it was proposed to grant GNA to HIL with following system, which is already under implementation, and no additional transmission system is required to be planned under ISTS for subject GNA:

Common Transmission System Augmentation for GNA:

Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B (part system) (expected by Mar'26) : POWERGRID

- Establishment of 765/400/220 kV Navsari (new) (South Gujarat) S/s (GIS)
- Navsari (new) (South Gujarat) (GIS)- Kala (GIS) 400 kV D/c line

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA

- Navsari (New) (South Gujarat) (GIS) – Padghe (GIS) 765 kV D/c line
- Augmentation of transformation capacity at Navsari(new) (GIS) 765/400 kV substation by 1x1500 MVA ICT (3rd)

Downstream system under In-STS considered at Navsari (New) S/s: GETCO

- LILO of both circuits of 220 KV D/c Navsari - Sachin line at Navsari (New) (South Gujarat) (GIS) substation
- Navsari (New) (South Gujarat) (GIS) substation – Sachin 220kV D/c line
- Navsari (New) (South Gujarat) (GIS) substation – Khajod 220kV D/c line

It was further informed that M/s HIL is presently interconnected with GETCO In-STS system. HIL vide letter dated 24.03.2025 to GETCO (submitted along with application) has informed the STU that they are applying for GNA to the ISTS network and upon effectiveness of the ISTS Connectivity, Intra-state connectivity shall be surrendered.

GRID-INDIA highlighted that M/s HIL shall ensure compliance w.r.t. Grid Connectivity Standards after proposed LILO and accordingly Cat-2 (IEGC) Agreement needs to be signed without which physical connectivity with the Grid will not be allowed.

GETCO stated that NOC (for disconnection with STU network and interconnection with ISTS) may be applied to STU, so that matter can be taken up with DISCOMs for clearance of any dues. Further, issue of Vav-Navsari 400kV line overloading needs to be studied before grant.

Applicant was requested to coordinate with GETCO for NOC related issues. However, it was decided that the entity shall be treated as an entity directly connected to ISTS and it shall be the responsibility of applicant to ensure the above prior to physical interconnection with ISTS in order to avoid dual connectivity with ISTS and InSTS. Even in case of non-receipt of NOC from STU, the GNA shall be made effective. It was also discussed that Issue of Vav-Navsari 400kV line overloading is expected to get resolved with commissioning of Navsari (New) 765/400/220kV S/c and associated lines. It may further be noted that as per GNA Regulations, the necessary metering, accounting, and scheduling arrangements for such entities shall be as per the Detailed Procedure to be prepared by NLDC in this regard, in consultation with CTU, CEA, RPCs, and RLDCs.

HIL requested some time to intimate the exact details of DTL sharing in close coordination with TPL (DGEN) and RIL (refer deliberations in next agenda item).

It was decided that the application shall be discussed in the next meeting based on the feedback of applicants i.e. HIL & RIL.

Agenda for the 42nd Consultation Meeting for Evolving Transmission Schemes in Western Region to be held on 26.02.2026

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA

42nd CMETS-WR

M/s HIL have informed the following w.r.t. queries in last meeting vide e-mail dated 12.02.2026:

i) "It was suggested that LILO may be carried out on the other circuit in order to ensure balanced line loadings":

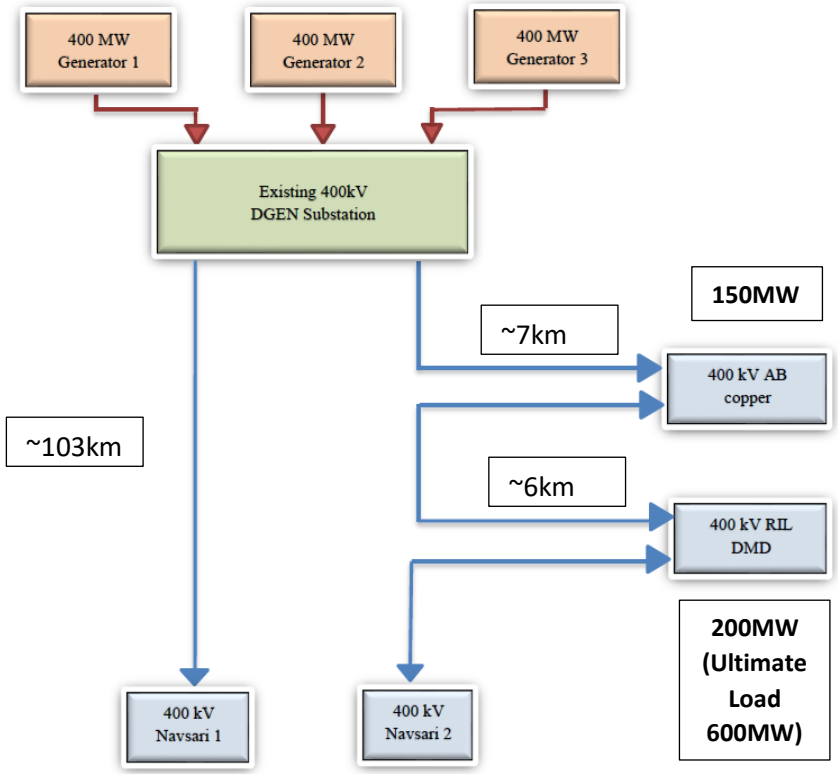
- ***The feasibility study for sharing the DTL between HIL and RIL has already been completed, and all associated load flow and simulation analyses have been carried out. The feasibility study report prepared by TCE is enclosed for your reference. Based solely on the outcomes of the TCE report, it has been concluded that the most technically suitable solution is to implement the LILO arrangement for HIL and RIL using Circuit–1 of the 400 kV Navsari– D.Gen transmission line. (Please refer the mail below from Torrent Power for your reference).***

ii) "RIL & HIL had requested some time to intimate the exact details of DTL sharing in close coordination with TPL (DGEN)"

- ***The same has been communicated to Torrent Power, and they have requested some additional time to provide the approved drawings. We will share them as soon we receive them, expected by the end of this month.***

Further, TPL (DGEN) vide e-mail dated 12.02.2026 addressed to M/s HIL has also concurred the above proposal. The schematic of proposed arrangement is given below as per which LILO of same ckt with triple snowbird conductor by both M/s HIL & M/s RIL is considered:

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA



Matter may be deliberated.

Nov'25

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA
1.	2200002560	Reliance Industries Limited	6-Nov-25	WR	Bulk consumer (including Green Hydrogen / Green Ammonia) seeking to connect to ISTS directly	200.0	0	200.0	01-12-2027	31-12-2037

- Applied for GNA_{RE}: Yes
- Nearest ISTS sub-stations: South Olpad / Navsari

41st CMETS-WR:

From the studies, it is observed that the subject drawal can be accommodated at Navsari PG after considering establishment of Navsari (New) and its associated Transmission system which is already under implementation/implemented by POWERGRID.

RIL informed that just like M/s HIL above, RIL is also Planning to utilise DGEN DTL through LILO arrangement of one ckt. It was suggested that LILO may be carried out on the other circuit in order to ensure balanced line loadings.

It was observed that RIL is presently interconnected with GETCO In-STS system. GETCO stated that NOC may be applied to STU (for disconnection with STU network and interconnection with ISTS) so that matter can be taken up with DISCOMs for clearance of any dues.

Sharing of ISTS losses to be apportioned amongst HIL, RIL and TPL (DGEN) shall be as per procedure of GRID-INDIA which has to be agreed to the three parties.

In view of the available sharing agreement / details of DTL, it was proposed to grant GNA to RIL with following system, which is already under implementation, and no additional transmission system is required to be planned under ISTS for subject GNA:

Common Transmission System Augmentation for GNA:

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA

Transmission Network Expansion in Gujarat to increase ATC from ISTS: Part B (part system) (expected by Mar'26) : POWERGRID

- Establishment of 765/400/220 kV Navsari (new) (South Gujarat) S/s (GIS)
- Navsari (new) (South Gujarat) (GIS)- Kala (GIS) 400 kV D/c line
- Navsari (New) (South Gujarat) (GIS) – Padghe (GIS) 765 kV D/c line
- Augmentation of transformation capacity at Navsari(new) (GIS) 765/400 kV substation by 1x1500 MVA ICT (3rd)

Downstream system under In-STS considered at Navsari (New) S/s: GETCO

- LILO of both circuits of 220 KV D/c Navsari - Sachin line at Navsari (New) (South Gujarat) (GIS) substation
- Navsari (New) (South Gujarat) (GIS) substation – Sachin 220kV D/c line
- Navsari (New) (South Gujarat) (GIS) substation – Khajod 220kV D/c line

Applicant was requested to coordinate with GETCO for NOC related issues. However, it was decided that the entity shall be treated as an entity directly connected to ISTS and it shall be the responsibility of applicant to ensure the above prior to physical interconnection with ISTS in order to avoid dual connectivity with ISTS and InSTS. Even in case of non-receipt of NOC from STU, the GNA shall be made effective.

RIL requested some time to intimate the exact details of DTL sharing in close coordination with TPL (DGEN) and HIL.

It was decided that the application shall be discussed in the next meeting based on the feedback of applicants i.e. HIL & RIL.

42nd CMETS-WR:

Deliberations shall be undertaken together with application of M/s HIL as given above.

3.

4. Application for use of GNA by other grantee(s) under Reg. 23

Agenda for the 42nd Consultation Meeting for Evolving Transmission Schemes in Western Region to be held on 26.02.2026

Sl. No.	Application ID	Name of the Applicant (Transferrer)	Submission Date	Region	Nature of applicant (Transferrer)	Name of other GNA Grantee in same region	Nature of other GNA Grantee	GNA Sought (MW)	From date of GNA usage	To date of GNA usage
1.	2200002983	Reliance Industries Limited	29-Dec-25	WR	500MW (Within Region) Bulk consumer connected to ISTS	Reliance Corporate IT Park Limited	Drawee entity connected to Intra-state Transmission System	17 (Within Region)	01.03.2026	30.11.2026
2.	2200002984	Reliance Industries Limited	29-Dec-25	WR		Reliance Industries Limited Nagpur	Drawee entity connected to Intra-state Transmission System	11 (Within Region)	01.03.2026	30.11.2026
3.	2200002985	Reliance Industries Limited	29-Dec-25	WR		Reliance Industries Limited Nagothane	Drawee entity connected to Intra-state Transmission System	25 (Within Region)	01.03.2026	31.12.2026

Consent of concerned STU (GETCO) in the form of NoC in terms of availability of transmission capacity in the Intra-State transmission system for the above quantum and period of transfer of GNA has been furnished along with the application.

As of date, total GNA of MSETCL approved is 10060MW against ATC of 10800MW (as per GRID-INDIA ATC figure for Dec-25). Hence, margins are available for the subject GNA grant.

The above transfers are proposed to be permitted with the dates of usage of GNA as mentioned above.

However, M/s RIL (transferrer) shall be liable for payment of transmission charges for the whole capacity of GNA. Payment liability for Transmission charges and transmission deviation charges shall be as per Regulation 23.1.

Matter may be deliberated.

5. Applications for Connectivity to ISTS under Regulation 4.1, 4.2,5.2, 5.6, 5.7 and 5.11(a)

In view of the notification & effectiveness of the 3rd Amendment of Connectivity & GNA Regulations 2022, the transition process is to be carried out for applicable entities. Accordingly, the applications received prior to notification of the 3rd amendment (09.09.2025) shall be processed after the completion of the transition process. After such applications are processed, processing of applications received after notification of the 3rd amendment (09.09.2025) shall be taken up. Nevertheless, the list of applications received by CTU in WR in the month of Dec-25 is reproduced below:

Dec-25

S No.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Criterion for applying	Energy Source	Location (Requested)	Quantum	Type of Connectivity required
1.	2200002650	Adani Green Energy Limited	2-Dec-25	10:42:54	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	650	Non-Solar Hour Access [Reg. 5.11(a)]
2.	2200002652	Adani Green Energy Limited	2-Dec-25	10:44:10	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	287	Non-Solar Hour Access [Reg. 5.11(a)]
3.	2200002651	Adani Green Energy Limited	2-Dec-25	10:45:07	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	1050	Non-Solar Hour Access [Reg. 5.11(a)]
4.	2200002648	Adani Green Energy Limited	2-Dec-25	10:46:07	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	410	Non-Solar Hour Access [Reg. 5.11(a)]
5.	2200002647	Adani Green Energy Limited	2-Dec-25	10:47:15	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	1200	Non-Solar Hour Access [Reg. 5.11(a)]

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S No.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Criterion for applying	Energy Source	Location (Requested)	Quantum	Type of Connectivity required
6.	2200002646	Adani Green Energy Limited	2-Dec-25	10:48:25	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	1530	Non-Solar Hour Access [Reg. 5.11(a)]
7.	2200002644	Adani Green Energy Limited	2-Dec-25	10:49:51	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	75	Non-Solar Hour Access [Reg. 5.11(a)]
8.	2200002643	Adani Green Energy Limited	2-Dec-25	10:52:07	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	735	Non-Solar Hour Access [Reg. 5.11(a)]
9.	2200002641	Adani Green Energy Limited	2-Dec-25	10:52:57	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	925	Non-Solar Hour Access [Reg. 5.11(a)]
10.	2200002656	Sarjan Realities Private Limited	2-Dec-25	11:22:03	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	950	Non-Solar Hour Access [Reg. 5.11(a)]
11.	2200002655	Sarjan Realities Private Limited	2-Dec-25	11:29:28	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	1060	Non-Solar Hour Access [Reg. 5.11(a)]
12.	2200002657	Sarjan Realities Private Limited	2-Dec-25	15:28:34	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	600	Non-Solar Hour Access [Reg. 5.11(a)]
13.	2200002659	Sarjan Realities Private Limited	2-Dec-25	15:28:34	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	1000	Non-Solar Hour Access [Reg. 5.11(a)]

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S No.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Criterion for applying	Energy Source	Location (Requested)	Quantum	Type of Connectivity required
14.	2200002669	Adani Power Limited	3-Dec-25	19:41:07	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	950	Non-Solar Hour Access [Reg. 5.11(a)]
15.	2200002668	Adani Power Limited	3-Dec-25	19:41:51	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	1000	Non-Solar Hour Access [Reg. 5.11(a)]
16.	2200002667	Adani Power Limited	3-Dec-25	19:42:35	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	1250	Non-Solar Hour Access [Reg. 5.11(a)]
17.	2200002691	Adani Power Limited	4-Dec-25	19:23:07	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	1250	Non-Solar Hour Access [Reg. 5.11(a)]
18.	2200002688	Adani Power Limited	4-Dec-25	19:23:54	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	625	Non-Solar Hour Access [Reg. 5.11(a)]
19.	2200002687	Adani Power Limited	4-Dec-25	19:24:47	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	625	Non-Solar Hour Access [Reg. 5.11(a)]
20.	2200002685	Adani Power Limited	4-Dec-25	19:26:12	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	1250	Non-Solar Hour Access [Reg. 5.11(a)]
21.	2200002698	Azure Power Sixty Three Private Limited	5-Dec-25	13:31:36	WR	Land BG Route	Standalone ESS	Raghanesda, Dist Banaskantha, Gujarat	Addition of Generation capacity: 300 MW	Application for the addition of Generation Capacity, including ESS, within the quantum of connectivity

S No.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Criterion for applying	Energy Source	Location (Requested)	Quantum	Type of Connectivity required
										granted under Regulation 5.2
22.	2200002694	Adani Power Limited	5-Dec-25	20:47:12	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	865	Non-Solar Hour Access [Reg. 5.11(a)]
23.	2200002730	Adani Power Limited	5-Dec-25	20:56:48	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	1250	Non-Solar Hour Access [Reg. 5.11(a)]
24.	2200002729	Adani Power Limited	5-Dec-25	20:58:26	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	950	Non-Solar Hour Access [Reg. 5.11(a)]
25.	2200002731	Adani Power Limited	5-Dec-25	20:59:45	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	865	Non-Solar Hour Access [Reg. 5.11(a)]
26.	2200002705	Renew Solar Power Private Limited	6-Dec-25	14:19:15	WR	Land Route	Standalone ESS	Hinglaj Nagar, Jalore, Rajasthan	300	Non-Solar Hour Access [Reg. 5.11(a)]
27.	2200002708	Renew Solar Power Private Limited	6-Dec-25	14:19:15	WR	Land Route	Standalone ESS	Hinglaj Nagar, Jalore, Rajasthan	300	Non-Solar Hour Access [Reg. 5.11(a)]
28.	2200002709	Renew Solar Power Private Limited	6-Dec-25	14:20:24	WR	Land Route	Standalone ESS	Hinglaj Nagar, Jalore, Rajasthan	200	Non-Solar Hour Access [Reg. 5.11(a)]
29.	2200002711	Renew Solar Power Private Limited	6-Dec-25	14:21:21	WR	Land Route	Standalone ESS	Hinglaj Nagar, Jalore, Rajasthan	100	Non-Solar Hour Access [Reg. 5.11(a)]
30.	2200002712	Renew Solar Power Private Limited	6-Dec-25	14:22:15	WR	Land Route	Standalone ESS	Hinglaj Nagar, Chitalwana,	100	Non-Solar Hour Access [Reg. 5.11(a)]

S No.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Criterion for applying	Energy Source	Location (Requested)	Quantum	Type of Connectivity required
								Jalore, Rajasthan		
31.	2200002713	Renew Solar Power Private Limited	6-Dec-25	14:22:58	WR	Land Route	Standalone ESS	Hinglaj Nagar, Chitalwana, Jalore, Rajasthan	300	Non-Solar Hour Access [Reg. 5.11(a)]
32.	2200002715	Renew Solar Power Private Limited	6-Dec-25	14:23:56	WR	Land Route	Standalone ESS	Hinglaj Nagar, Chitalwana, Jalore, Rajasthan	200	Non-Solar Hour Access [Reg. 5.11(a)]
33.	2200002717	Renew Solar Power Private Limited	6-Dec-25	14:25:01	WR	Land Route	Standalone ESS	Hinglaj Nagar, Chitalwana, Jalore, Rajasthan	100	Non-Solar Hour Access [Reg. 5.11(a)]
34.	2200002728	Renew Solar Power Private Limited	6-Dec-25	14:27:02	WR	Land Route	Standalone ESS	Hinglaj Nagar, Chitalwana, Jalore, Rajasthan	100	Non-Solar Hour Access [Reg. 5.11(a)]
35.	2200002767	Renew Solar Power Private Limited	6-Dec-25	19:59:59	WR	Land Route	Standalone ESS	Hinglaj Nagar, Chitalwana, Jalore, Rajasthan	300	Non-Solar Hour Access [Reg. 5.11(a)]
36.	2200002795	NTPC Renewable Energy Limited	7-Dec-25	22:58:51	WR	Land Route	Standalone ESS	Beed Nirdhari, Mandsaur, Madhya Pradesh	300	Non-Solar Hour Access [Reg. 5.11(a)]
37.	2200002791	NTPC Renewable Energy Limited	7-Dec-25	23:00:12	WR	Land Route	Standalone ESS	Beed Nirdhari, Mandsaur, Madhya Pradesh	300	Non-Solar Hour Access [Reg. 5.11(a)]

S No.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Criterion for applying	Energy Source	Location (Requested)	Quantum	Type of Connectivity required
38.	2200002793	NTPC Renewable Energy Limited	7-Dec-25	23:01:06	WR	Land Route	Standalone ESS	Beed Nirdhari, Mandsaur, Madhya Pradesh	300	Non-Solar Hour Access [Reg. 5.11(a)]
39.	2200002788	NTPC Renewable Energy Limited	7-Dec-25	23:04:31	WR	Land BG Route	Standalone ESS	Maindane, Dhule, Maharashtra	300	Non-Solar Hour Access [Reg. 5.11(a)]
40.	2200002744	NTPC Renewable Energy Limited	7-Dec-25	23:09:10	WR	Land Route	Wind	Khavda, Kutch	Addition of Generation capacity: 83 MW	Application for the addition of Generation Capacity, including ESS, within the quantum of connectivity granted under Regulation 5.2
41.	2200002745	NTPC Renewable Energy Limited	7-Dec-25	23:09:10	WR	Land Route	Wind	Khavda, Kutch	Addition of Generation capacity: 27 MW	Application for the addition of Generation Capacity, including ESS, within the quantum of connectivity granted under Regulation 5.2

S No.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Criterion for applying	Energy Source	Location (Requested)	Quantum	Type of Connectivity required
42.	2200002803	NTPC Renewable Energy Limited	7-Dec-25	23:12:09	WR	Land BG Route	Standalone ESS	Dhadane, Dhule, Maharashtra	300	Non-Solar Hour Access [Reg. 5.11(a)]
43.	2200002810	NTPC Renewable Energy Limited	7-Dec-25	23:55:41	WR	Land Route	Standalone ESS	Khavda, Kutch	Addition of Generation capacity: 100 MW	Application for the addition of Generation Capacity, including ESS, within the quantum of connectivity granted under Regulation 5.2
44.	2200002809	NTPC Renewable Energy Limited	7-Dec-25	23:56:34	WR	Land Route	Standalone ESS	Khavda, Kutch	Addition of Generation capacity: 300 MW	Application for the addition of Generation Capacity, including ESS, within the quantum of connectivity granted under Regulation 5.2
45.	2200002862	Juniper Green Energy Limited	8-Dec-25	18:40:01	WR	Land Route	Standalone ESS	Village-PiplyaKaradiya , Tehsil-Mandsaur, Mandsaur	Addition of Generation capacity: 100 MW	Application for the addition of Generation Capacity, including ESS,

S No.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Criterion for applying	Energy Source	Location (Requested)	Quantum	Type of Connectivity required
										within the quantum of connectivity granted under Regulation 5.2
46.	2200002859	Juniper Green Energy Limited	8-Dec-25	19:45:25	WR	Land Route	Standalone ESS	Village-Kumbhariya, Tehsil - Rapar, Katchchh (Kutch)	Addition of Generation capacity: 200 MW	Application for the addition of Generation Capacity, including ESS, within the quantum of connectivity granted under Regulation 5.2
47.	2200002861	Adani Green Energy Limited	8-Dec-25	19:56:21	WR	Land Route	Standalone ESS	Khavda, Kachchh, Gujarat	60	Non-Solar Hour Access [Reg. 5.11(a)]
48.	2200002890	Juniper Green Gem Private Limited	8-Dec-25	20:21:45	WR	Land Route	Standalone ESS	Chhadwel (P), Taluka - Sakri, Dhule	Addition of Generation capacity: 100 MW	Application for the addition of Generation Capacity, including ESS, within the quantum of connectivity

S No.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Criterion for applying	Energy Source	Location (Requested)	Quantum	Type of Connectivity required
										granted under Regulation 5.2
49.	2200002899	Renew Solar (Shakti Eight) Private Limited	8-Dec-25	20:48:22	WR	Land Route	Standalone ESS	Bhachau, Kachchh, Gujarat	100	Non-Solar Hour Access [Reg. 5.11(a)]
50.	2200002926	Hero Solar Energy Private Limited	8-Dec-25	22:59:33	WR	Land BG Route	Solar	Badargadh, Khirai, Debrasa, Nilpar, Tindalava Mota, Badalpur, Naliyatimbo, Kutch, Gujarat	Addition of Generation capacity: 350 MW	Application for the addition of Generation Capacity, including ESS, within the quantum of connectivity granted under Regulation 5.2
51.	2200002927	Hero Solar Energy Private Limited	8-Dec-25	23:08:11	WR	Land BG Route	Hybrid (RHGS)	Village: Chitrod, Tehsil: Rapad, Kutchh, Gujarat	Addition of Generation capacity: Solar-25 MW	Application for the addition of Generation Capacity, including ESS, within the quantum of connectivity granted under Regulation 5.2

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S No.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Criterion for applying	Energy Source	Location (Requested)	Quantum	Type of Connectivity required
52.	2200002937	ACME Solar Holdings Limited	12-Dec-25	11:56:33	WR	Land BG Route	Wind	Bhimlod, Agar Malwa, Madhya Pradesh	350	Full day access
53.	2200002940	Banyan Insolation Private Limited	15-Dec-25	17:44:50	WR	LOA or PPA	Solar	Kavadiya Village, Halvad Taluka, Surendranagar District, Gujarat	100	Full day access
54.	2200002939	PNC Infratech Limited	17-Dec-25	12:34:22	WR	LOA or PPA	Solar	Deori, Sheopur, Madhya Pradesh	300	Full day access
55.	2200002951	PNC Infratech Limited	20-Dec-25	15:34:59	WR	Land BG Route	Solar	Rajula, Amreli, Gujarat	300	Full day access
56.	2200002979	ACME Solar Holdings Limited	26-Dec-25	17:42:26	WR	Land Route	Standalone ESS	Golgam, Vav-tharad	Addition of Generation capacity: 400 MW	Application for the addition of Generation Capacity, including ESS, within the quantum of connectivity granted under Regulation 5.2

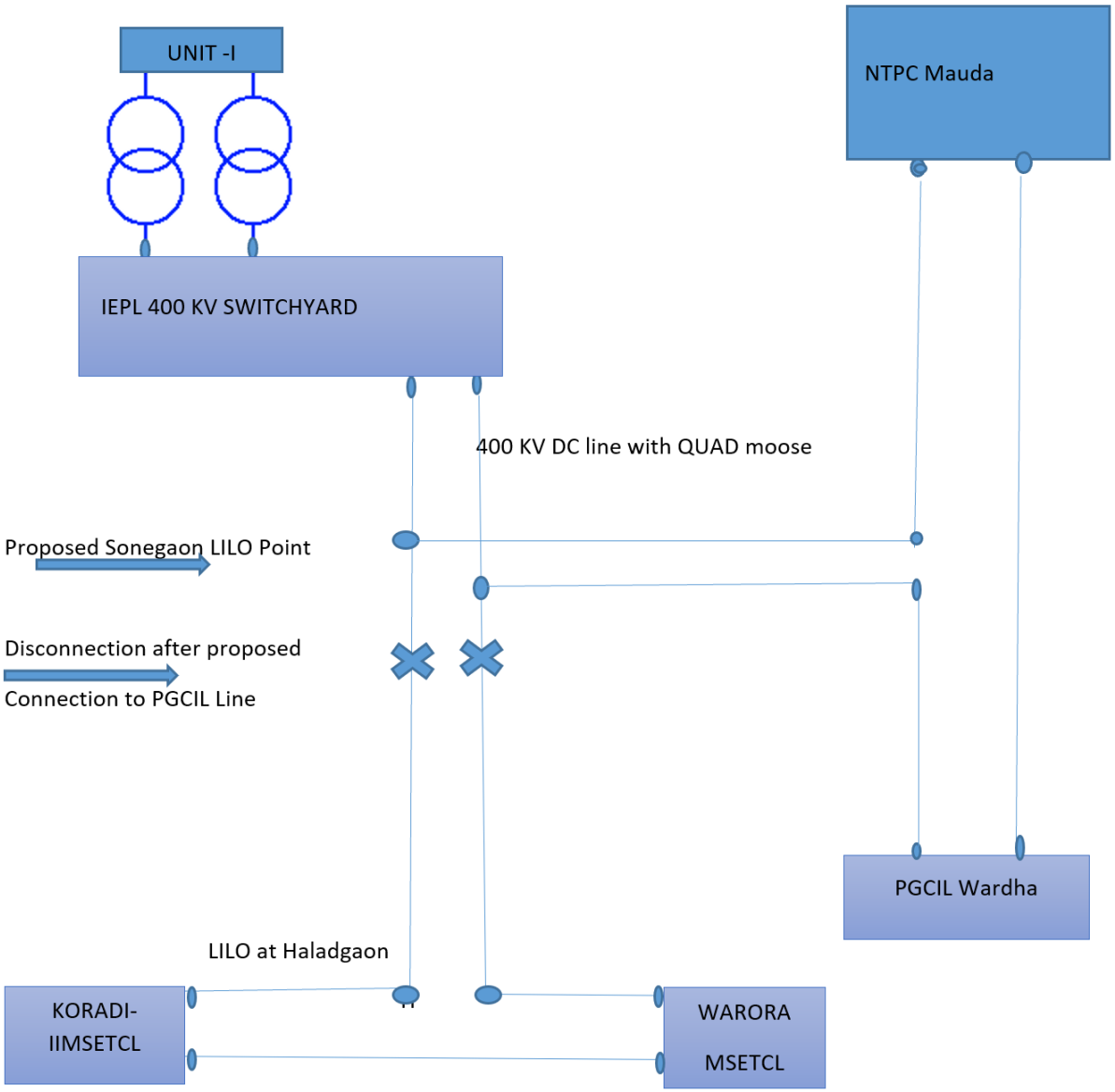
S No.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Criterion for applying	Energy Source	Location (Requested)	Quantum	Type of Connectivity required
57.	2200002989	JIRE Green Energy Project Three Limited	30-Dec-25	19:06:03	WR	Land BG Route	Hybrid (RHGS)	Village Bhavardhi, Taluka Khambha, Amreli, Gujarat	340	Full day access
58.	2200002994	JIRE Green Energy Project Five Limited	31-Dec-25	15:39:27	WR	Land BG Route	Hybrid (RHGS)	Vondh Bhachau, Kutch, Gujarat	340	Full day access
59.	2200002995	JIRE Green Energy Project Four Limited	31-Dec-25	22:52:48	WR	Land BG Route	Hybrid (RHGS)	Devpur, Bhuj, Kutch, Gujarat	340	Full day access

Applications for Thermal Energy Source

S no.	Application ID	Name of the Applicant	Submission Date	Submission Time	Region	Energy Source	Location (Requested)	Quantum	Start Date
1.	2200002676	Ideal Energy Projects Limited	04-Dec-25	12:10:32	WR	Thermal	LILO of one ckt of Mouda to Wardha 400kV D/c Line	270MW	01.04.2027

Presently, 1x270MW TPP of M/s Ideal Energy Projects Ltd. (IEPL) is connected to In-STS system through LILO of one circuit of Koradi – Warora 400kV D/c quad line of STU. Earlier on account of delay in commissioning of the Koradi – Warora 400kV D/c quad line of STU, interim arrangement was allowed for 1x270MW TPS of IEPL through LILO of one circuit of 400kV Mouda-Wardha quad line of ISTS. The same was disconnected upon commissioning of STU system in December 2015.

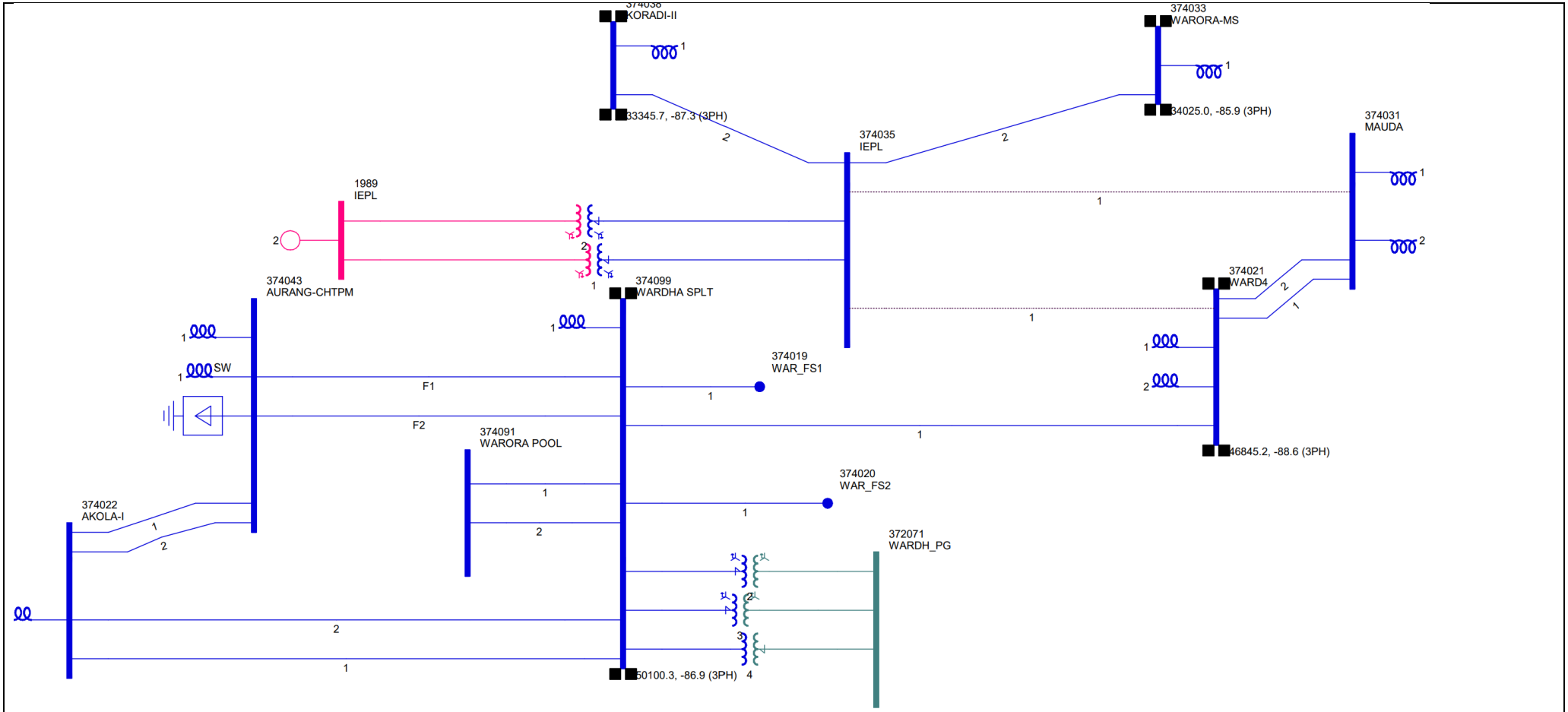
M/s IEPL vide letter dated 13/11/2025 requested for CTU connectivity for the subject 1x270MW TPS w.e.f. 01/04/2027 utilizing the above interim arrangement for ISTS interconnection and further has applied for ISTS Connectivity through NSWS portal as per subject application. The schematic of connectivity requested by M/s IEPL are given below:


UNIT -I
NTPC Mauda
IEPL 400 KV SWITCHYARD
400 KV DC line with QUAD moose
Proposed Sonegaon LILO Point
Disconnection after proposed
Connection to PGCIL Line
PGCIL Wardha
LILO at Haladgaon
KORADI-
IIMSETCL
WARORA
MSETCL

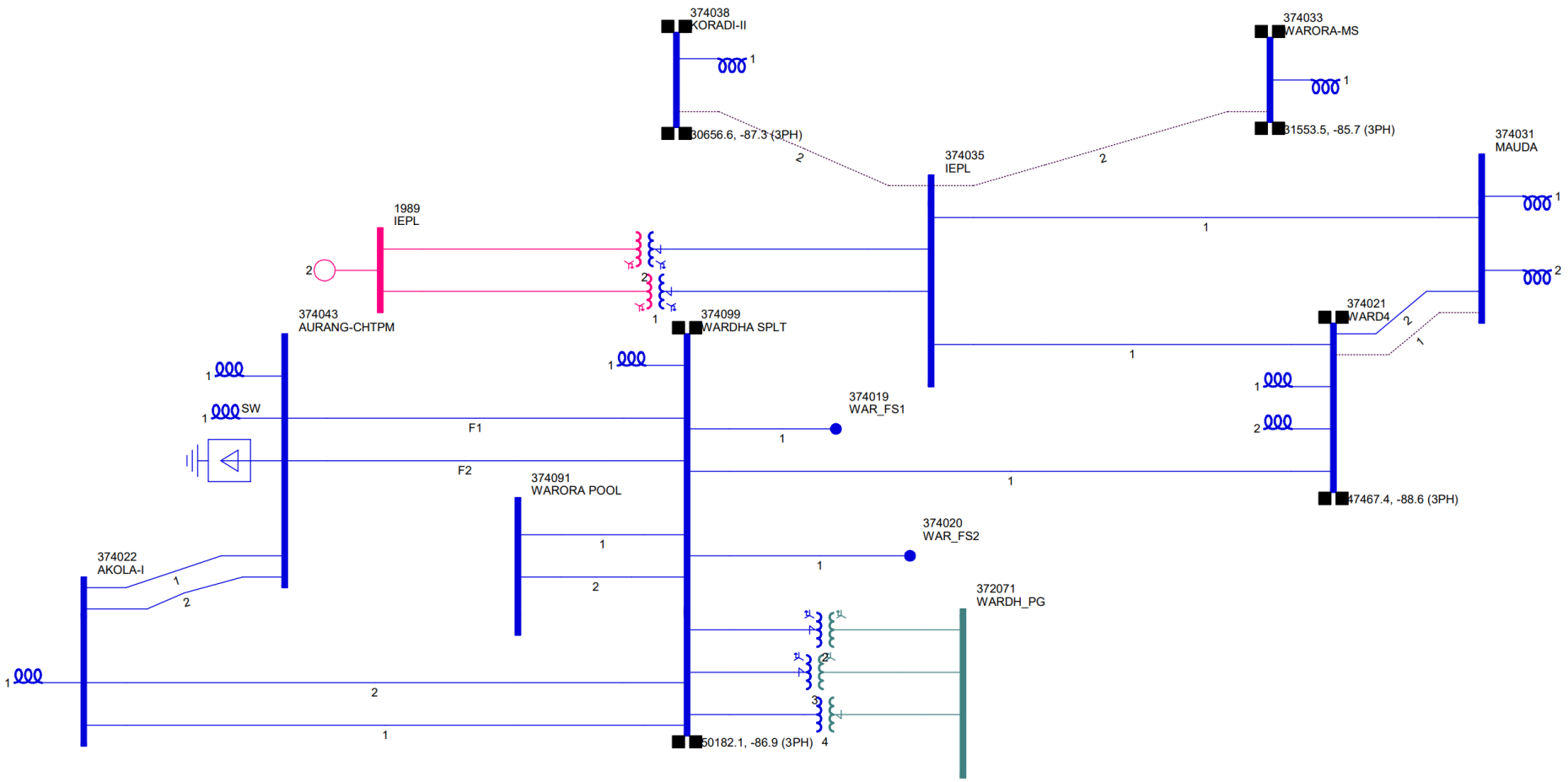
IEPL has informed the following vide e-mail dated 27.11.2025:

- IEPL 400 KV Switchyard is presently connected to STU by LILO arrangement on Koradi-II - Waroa MSETCL 400kV Line
- Part of Existing transmission line up to proposed LILO point at sonegaon @ 12 KM from IEPL Switchyard shall be used for proposed arrangement.
- PGCIL Line and IEPL MSETCL Line are adjacent to each other at near sonegaon
- Two Towers already exist between IEPL MSETCL Line and PGCIL Line of previous arrangement, which existed till December 2015
- It is proposed that the IEPL line shall be connected to PGCIL Wardha- Mauda line by making LILO

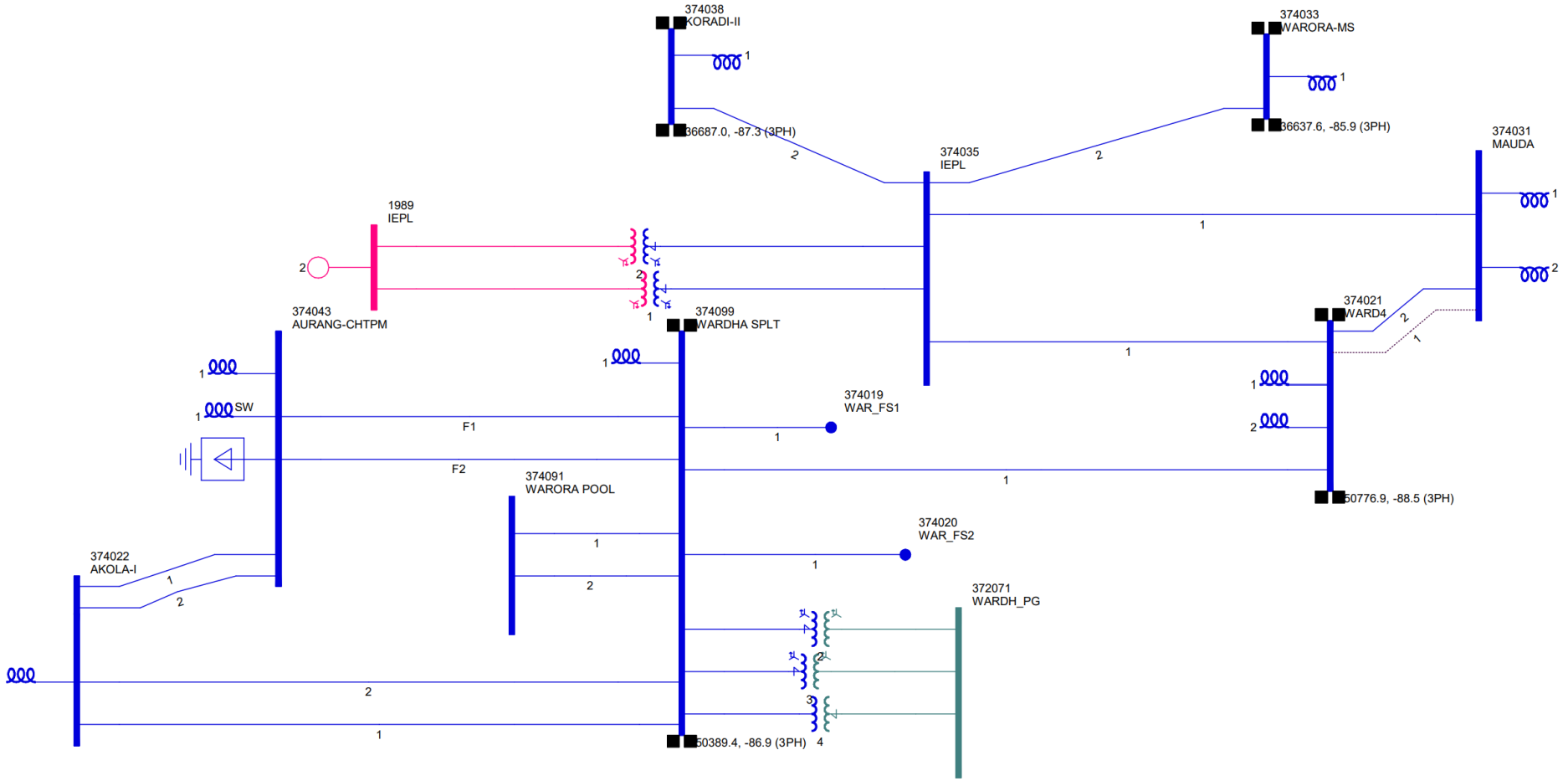
There exist fault level issues in Wardha complex, due to which it was split into two sections through series Bus Reactor (12 ohm). While power flow issues are not envisaged in the proposed LILO, fault level issues need to be analysed before allowing the connectivity. The fault levels before and after proposed interconnection are given below:



Original configuration: Fault level of ~50.1kA & 46.8kA at Wardha Section1 and 2



With Proposed LILO of Mauda – Wardha line at IEPL: Fault level of ~50.2kA & 47.5kA at Wardha Section1 and 2



With both LILOs in service: Fault level of ~50.4kA & 50.8kA at Wardha Section1 and 2

From the above analysis, it is observed that **the proposed LILO of one circuit of Mauda – Wardha 400kV quad D/c line at 270MW TPS of IEPL has only a marginal impact on fault levels at Wardha S/s, provided that the existing STU connectivity through LILO of one circuit of Koradi – Warora 400kV D/c line at 270MW TPS of IEPL is disconnected.**
In view of the above, connectivity at ISTS is proposed to be granted to 270MW TPS of IEPL as per the following configuration:

1. LILO of one circuit of Mauda - Wardha 400kV D/c quad line at 270MW TPS of IEPL
2. Upon implementation of the above LILO, the existing LILO of one circuit of Koradi – Warora 400kV line at IEPL shall be disconnected.

At no point shall the generating station remain simultaneously connected to both the STU and ISTS networks. Dual connectivity shall not be permitted under any circumstances.

Matter may be deliberated.

6. Processing of new GNA Applications under Reg. 17.1 (iii)

Dec'25

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA
1.	2200002629	Torrent Power Limited	02-12-2025	WR	Distribution licensee seeking to connect to ISTS	400.0	400.0	800.0	01-05-2026	30-04-2051
• Applied for GNA_{RE}: No • Nearest ISTS sub-stations: Pirana (Torrent) 400 kV and Nicol-2 (Torrent) 400 kV										
2.	2200002630	Torrent Power Limited	02-12-2025	WR	Distribution licensee seeking to connect to ISTS	50.0	50.0	100.0	01-05-2026	30-04-2029
• Applied for GNA_{RE}: No • Nearest ISTS sub-stations: Sugen (400 kV) S/S										

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA

With respect to the above applications (2200002629 and 2200002930), the following may be noted:

i. M/s Torrent Power Ltd. (TPL), vide intimation dated 16.11.2006, was granted **500MW** LTOA for transfer of power from **3x382.5MW Sugen CCPP** to Torrent Power (AEC), Torrent Power (SEC), MP, and Maharashtra with the following transmission system strengthening:

- Sugen CCPP – Pirana(PG) 400kV D/c line
- LILO of Gandhar – Vapi 400kV S/c line at Sugen CCPP switchayard
- Installation of 3x315MVA, 400/220kV transformers at SUGEN CCPP
- 2 nos. 400kV line bays at 400/220kV Pirana (PG) S/s for termination of D/c line from Sugen CCPP

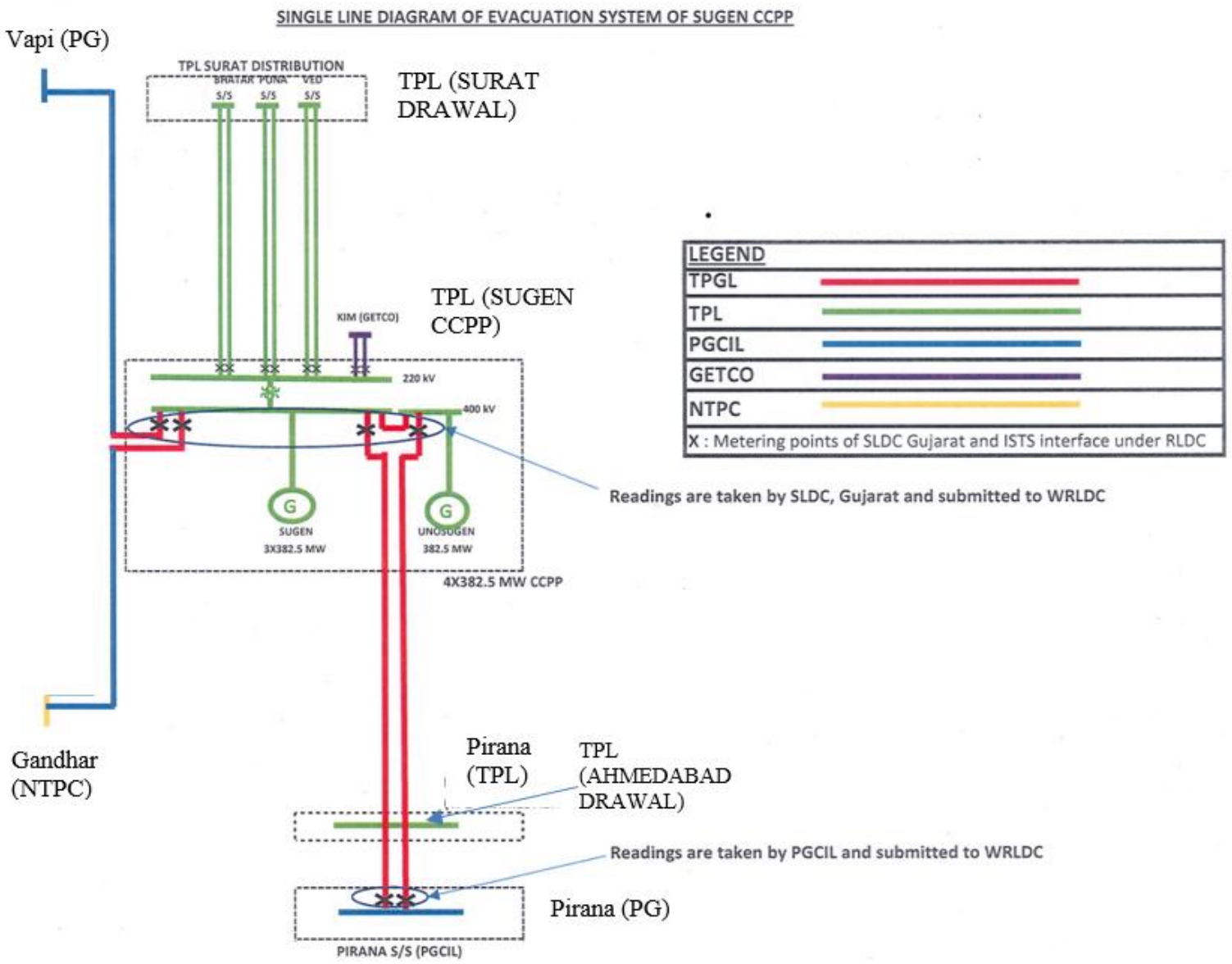
ii. M/s Torrent Power Grid Ltd. (TPGL) was granted the inter-State transmission license on 16.5.2007 vide its Order dated Petition No. 97/2006, to build, own, and operate the transmission system for the evacuation of power from Sugen CCPP. Upon grant of the inter-State transmission licence, implementation of the identified transmission system was undertaken by TPGL.

iii. The transmission licence granted to TPGL was amended by the Hon'ble Commission vide order dated 1.12.2010 in Petition No. 10/2010 for carrying out LILO of SUGEN – Pirana (PG) 400kV D/c line at Pirana(TPL), enabling direct supply of power from Sugen CCPP to TPL Ahmedabad, one of the beneficiaries under Sugen CCPP's LTOA. The transmission system was executed in three phases as detailed below:

- Phase 1: 400 kV Loop in Loop out (LILO) at SUGEN bus on one circuit of the Gandhar (Jhanor)-Vapi Line of PGCIL. – **01.03.2009 (COD)**
- Phase 2: 400 kV D/C line from SUGEN to the point near Gandhar and LILO on one circuit of the Gandhar (Jhanor)-Dehgam Line of PGCIL near Gandhar. – **01.04.2010 (COD)**
- Phase 3: Extending 400 kV D/C line from LILO point on Jhanor (Gandhar)-Dehgam line to 400 kV Sub-station of PGCIL at Pirana (Kamod) with two number of 400 kV line bays and LILO at 400 kV Pirana Sub-station of Torrent Power Ltd along with opening of LILO point near Gandhar. – **01.04.2011 (COD)**

iv. Subsequently, in the 16th Meeting of the WR constituents regarding Connectivity/Open Access Applications held on 09.05.2012, M/s TPL informed that it had signed a PPA of 100MW with the state of MP for its **3x382.5MW Sugen CCPP**. Since PPAs for the balance capacity were yet to be tied up, M/s TPL requested

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA
	reduction of LTOA from **500MW to 300MW for its 3x382.5MW Sugen CCPP**. Accordingly, the revised LTA granted to TPL for its **3x382.5MW Sugen CCPP** became **300MW [100MW(MP) & 200MW (WR(Target)].**									
v.	Thereafter, TPL relinquished 50MW LTA from MP and the effective **LTA for Sugen CCPP** stood at **250MW [50MW(MP) & 200MW (WR(Target)], prior to the GNA Regulations, 2022.**									


SINGLE LINE DIAGRAM OF EVACUATION SYSTEM OF SUGEN CCPP
Vapi (PG)
TPL SURAT DISTRIBUTION
BHATAR PUNA VEO
S/S S/S S/S
TPL (SURAT DRAWAL)
KIM (GETCO)
TPL (SUGEN CCPP)
220 kV
400 kV
G
SUGEN
3X382.5 MW
G
UNOSUGEN
382.5 MW
4X382.5 MW CCPP
LEGEND
TPGL
TPL
PGCIL
GETCO
NTPC
X : Metering points of SLDC Gujarat and ISTS interface under RLDC
Readings are taken by SLDC, Gujarat and submitted to WRLDC
Gandhar (NTPC)
Pirana (TPL)
TPL (AHMEDABAD DRAWAL)
Readings are taken by PGCIL and submitted to WRLDC
Pirana (PG)
PIRANA S/S (PGCIL)

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA

vi. M/s TPL has opted for conversion of 382.5MW from its 1x382.5MW Unosugen CCPP and 1200MW from its 3x400MW DGEN CCPP to GNA under Regulation 37.6(1) of GNA Regulations, 2022. Further, 1147.5MW from TPL's 3x382.5MW Sugen CCPP has been converted to GNA under various provisions of GNA Regulations, 2022 [i.e., 50MW deemed GNA under Regulation 18.1, 200MW under Regulation 37.6(2), 250MW under Regulation 37.6(1), and 647.5MW under Regulation 37.6(1) under GNA Regulations, 2022 in line with CERC order dated 22/09/2023 in Petition No. 11/SM/2023].

vii. TPL was granted LTA of 800MW as a distribution licensee (Inside Region: 400MW & Outside Region: 400MW) through establishment of 3x315MVA, 400/132kV Nicol S/s which is interconnected with ISTS. Further, LTA for 100MW granted as a distribution licensee (Inside Region: 100MW & Outside Region: 100MW) to TPL (Surat) through establishment of 4x315MVA, 400/132kV ICTs at Sugen CCPP switchyard, which is interconnected with ISTS. The same is presently operational.

In the 21st and 22nd CMETS-WR meeting held on 29.08.2023 and 31.10.2023, respectively, M/s TPL(Ahmedabad) was granted GNA at 400kV Pirana (Torrent) & 400kV Nicol (Torrent) S/s and M/s TPL(Surat) was granted GNA at 400kV Sugen CCPP switchyard with the end date of **30.04.2026**. The applicants have now reapplied for GNA starting from **01.05.2026** onwards.

It is understood that the earlier granted GNA is being rolled over, with clear segregation between ISTS-connected and In-STS connected load. In view of the above, the applications are proposed for grant of GNA through the Existing Transmission System, as detailed below**:**

Drawl point for M/s TPL(Ahmedabad) for 800MW GNA (application no. 2200002629):

- TPL shall draw power from 3x315MVA, 400/132kV ICTs at Nicol(T) S/s (through Nicol(T) – Ranchhodpura (GETCO) 400kV & Nicol (T) – Pirana (PG) 400kV S/c lines) and through 4x315MVA, 400/132kV ICTs at Pirana(T) S/s (through LILO of Sugen – Pirana(PG) 400kV D/c line) – *Existing System*

Drawl point for M/s TPL(Surat) for 100MW GNA (application no. 2200002630):

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total Quantum (MW) of GNA Required	Start date of GNA	End date of GNA

- TPL shall draw power from 4x315MVA, 400/132kV ICTs at Sugen (TPL) switchyard, (which is interconnected with ISTS through Sugen – Pirana (T) – Pirana (PG) 400kV D/c line & LILO of Gandhar – Vapi 400kV line at Sugen) – *Existing System*

The matter may be deliberated

Sl. No.	Application ID	Name of the Applicant	Submission Date	Region	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	GNA sought (MW)	Start date of GNA	End date of GNA
3.	2200002962	Support Properties Private Limited	24-Dec-25	WR	Bulk consumer (including Green Hydrogen / Green Ammonia) seeking to connect to ISTS directly	418.0	0	418.0	01-12-2027	31-12-2051
4.	2200002964	Support Properties Private Limited	24-Dec-25	WR	Bulk consumer (including Green Hydrogen / Green Ammonia) seeking to connect to ISTS directly	74.0	0	74.0	01-01-2028	31-12-2051
5.	2200002965	Support Properties Private Limited	24-Dec-25	WR	Bulk consumer (including Green Hydrogen / Green Ammonia) seeking to connect to ISTS directly	174.0	0	174.0	01-02-2028	31-12-2051
6.	2200002966	Support Properties Private	24-Dec-25	WR	Bulk consumer (including Green Hydrogen / Green	152.0	0	152.0	01-03-2028	31-12-2051

		Limited			Ammonia) seeking to connect to ISTS directly					

- Applied for GNA_{RE}: No
- Nearest ISTS sub-stations: Navi Mumbai (GIS) S/s

M/s SPPL Applied for 700MW GNA vide 14 applications of 50MW each as a Bulk Consumer in July'24.

The applications were deliberated in the 32nd WR CMETS held on 24.09.2024, wherein it was agreed to grant GNA to all applications of M/s SPPL (cumulatively 700MW) at South Kalamb S/s through the following system with the start date of 01.01.2027 onwards:

Dedicated Transmission System for GNA:

Appl. No. 2200000833 (50MW):

- SPPL – South Kalamb 400kV D/c line along with associated bay at South Kalamb S/s end (at the cost of entity).
- 2 no. 400kV bays at SPPL switchyard (under the scope of SPPL).

Other applications:

- M/s SPPL, as per Reg. 17.3 of the GNA Regulations, 2022, shall share the Dedicated Transmission System for GNA identified for M/s SPPL against application no. 2200000833 for 50MW GNA as mentioned above.

Common Transmission System Augmentation for GNA:

Under Construction:

- Establishment of 765/400/220kV South Olpad (GIS) S/s with 2 x 1500MVA ICTs & 2x500 MVA ICTs
- Vadodara – South Olpad(GIS) 765kV D/c line
- Ahmedabad – South Olpad(GIS) 765kV D/c line
- Establishment of 765/400/220kV Boisar-II (GIS) S/s with 4 x 1500MVA ICTs & 2x500 MVA ICTs
- South Olpad – Boisar-II 765kV D/c line
- LILO of Navsari (New) – Padghe (PG) 765kV D/c line at Boisar-II

- Boisar-II (Sec-II) – Velgaon (MH) 400 kV D/c
- LILO of Babhaleswar – Padghe (M) 400 kV D/c line at Boisar-II (Sec-I)
- Establishment of 765/400/220kV Pune-III (GIS) S/s with 3 x1500 MVA ICTs & 3x500MVA ICTs
- Boisar-II – Pune-III 765kV D/c line
- LILO of Narendra (New) – Pune(GIS) 765kV D/c line at Pune-III

Details of GNA granted are given below:

Sl.	Application no.	Name of Applicant	Submission Date	GNA or GNA-RE	GNA Start date requested by Applicant	GNA granted (MW)	ISTS connectivity substation	Date of GNA Intimation	Start Date of GNA
1.	2200000833	SUPPORT PROPERTIES PRIVATE LIMITED	30-May-24	GNA	01-Jan-27	50	South Kalamb S/s	24-Oct-24	01-Jan-27
2.	2200000950	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-Apr-27	50	South Kalamb S/s	24-Oct-24	01-Apr-27
3.	2200000966	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-May-27	50	South Kalamb S/s	24-Oct-24	01-May-27
4.	2200000949	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-Jun-27	50	South Kalamb S/s	24-Oct-24	01-Jun-27
5.	2200000965	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-Aug-27	50	South Kalamb S/s	24-Oct-24	01-Aug-27
6.	2200000963	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-Dec-27	50	South Kalamb S/s	24-Oct-24	01-Dec-27
7.	2200000964	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-Apr-28	50	South Kalamb S/s	24-Oct-24	01-Apr-28
8.	2200000962	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-Jul-28	50	South Kalamb S/s	24-Oct-24	01-Jul-28

9.	2200000961	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-Oct-28	50	South Kalamb S/s	24-Oct-24	01-Oct-28
10.	2200000960	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-Feb-29	50	South Kalamb S/s	24-Oct-24	01-Feb-29
11.	2200000959	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-May-29	50	South Kalamb S/s	24-Oct-24	01-May-29
12.	2200000957	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-Sep-29	50	South Kalamb S/s	24-Oct-24	01-Sep-29
13.	2200000952	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-Jan-30	50	South Kalamb S/s	24-Oct-24	01-Jan-30
14.	2200000951	SUPPORT PROPERTIES PRIVATE LIMITED	02-Jul-24	GNA	01-May-30	50	South Kalamb S/s	24-Oct-24	01-May-30

Accordingly, CTUIL vide letter dtd.20/03/2025 relinquished the 700MW GNA with immediate effect in line with GNA Regulations, 2022.

Subsequently, M/s SPPL vide letter dtd.22/01/2025 requested for the cancellation of the entire GNA. Taking **cognizance of the cancellation request of M/s SPPL, the South Kalamb S/s (approved in the 20th NCT Meeting held on 25.06.2024 and Gazette Notification issued on 21.08.2024) was decided to be linked with 1150MW Bhivpuri PSP (i.e. 01.01.2028) without linking it with the requirement of SPPL's applications (i.e., 24 months), and the scheme was awarded with SCOD of 01.01.2028:**

- Establishment 2x1500 MVA, 765/400 kV Substation near South of Kalamb
- LILO of Pune-III – Boisar-II 765 kV D/c line at South Kalamb S/s with associated bays at South Kalamb S/s

Subsequently, on 04.04.2025, M/s SPPL vide its letter requested to withdraw their previous letter dated 22.01.2025 and sought continuation of the GNA applications. The letter requesting the withdrawal of the GNA cancellation request and reinstatement of the GNA was not accepted, as once the GNA stands relinquished, there are no such Regulatory provisions for reinstatement of the GNA. SPPL approached the Hon'ble Commission (vide petition no. 451/MP/2025), and the matter got subjudice.

Subsequently, CERC in order dated 14.02.2026 has held that:

"28. …Accordingly, we are of the considered view that the case is fit for consideration. We note that the provision of Conn-BGs under the GNA Regulations has been made to ensure that utilisation of the GNA grant commences as per the stipulated timeline. As per regulation, relinquishment would have caused encashment of BG amount of Rs 21 crore; however, in this case ***Commission allows the withdrawal request of Relinquishment of the petitioner with notional charge of 10% of BG amount, relaxing Regulatory provisions in order to encourage this emerging sector of Data Centres.***

29. As discussed above, we are of the view that Petitioner should be allowed to continue with 700 MW GNA granted vide different 14 GNA grants by CTUIL, with subsisting Conn BGs already furnished in terms of such grants. Accordingly, ***CTUIL is directed to reinstate/ restore the GNA of the Petitioner in accordance with the revised SCOD of the transmission system after the Petitioner deposits a notional charge of 10% of the BG amount****…*

31. To summarise, considering the discussions above, we are of the view that Petitioner is allowed to continue with its 700 MW GNA with a revised start date, subject to submission of an amount equivalent to 10% of the total ConnBG amount and compliance with the GNA Regulations."

Accordingly, above connectivities granted to SPPL shall be re-instated in accordance with the revised SCOD of the transmission system (i.e. 01.01.2028) after the Petitioner deposits a notional charge of 10% of the BG amount. Hence, start date of GNA of grants at Sl. 1 to 6 in table above shall be modified to 01.01.2028 (matching with revised SCOD of the transmission system (i.e. 01.01.2028)).

New Applications from SPPL:

Subsequently, SPPL has applied for 818MW cumulatively through the above applications.

No additional transmission system is required to be implemented under ISTS for subject GNA applications, other than the ISTS system, which is already under implementation as part of various schemes.

GNA is proposed to be granted to SPPL at South Kalamb S/s through the following system:

Dedicated Transmission System for GNA:

M/s SPPL as per Reg. 17.3 of the GNA Regulations, 2022, shall share the Dedicated Transmission System for GNA identified for M/s SPPL against application no. 2200000833 for GNA for 50MW as given below:

- SPPL – South Kalamb 400kV D/c line along with associated bay at South Kalamb S/s end (at the cost of the entity).
- 2 no. 400kV bays at SPPL switchyard (under the scope of SPPL).

Common Transmission System Augmentation for GNA:

- **Under Implementation:**

Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW)

Part B (Powergrid)

- Establishment of 765/400/220kV South Olpad (GIS) S/s
- Vadodara – South Olpad 765kV D/c line
- LILO of Gandhar – Hazira 400 kV D/c line at South Olpad (GIS)
- Ahmedabad – South Olpad (GIS) 765kV D/c line

Part C (Sterlite)

- Establishment of 765/400/220kV Boisar-II (GIS) S/s
- South Olpad – Boisar-II 765kV D/c line
- LILO of Navsari (New) – Padghe (PG) 765kV D/c line at Boisar-II
- Boisar-II (Sec-II) – Velgaon (MH) 400 kV D/c
- LILO of Babhaleshwar – Padghe (M) 400 kV D/c line at Boisar-II (Sec-I)

Part D (Adani)

- Establishment of 765/400/220kV Pune-III (GIS) S/s
- Boisar-II – Pune-III 765kV D/c line
- LILO of Narendra (New) – Pune (GIS) 765kV D/c line at Pune-III
- LILO of Hinjewadi-Koyna 400 kV S/c line at Pune-III (GIS) S/s

Network Expansion scheme in Western Region to cater to Pumped storage potential near Talegaon (Pune)

- Establishment 2x1500 MVA, 765/400 kV Substation near South of Kalamb with 2x330 MVAR, 765 kV bus reactor and 2x125 MVAR, 420 kV bus reactor
- LILO of Pune-III – Boisar-II 765 kV D/c line at South Kalamb S/s

Under Bidding

Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-5: 6 GW) [Barmer Complex] Barmer-II: 6 GW (Solar)

- Establishment of 6000 MW, ± 800kV South Kalamb S/s (HVDC) [LCC] terminal station (4x1500 MW) at a suitable location near South of Kalamb

- ±800 kV HVDC Bipole line (Hexa lapwing) between Barmer-II (HVDC) & South Kalamb (HVDC) (with parallel Dedicated Metallic Return) (capable of evacuating 6000MW) [with 100% reverse power capability]

- Augmentation of South Kalamb S/s by 4x1500MVA, 765/400kV ICTs (3 on 400kV & 765kV Section-II & 1 No. on 400kV & 765kV Section-I) along with 2x330 MVAR, 765 kV bus reactor & 2x125 MVAR, 420 kV bus reactor on Section-II.

Matter may be deliberated.

7. Rearrangement of connectivity across different terminal bay(s) of the Bhuj-II ISTS substation, pursuant to the request made by M/s ABREL (RJ) Projects Limited

a) The application of M/s ABREL (RJ) Projects Ltd. Application No. 2200000288 was discussed in 1st sitting of 22nd CMETS-WR, where it was agreed to grant Connectivity for 314MW for its proposed RE power plant in Kutch, Gujarat through 1 no. 220kV line bay at Bhuj-II PS section-II, to be implemented under the scope of ISTS.
b) Later, Final grant of connectivity intimation dated 20th June 2025 was issued to applicant for its 314 MW wind-solar hybrid power project to be connected at ISTS Bhuj-II, Gujarat. **Bay No. 217 (on section II) at Bhuj-II PS** was allocated to M/s ABREL(RJ).

c) The above application was granted with below Augmentation (other than ATS) as per details below -

"*Augmentation of transformation capacity at Bhuj-II PS (GIS)*" (Part System)- Under Implementation (under ISTS) by POWERGRID Bhuj Transmission Limited:

- Augmentation of transformation capacity at Bhuj-II PS (GIS) by 2x500 MVA, 400/220 kV ICT (5th & 6th) and by 1x1500 MVA, 765/400 kV ICT (3rd).

The SCOD of the above system is **24.11.2026.**

SCOD of 220kV line bay at Bhuj-II PS is also **24.11.2026,** which is under implementation as the part of the above transmission scheme

d) On 2.9.2021, CTUIL sent an intimation of the grant of the 300 MW Stage II Connectivity to Inox Wind Infrastructure Services Limited (IWISL) (Appl. No. 1200003353) for its proposed 300 MW Wind Power Plant at Kutch, Gujarat and allocated **Bay No. 204 (on Section-I)** at Bhuj II PS to the applicant, implemented under the scope of ISTS.

Later, the name of the applicant was changed from Inox Wind Infrastructure Services Limited to Inox Green Energy Services Limited. CTUIL vide letter dated 20.1.2023 made effective the LTA for the 300 MW w.e.f. 1.2.2023, after commissioning of the identified transmission system for the LTA.

Later, IWISL was granted deemed GNA for the 300 MW under Regulation 18.1 of the GNA Regulations. CTUIL, vide letter dated 24.1.2025, issued a notice requiring the update of information regarding the commissioning of the 300 MW capacity, or the extended SCOD, or delayed commissioning permitted by REIA. The notice stipulates that such information must be furnished within 15 days of its issuance, for appropriate action in terms of Regulation 24.6.

On 10.3.2025, CTUIL revoked the 300 MW connectivity and deemed GNA, citing non-commissioning of the capacity within the prescribed timeline and referencing prior notices. Subsequently, CERC in order dated 17.11.2025 in Petition No. 428/MP/2024 and 45/IA/2025 has upheld the revocation of connectivity by CTUIL.

e) Now that the above **Bay No. 204 (on Section-I)** at Bhuj II PS has become vacant, M/s ABREL (RJ) Projects Ltd vide letter dated 28th Nov 2025 has requested for rearrangement of connectivity across different terminal bay(s) of same ISTS substation, towards final grant of connectivity intimation no. CTU/WR/CONN-INT-1C/2200000288 dated 20th June 2025, quoting the following Regulation:

As per CERC GNA regulation 2022,

> ***11.4.*** *For optimal utilisation of transmission system, the Nodal Agency with consent of the concerned Connectivity grantee(s), may rearrange the Connectivity across different terminal bay(s) of the same ISTS substation.*

In light of the above, M/s ABREL(RJ) has requested consideration under Regulation 11.4 for the rearrangement of connectivity across different terminal bay(s) of the same ISTS substation. Specifically, they propose that the terminal bay corresponding to the cancelled connectivity of Inox be utilized for their project. This arrangement would facilitate commissioning of the project, ensure productive use of the now vacant bay, and promote optimal utilisation of the transmission system.

f) It may be noted that Bhuj PS and Bhuj-II PS have been planned for power evacuation from the Bhuj complex. Connectivity of certain few RE generators has been revoked at both the Pooling Stations, and their reallocation is to be undertaken as per provisions of the 3rd Amendment of GNA Regulations.

g) However, as the re-allocation procedure is yet to be finalized, the matter may be deliberated to consider applicant's request under Regulation 11.4, concerning re-arrangement of bays within the same substation (Bhuj-II PS). This would enable optimal and early utilization of the vacated 220kV bay of M/s Inox [Bay No. 204 (on Sec-I)], subject to the views / consent of all RE developers in Bhuj complex (Bhuj PS & Bhuj-II PS), whose generation capacity is yet to be commissioned (even partly) and whose applications are received up to the date of receipt of application of M/s ABREL(RJ), in order of priority by date of application.

The 220kV bay of M/s ABREWL(RJ) shall remain available for re-allocation, as and when the exercise is carried out after the subject re-arrangement.

Further, the proposed rearrangement shall not result in any change to the firm start date of connectivity, details of CTS, or other details as specified in the final grant and liability for payment of transmission charges [including that of Bay No. 217 (on Section-II) at Bhuj II PS] shall remain unchanged.

h) The list of applications in Bhuj complex which are yet to get commissioned (i.e. which are yet to commission even part capacity as per status updated in 50th JCC meeting held in Dec-25) up to the date of receipt of application of M/s ABREL(RJ), in order of priority as per date of application are given below:

Sl. No.	Name of Applicant (Organization)	Stage-II/ GNA application number	RE Pooling Station	Stage-II Appl. Date	Present Connectivity
	Bhuj-II PS Section-1				
1	Inox Green Energy Services Ltd. (Formely Inox Wind Infrastructure Services Ltd)	1200003353	Bhuj-II PS(GIS)	26-Jul-21	0 (Revoked)
2	NTPC Renewable Energy Limited	2200000076	Bhuj-II PS(GIS)	5-Jun-23	300
3	NTPC Renewable Energy Limited	2200000084	Bhuj-II PS(GIS)	9-Jun-23	150
4	NTPC Renewable Energy Limited	2200000154	Bhuj-II PS(GIS)	13-Jul-23	200
5	SJVN Green Energy Limited	2200000204	Bhuj-II PS(GIS)	25-Aug-23	360
	Bhuj PS				
6	NTPC Renewable Energy Limited	2200000218	Bhuj PS	6-Sep-23	155 (Under advanced stage of commissioning)
	Bhuj-II PS Section-2				
1	ABREL (RJ) Projects Limited	2200000288	Bhuj-II PS(GIS)	30-Sep-23	314

The various connectivity grantees may provide their views / consent for utilization of the vacated Bay No. 204 at Bhuj-II PS (Sec-I).

Matter may be deliberated.

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