



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/00/37th CMETS-WR

Date: 16.07.2025

As per distribution list

Subject: Minutes of the 37th Consultation Meeting for Evolving Transmission Schemes in Western Region held on 23.06.2025 -reg.

Sir,

Please find enclosed the minutes of 37th Consultation Meeting for Evolving Transmission Schemes in Western Region held on 23.06.2025 through video conferencing.

The minutes are also available at our website ([>>IST S Planning and Coordination>>Consultation Meetings for IST S](http://www.ctuil.in)).

Thanking you,

Yours faithfully,

(Partha Sarathi Das)
Sr. 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

37th CMETS-WR Applicants (With request to note the Advisory regarding submission of study analysis report by Co-located Hybrid power projects)

<p>Neeraj Khandekar APRAAVA ENERGY PRIVATE LIMITED Application no: 2200001841 7th Floor, FULCRUM, Sahar Road, Andheri (East), Mumbai - 400 099. India. neeraj.khandekar@apraava.com gopal.eti@apraava.com 8433723582</p>	<p>ATUL PARMAR TERRA CLEAN LIMITED Application no: 2200001894 NBCC COMMERCIAL SPACE, 10 FLR, Tower 2, Kidwai NGR, Sarojni Nagar, South West Delhi, Delhi ajparmar@indianoil.in sajal@indianoil.in 8588898010</p>
<p>Yogesh Kumar Sanklecha ACME SOLAR HOLDINGS LIMITED Application no: 2200001853 Plot No.: 152 Sector 44, Gurugram- 122002, (Haryana) India yogesh@acme.in apradhan@acme.in 8744060601</p>	<p>Rajesh Sodhi ACME CLEANTECH SOLUTIONS PRIVATE LIMITED Application no: 2200001852 Plot No. 152, Sector-44, Gurugram, Haryana 122002, India rajesh.sodhi@acme.in yogesh@acme.in 9811633237</p>
<p>Arzaan Dordi SERENTICA RENEWABLES INDIA PRIVATE LIMITED Application no:2200001911 9th Floor, Block B DLF Cyber Park, Udyog Vihar Okhla Industrial Estate, Road, Phase III, Sector 20, Gurugram, Haryana 122008 arzaan.dordil@serenticaglobal.com aakanksha.bhisikar@serenticaglobal.com 7057027894</p>	<p>BALKRISHAN SHARMA SINTEX INDUSTRIES LIMITED Application no: 2200001983 Sintex Industries Limited (Yarn Division), Plot No. 181, 190,191,192, 196 to 209, At Village Lunsapur, Ta.- Jafrabad, Dist-Amreli-365540, Gujarat- India. balkrishan.sharma@siltex.co.in mukesh.rathod@ril.com 9909905473</p>
<p>Amish Jain ARYAN RENEWABLE ENERGY PRIVATE LIMITED Application no:2200001920 7th Floor Office Tower, Ambience Mall, NH-8, Gurgaon - 122002, Haryana amish.jain@acbindia.com manoj.kumar@acbindia.com 9873787516</p>	<p>Mohammad Farrukh Aamir PURVAH GREEN POWER PRIVATE LIMITED Application no:2200001971 6th Floor, MGF Corporate Park, Saket, Delhi farrukh.aamir@rpsg.in sandeep.kashyap@rpsg.in 9911299530</p>

<p>HUSAINUDDIN AAMIR QAZI SYED POWERICA LIMITED Application no:2200001948 9th Floor, Godrej Colesium, C-Wing, Sion-Trombay Road, Sion, Mumbai - 400022</p> <p>aamir.qazi@powericaltd.com riya.narielwala@powericaltd.com 9167210750</p>	<p>Mohammad Farrukh Aamir PURVAH GREEN POWER PRIVATE LIMITED Application no:2200001972 7th Floor, MGF Corporate Park, Saket, Delhi</p> <p>farrukh.aamir@rpsg.in sandeep.kashyap@rpsg.in 9911299531</p>
<p>Mukesh Rathod RELIANCE INDUSTRIES LIMITED Application no:2200001961 Reliance Corporate Park (RCP) Mukesh Rathod Building 7B, Second Floor, CA 31, Thane-Belapur Rd, MIDC Industrial Area, Ghansoli, Navi Mumbai, Maharashtra 400701</p> <p>mukesh.rathod@ril.com ashok3.singh@ril.com 8433972698</p>	<p>Saurabh Kumar Singh WYN RENEWABLES PROJECT 5 PRIVATE LIMITED Application no:2200001980 First Floor, Eastern Wing, Thapar House, 124, Janpath, Delhi</p> <p>saurabh.kumarsingh@edf-re.in rohan.kale@edf-re.in 8978380290</p>
<p>Mukesh Rathod RELIANCE INDUSTRIES LIMITED Application no:2200001960 Reliance Corporate Park (RCP) Mukesh Rathod Building 7B, Second Floor, CA 31, Thane-Belapur Rd, MIDC Industrial Area, Ghansoli, Navi Mumbai, Maharashtra 400701</p> <p>mukesh.rathod@ril.com ashok3.singh@ril.com 8433972698</p>	<p>Nikhil Hareshbhai Savaliya ONIX RENEWABLE LIMITED Application no:2200001939 Plot No. 212/B, Gate No. 2, Lodhika G.I.D.C., Metoda, Rajkot-360021, Gujarat, India.</p> <p>tender@onixgroup.in nikunj.donga@onixgroup.in 9909030101</p>
<p>Vaibhav Kapoor ADITYA BIRLA RENEWABLES LIMITED Application no:2200001966 8th Floor, Parsvnath Capital Towers, Bhai Vir Singh Marg, New Delhi</p> <p>vaibhav.kapoor@adityabirla.com rajuram.choudhary@adityabirla.com 9810613998</p>	<p>PAVAN JUNIPER GREEN ENERGY PRIVATE LIMITED Application no:2200001957 Plot No. 18, 1st Floor, Institutional Area, Sector - 32, Gurgaon, Haryana - 122001, Haryana, India</p> <p>pavan.gupta@junipergreenenergy.com bd@junipergreenenergy.com 8953257859</p>

ANIMESH MANNA NTPC RENEWABLE ENERGY LIMITED Application no:2200001977 NETRA Building, E-3, Ecotech-II, Udyog Vihar, Greater Noida, PIN - 201306 amanna@ntpc.co.in djoshi@ntpc.co.in 9650990207	Yogesh Kumar Sanklecha ACME SOLAR HOLDINGS LIMITED Application no:2200001954 Plot No. 152, Sector-44, Gurugram, Haryana 122002, India yogesh@acme.in apradhan@acme.in 9911299514
ANIMESH NTPC RENEWABLE ENERGY LIMITED Application no:2200001976 NETRA Building, E-3, Ecotech-II, Udyog Vihar, Greater Noida, PIN - 201306 amanna@ntpc.co.in djoshi@ntpc.co.in 9650990207	Manish Tyagi JINDAL GREEN PSP 1 PRIVATE LIMITED Application no:2200001988 Manish Tyagi, 2nd floor, 12, Jindal Centre, Bhikaji Cama place, New Delhi manish.tyagi@jindalrenewables.com Vikrant.tyagi@jindalrenewables.com 7983718220
Rajesh Kumar Gupta ADANI GREEN ENERGY LIMITED Application no:2200002012 6th floor, CT Tower-1, Inspire Business Park, Opp. Adani Corporate House, Nr. Vaishnodevi Circle, Khodiyar, Ahmedabad. 382421 rajesh.gupta@adani.com mahendrasingh.dabi@adani.com 9099055681	Rajesh Kumar Gupta ADANI GREEN ENERGY LIMITED Application no:2200002011 6th floor, CT Tower-1, Inspire Business Park, Opp. Adani Corporate House, Nr. Vaishnodevi Circle, Khodiyar, Ahmedabad. 382421 rajesh.gupta@adani.com mahendrasingh.dabi@adani.com 9099055681
K A VISHWANATH TEQ GREEN POWER XVII PRIVATE LIMITED Application no:2200001967 8th Floor, DLF Square, Jacaranda Marg, DLF Phase-2, Sector-25, Gurugram, Haryana-122002 pe5@o2power.in ka.vishwanath@o2power.in 9911917083	Sunil Kumar Singh SARJAN REALITIES PRIVATE LIMITED Application no:2200002008 5th Floor, Godrej Millennium, 5th Floor, 9, Koregaon Park, Vasani Nagar, Pune, Maharashtra-411001, India sunil.singh@sorigin.com nikhil.patil@sorigin.co 9560858999

1. Processing of new applications received under GNA Regulations, 2022

1. Applications received till Mar'25 requiring deliberations in CMETS-WR for finalization

A. Applications for Connectivity to ISTS under Regulation 4.1, 4.2, 5.6, and 5.7

Dec'24 Application

Sl. No.	Application No – Date – Fuel Source – Eligibility Criteria	Name of the Applicant	Nature of the Applicant	Project Location	Connectivity Location	Quantum (MW)	Connectivity Start Date (Requested & Actual)	Dedicated Transmission System for Connectivity	Associated Transmission System for GNA	Common Transmission System Augmentation	BG Details & Remarks (if any)
1.	2200001581 20.12.24- Wind- Land BG Route	Avaada Energy Private Limited	(i) Generating station(s), including REGS(s), without ESS	Tisgaon, Dhar, Madhya Pradesh	Rajgarh	200	30-06-2027 Rev: 31.08.2027 (as informed vide e-mail dated 02.07.2025)	<ul style="list-style-type: none"> AEPL – Rajgarh (PG) 220kV S/c line along with associated bay at Generator end (Under the scope of applicant) 220kV GIS line bay at Rajgarh 400/220kV (PG) S/s (on extended bus) for RE interconnection under ISTS (as per request of applicant) 	NA	<ol style="list-style-type: none"> 1x500MVA, 400/220kV ICT (4th) at Rajgarh S/s (on the sectionalized 220kV bus) along with associated bays at both ends (400kV AIS & 220kV GIS) 220kV bus extension (GIS) of Rajgarh (PG) 400/220 kV S/s along with 220kV Bus Coupler Bay for extended bus (under the scope of ISTS) 	<ul style="list-style-type: none"> •ConnBG-1: 0.5 Cr •Conn-BG-2: Rs. 3 Cr. •Conn-BG-3: 4 Cr.

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Mar'25 Applications

Sl. No.	Application No – Date – Fuel Source – Eligibility Criteria	Name of the Applicant	Nature of the Applicant	Project Location	Connectivity Location	Quantum (MW)	Connectivity Start Date (Requested & Actual)	Dedicated Transmission System for Connectivity	Associated Transmission System for GNA	Common Transmission System Augmentation	BG Details & Remarks (if any)
1	2200001841 12-03-2025 Wind Land BG Route	Apraava Energy Private Limited	(i) Generating station(s), including REGS(s), without ESS	Khakharda, Dev Bhoomi Dawrka, Gujarat	Jam Khambhaliya PS-220 kV bay no 201	50.0	Requested 31-05-2028	36th CMETS-WR: <ul style="list-style-type: none"> Applicant stated that they wish to come on sharing basis at Jam Khambhaliya PS-II with some other applicant and would revert in next meeting after discussions with interested applicants. With this, total connectivity at Jam Khambhaliya-II would reach 4485.8MW. 37th CMETS-WR: <ul style="list-style-type: none"> Applicant stated that they would like to withdraw the application for which a formal request would be made after the meeting. It was decided to close the application based on request of the applicant. Formal request has been made by applicant vide e-mail dated 03.07.2025. 			

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2	2200001894 29-03-2025 Hybrid(RHGS) Land BG Route	Terra Clean Limited	(i) Generating station(s), including REGS(s), without ESS	Bhachau, Kutch, Gujarat	Lakadia-II	249.1 (Revised) (165.4 MW Solar and 83.7 MW Wind) 350.0 (Original) (Wind- 200MW and Solar- 150MW)	Requested 31-03-2027 Actual: 31-12-2027 (Expected) (With availability of CTS)	<p>36th CMETS-WR:</p> <ul style="list-style-type: none"> Margin for complete 350MW would be available if M/s Terra clean comes on sharing basis with any one of the RE applications of M/s RIL on 400kV Sec-I at Lakadia-II. Applicant requested for some time to revert on the issue. Matter shall be deliberated again in next meeting. <p>37th CMETS-WR:</p> <ul style="list-style-type: none"> It was informed that a margin of 249.1MW is available at Lakadia-II PS 220kV Sec-I after revocation of connectivity granted to M/s Percentum Renewables Pvt. Ltd. (2200000911) M/s TCL was requested to inform their preferred option for connectivity i.e. at 400kV level (on sharing basis with M/s RIL) or at 220kV level (on sharing basis with M/s Teq Green (120.9MW)). Applicant stated that they will come on 220kV level only. Further, if they are to utilise complete 249.1MW capacity available at 220kV level of Lakadia-II PS, sharing with M/s Teq Green would make compliance with Grid standards difficult as the total capacity would become as high as 370MW. Moreover, Lakadia-II PS is still under approval stage and hence, its location would also have profound impact on transfer capability of the DTL of M/s Teq Green. Representative of M/s Teq Green re-iterated similar concerns. Applicant stated that they are ready for implement a separate bay (under applicant scope) on 220kV Sec-I of Lakadia-II PS. It was deliberated that space for 1 no. 220kV bay shall be made available in the substation on Sec-I and applicant shall implement the bay by themselves. After deliberations, it was agreed to grant connectivity to applicant as per details below: Details of DTL are given below: <ul style="list-style-type: none"> TCL – Lakadia-II 220kV S/c line with associated bays at both ends (under scope of applicant) ConnBG-1: 0.5 Cr Conn-BG-2: Nil Conn-BG-3: 4.982 Cr. Details of CTS are given below:
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Common Transmission System Augmentation (Lakadia-II):

A. Under Implementation (under ISTS):

- 1. Transmission Scheme for evacuation of 4.5GW RE injection at Khavda PS under Phase-II, Part-B (Khavda II-B Transmission Ltd. - POWERGRID) (SCOD: 21/03/2025):**
 - Lakadia PS – Ahmedabad 765kV D/c line
- 2. Transmission Scheme for evacuation of 4.5GW RE injection at Khavda PS under Phase-II, Part-C (Khavda II-C Transmission Ltd. - POWERGRID) (SCOD: 21/03/2025):**
 - Establishment of 3x1500MVA 765/400 kV Ahmedabad S/s
 - Ahmedabad – Navsari (New) 765 kV D/c line
- 3. Transmission Scheme for evacuation of 4.5GW RE injection at Khavda PS under Phase-II, Part-D (TPGL) (SCOD: 21/03/2025):**
 - LILO of Pirana (PG) – Pirana (T) 400kV D/c line at Ahmedabad S/s along with reconductoring of Pirana (PG) – Pirana (T) 400kV D/c line
- 4. Transmission Scheme for evacuation of additional 7 GW of RE Power from Khavda RE Park under Phase III Part A (Part System) (Halvad Transmission Ltd. – AESL) (SCOD: 26/12/2025):**
 - Establishment of 765 kV Halvad switching station
 - LILO of Lakadia – Ahmedabad 765 kV D/c at Halvad
- 5. Transmission Scheme for evacuation of additional 7 GW of RE Power from Khavda RE Park under Phase-III, Part-B (Vataman Transmission Ltd. – POWERGRID) (SCOD: 26/12/2025):**
 - Establishment of 765 kV switching station near Vataman
 - Halvad – Vataman 765 kV D/c line
 - LILO of Lakadia – Vadodara 765 kV D/c line at Vataman
 - Vataman switching station – Navsari (New) 765 kV D/c line
- 6. Transmission System for evacuation of power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW), Part-B (South Olpad Transmission Ltd. – POWERGRID) (SCOD: 15/10/2026):**
 - Establishment of 765/400/220kV South Olpad (GIS) S/s with 2x1500MVA 765/400kV ICTs.
 - Vadodara – South Olpad (GIS) 765kV D/c line

- LILO of Gandhar – Hazira 400 kV D/c line at South Olpad (GIS) using twin HTLS conductor with minimum capacity of 2100 MVA per ckt at nominal voltage
- Ahmedabad – South Olpad (GIS) 765kV D/c line

7. Transmission System for evacuation of power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW), Part-C (part system) (Khavda IV C Power Transmission Ltd. – SG38L) (SCOD: 15/10/2026):

- Establishment of 765/400/220kV Boisar-II (GIS) S/s with 4x1500MVA ICTs & 2x500MVA ICTs
- South Olpad (GIS) – 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)

8. Transmission System for evacuation of power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW), Part-D (part system) (Pune Transmission Ltd. – AESL) (SCOD: 19/11/2026):

- Establishment of 765/400/220kV Pune-III (GIS) S/s with 2x1500 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
- LILO of Hinjewadi – Koyana 400kV S/c line at Pune III (GIS) S/s

B. Under Approval (under ISTS):

- Establishment of 765/400 kV, 6x1500MVA & 10x500MVA, 400/220kV Lakadia-II (Near Chitrod) with 2x330 MVAR 765kV bus reactor and 2x125 MVAR 400kV bus reactor.
- ±400 MVAR STATCOM on each 400kV Bus section of Lakadia-II
- Lakadia-II – Ahmedabad 765kV D/c line (180km.)
- Lakadia-II – Vataman 765kV D/c line (220km.)
- Augmentation of transformation capacity at South Olpad (GIS) S/s by 1x1500MVA, 765/400kV (3rd) ICT
- Vadodara(GIS) – Halvad 765kV D/c line to be terminated into Lakadia – Halvad 765kV D/c line (near Halvad S/s) so as to form Lakadia – Vadodara(GIS) 765kV D/c line
- Establishment of 765/400 kV, 3x1500MVA & 400/220kV, 3x500MVA Nasik S/s (towards South of Nasik) with 2x330 MVAR 765kV bus reactor and 2x125 MVAR 400kV bus reactor.
- Navsari(New) – Nasik 765kV D/c line (190km.)
- Nasik – Pimpalgaon (MSETCL) 400kV D/c line (Quad ACSR/AAAC/AL59 moose equivalent) (~50km.) (*Line to be routed from near Sinner TPP / Raymond i.e. from eastern side of Nasik*).
- Establishment of 765/400 kV, 2x1500MVA & 400/220kV, 3x500MVA Alephata S/s with 2x330 MVAR 765kV bus reactor and 2x125 MVAR 400kV bus reactor.

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Sl. No.	Application No – Date – Fuel Source – Eligibility Criteria	Name of the Applicant	Nature of the Applicant	Project Location	Connectivity Location	Quantum (MW)	Connectivity Start Date (Requested & Actual)	Dedicated Transmission System for Connectivity	Associated Transmission System for GNA	Common Transmission System Augmentation	BG Details & Remarks (if any)
	<ul style="list-style-type: none"> Alephata – Lonikand-I 400kV D/c line (Quad ACSR/AAAC/AL59 moose equivalent) (~80km.) LILO of A'bad – Pune(GIS)(Shikrapur) 765kV line and Padghe(GIS) – Pune(GIS) 765kV line at Alephata S/s (LILO route length ~ 20km.) Nasik – Alephata 765kV D/c line (~100km.) 										
3	2200001840 15-03-2025 Solar LOA(NTPC)	Avaada Energy Private Limited	(i) Generating station(s), including REGS(s), without ESS	Norawali Kheron, Morena, Madhya Pradesh	Morena PS	750.0	31-12-2027 (with availability of CTS)	36th CMETS-WR: <ul style="list-style-type: none"> Applicant stated that they would like to withdraw the application. The application was decided to be closed based on the request of applicant. 37th CMETS-WR: <ul style="list-style-type: none"> It was informed that M/s Avaada, vide e-mail dated 19.06.2025, have requested to retain the connectivity application and are ready to forego the priority for the allocation for applicants already made/agreed for grant in the due process. Representative of M/s Avaada stated that they have reviewed the situation at Morena and they are interested in keeping the connectivity application at 400kV bay of Morena S/s. It was informed that in the last meeting applications for only 1250MW were agreed for grant at Morena PS and hence, the application of M/s Avaada would not have any impact on priority of other applicants as system is planned for 2500MW. After deliberations, it was agreed to grant connectivity to applicant as per details below: Details of DTL are given below: <ul style="list-style-type: none"> AEPL – Morena PS 400kV S/c line with associated bays at generation end (under scope of applicant) 400kV Bay at Morena PS is being implemented under ISTS (as part of Morena PS, which is under bidding process) ConnBG-1: 0.5 Cr Conn-BG-2: 6 Cr. Conn-BG-3: 15 Cr. Details of CTS are given below: 			

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B. Application for addition of Generation Capacity including ESS within the quantum of connectivity granted under Regulation 5.2

Mar'25

Sl. No.	Application ID	Name of the Applicant	Nature of Applicant	Submission Date & Time	Region	Project Location	Connectivity location	Planned additional capacity (MW)	Date from which additional generation capacity will be added
1.	2200001852 (Revised Application)	ACME Cleantech Solutions Private Limited	(i) Generating station(s), including REGS(s), without ESS	18-03-2025 15:39:56	WR	Village Garrawad, Mandsaur	Mandsaur	BESS: 150 (600MWhr as clarified in 36th CMETS-WR)	31-03-2027 With the availability of CTS Augmentation for connectivity under GNA of Appl. No. 2200000924

- Energy Source: Solar
- Application number of already granted Connectivity: 2200000924
- Cumulative Connectivity granted: 150 MW (Solar)
- Owner of additional generation capacity: Self

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36th CMETS-WR:

The above enhancement was proposed to be granted and M/s ACMECSPL was requested to note that the net injection at any point of time shall not exceed the quantum of total Connectivity granted to the existing Connectivity grantee i.e., M/s ACMECSPL (Appl. No. 2200000924) for 150MW. Further, M/s ACMECSPL (Appl. No. 2200000924) shall be responsible for compliance with the Grid Code and other regulations of the Central Commission for the above additional generation capacity as 'Lead generator' in terms of clause (y)(ii) of Regulation 2.1. Further, M/s ACMECSPL shall submit the technical connection data i.r.o. above additional capacity for checking necessary compliances at the earliest so as to provide sufficient time for ensuring necessary compliances

Applicant requested to process their application in next meeting. It was decided to consider the application again in next meeting.

37th CMETS-WR:

Applicant stated that they are withdrawing the application for which formal request will be made after the meeting. It was decided to close the application as per the request of applicant. Subsequently, applicant vide letter dated 24.06.2025 has formally withdrawn the application.

Sl. No.	Application ID	Name of the Applicant	Nature of Applicant	Submission Date & Time	Region	Project Location	Connectivity location	Planned additional capacity (MW)	Date from which additional generation capacity will be added
2.	2200001853 (Revised Application)	ACME Solar Holdings Limited	(i) Generating station(s), including REGS(s), without ESS	18-03-2025 16:03:16	WR	Golgam, Banashkatha	Raghanesda	BESS: 300	31-03-2027 Revised 30-06-2027 (Starting date as per the original grantee, With the availability of CTS Augmentation for connectivity under GNA of Appl. No. 2200001064)

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- Energy Source: Solar
- Application number of already granted Connectivity: 2200001064
- Cumulative Connectivity granted: 400 MW (Solar)
- Owner of additional generation capacity: Self

36th CMETS-WR:

The above enhancement was proposed to be granted and M/s ACMESHL is requested to note that the net injection at any point of time shall not exceed the quantum of total Connectivity granted to the existing Connectivity grantee i.e., M/s ACMECSPL (Appl. No. 2200001064) for 400MW. Further, M/s ACMESHL (Appl. No. 2200001064) shall be responsible for compliance with the Grid Code and other regulations of the Central Commission for the above additional generation capacity as 'Lead generator' in terms of clause (y)(ii) of Regulation 2.1. Further, M/s ACMECSPL shall submit the technical connection data i.r.o. above additional capacity for checking necessary compliances at the earliest so as to provide sufficient time for ensuring necessary compliances.

Applicant requested to process their application in next meeting. It was decided to consider the application again in next meeting.

37th CMETS-WR:

Applicant stated that they are withdrawing the application for which formal request will be made after the meeting. It was decided to close the application as per the request of applicant. Subsequently, applicant vide letter dated 24.06.2025 has formally withdrawn the application.

2. Applications for Connectivity to ISTS under Regulation 4.1, 4.2, 5.6, and 5.7 received in Apr'25

Applications for Connectivity and GNA to ISTS in Western Region have been received in the months of **Apr'25** in conformity with the GNA Regulations, 2022. Necessary system studies have been conducted and the details of the applications along with the proposed grants are tabulated below for deliberation.

Apr'25 Applications

Sl. No.	Application No – Date – Fuel Source – Eligibility Criteria	Name of the Applicant	Nature of the Applicant	Project Location	Connectivity Location	Quantum (MW)	Connectivity Start Date (Requested & Actual)	Dedicated Transmission System for Connectivity	Associated Transmission System for GNA	Common Transmission System Augmentation	BG Details & Remarks (if any)
1.	2200001911 01-04-2025 Wind Land BG Route	SERENTICA RENEWABLES INDIA PRIVATE LIMITED	(i)Generating station(s), including REGS(s), without ESS	Shendi, Ahmednagar, Maharashtra	Kallam PS	200.0	Requested 31-12-2025	Please refer below.	NA	LILO of both circuits of Parli(M) – Karjat(M)/ Lonikand-II(M) 400kV D/c line (twin moose) at Kallam PS	Conn-BG1: Rs. 0.5 Cr. Conn-BG2: NIL Conn-BG3: Rs. 4 Cr.

It was informed that M/s Viento Renewable Pvt Ltd (VRPL) (Appl. No. 231400002) was granted connectivity for 150MW with the following system:

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<p>VRPL shall share the connectivity system provided with Stage-II Connectivity granted to M/s Anupavan Renewable Pvt Ltd. (ARPL) vide intimation no. CTU/W/05/Con St-II/1200003965 dated 30/08/2022 for 148.75MW, which is detailed below:</p> <ul style="list-style-type: none"> • ARPL – Kallam PS 220kV S/c line along with associated bay at Generation end (under the scope of applicant) • Bay at ISTS substation end has already been implemented as a part of ISTS. <p>With the revocation of connectivity granted to M/s ARPL vide letter dated 21.05.2025, the revised DTL configuration of M/s VRPL shall now be as given below:</p> <ul style="list-style-type: none"> • VRPL – Kallam PS 220kV S/c line along with associated bay at Generation end (under the scope of applicant) • Bay at ISTS substation end has already been implanted under ISTS <p>M/s VRPL noted the revised DTL configuration.</p> <p>It was further informed that applications from M/s TPREL (100MW; against which 78.4MW margin existed at Kallam PS) & M/s TEQ Green (200MW) have recently been withdrawn at Kallam PS. Accordingly, a margin of 278.4MW is left at 400kV level of Kallam PS & 148.75 MW is left at 220kV level of Kallam PS upon revocation of 148.75MW Connectivity granted to Anupavan Renewables Pvt.. Ltd. due to non-compliance under Regulation 11A(2).</p> <p>Hence following two options are left with applicant:</p> <p>If applicant opts for connectivity at 400kV level:</p> <p>M/s SRIPL shall share the DTL of M/s TSPPL for its 66MW WPP against application no. 1670224223993 as given below (<i>as already being shared by M/s SRIPL against appl. No. 2200000302</i>):</p> <ul style="list-style-type: none"> • TSPPL – Kallam PS 400kV S/c line along with associated bay at generation station (under the scope of M/s TSPPL). • 1 no.400kV line bay at Kallam PS (under the scope of ISTS) <p>Or</p> <p>If applicant opts for connectivity at 220kV level:</p> <p>SRIPL shall be required to share the connectivity system (DTL) of M/s VRPL for its 150MW WPP against application no. 0231400002 as given below:</p> <ul style="list-style-type: none"> • VRPL – Kallam PS 220kV S/c line along with associated bay at Generation end (under the scope of applicant) • Bay at ISTS substation end has already been implemented under ISTS <p>Further, connectivity quantum of SRIPL shall be reduced to 148.75MW if it opts to come at 220kV level of Kallam PS.</p>											

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Applicant stated that they shall intimate within 7 days regarding further processing of the application. It was decided to discuss the application in the next meeting as per feedback of applicant.											
2.	2200001948 15-04-2025 Wind Land BG Route	POWERICA LIMITED	(i)Generating station(s), including REGS(s), without ESS	Patoda, Therla, Beed, Maharashtra	Kallam PS	100.0	Requested 30-06-2027	<p>In case M/s SRIPL opts to come at 220kV level, then margin of 278.4MW would be left at 400kV level of Kallam PS</p> <p>Towards the same, M/s POWERICA shall share the DTL of M/s TSPPL for its 66MW WPP against application no. 1670224223993 as given below:</p> <ul style="list-style-type: none"> TSPPL – Kallam PS 400kV S/c line along with associated bay at generation station (under the scope of M/s TSPPL). 1 no.400kV line bay at Kallam PS (under the scope of ISTS) <p>Otherwise, the proposal would</p>	-	LILO of both circuits of Parli(M) – Karjat(M)/ Lonikand-II(M) 400kV D/c line (twin moose) at Kallam PS	<p>Conn-BG1: Rs. 0.5 Cr.</p> <p>Conn-BG2: NIL</p> <p>Conn-BG3: Rs. 2 Cr.</p>

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								have to be modified as per deliberations in the meeting.			
<p>It was decided to discuss the application in the next meeting as per feedback of applicant at Sl. 1.</p> <p>Subsequently, applicant vide letter dated 14.07.2025 has requested to withdraw the application. Accordingly, the application is being closed as per the request of applicant.</p>											
3.	2200001920 08-04-2025 Solar Land Route	ARYAN RENEWABLE ENERGY PRIVATE LIMITED (AREPL)	(i)Generating station(s), including REGS(s), without ESS	Musamudi, Sidhi, Madhya Pradesh	Vindhyachal-I, II, III / Satna (PG) S/s (existing)	300.0	Requested 31-03-2027	LILO of one circuit of Vindhyachal STPS – Satna 400kV 2x D/c line at AREPL	-	Existing	Conn-BG1: Rs. 0.5 Cr. Conn-BG2: NIL Conn-BG3: Rs. 6 Cr.
<p>It was informed that M/s AREPL has requested to grant the connectivity through LILO of one D/c of Vindhyachal STPS – Satna 400kV 2x D/c line.</p> <p>Satna 2x1000MVA, 765/400kV ICTs are observed to be critically loaded in the future timeframe & the same has been reported in the Rolling Plan report published by CTU. Studies have been carried out in afternoon peak scenario, wherein, it is observed that after considering the LILO of one D/c circuit of Vindhyachal STPS – Satna 400kV 2x D/c line at AREPL, loading on the Satna ICTs are getting aggravated as power flows from AREPL to Satna & from Satna 400kV level to 765kV level thereby increasing the flows on 765/400kV ICTs. Under N-1 contingency of one 765/400kV ICT at Satna, other ICT is observed to be N-1 non-compliant. With respect to fault level, it may be noted that after considering the proposed LILO, there is marginal increase (~0.2kA) in fault level at Vindhyachal I to III STPS from fault level of 37kA. However, with additional ICT at Satna, the fault level would breach the design limit of 50kA.</p> <p>Feedback from POWERGRID regarding space availability for installation of additional 765/400kV ICT at Satna is being taken. Further, detailed studies are required to be carried out including other alternatives (such as Vindhyachal PS) for granting the said connectivity after receipt of feedback from POWERGRID. Accordingly, the subject application shall be deliberated in the next WR-CMETS meeting(s).</p> <p>Applicant requested for grant through LILO of one D/c of Vindhyachal STPS – Satna 400kV 2x D/c line as nearest ISTS substation from their project is Vindhyachal PS which is also more than 75km from their project.</p> <p>It was informed that further course of action can be decided based on feedback from POWERGRID, fault level as well as power flow studies which may take some time and hence the matter would be deliberated on completion of studies.</p>											
4.	2200001939 11-04-2025 Solar	ONIX RENEWABLE LIMITED	(iii)Generating station(s), including REGS(s),	Jamnagar, Gujarat	220 kV Jamnagar PSS ISTS Substation	200.0	Requested 02-03-2027	The subject application is beyond 1GW in Jamnagar area			

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	LOA or PPA		with ESS					and shall be discussed once additional transmission system is planned for evacuation of power beyond 1GW at Jamnagar.			

Following was informed:

- It may be noted that only 1GW potential has been declared under ISTS till date. However, the subject application is beyond 1GW in Jamnagar area. Since the subject applications are beyond RE potential at Jamnagar, feedback from MNRE has also been sought w.r.t. max potential to be considered in the area vide CTU letter dated 07.03.2025.
- Transmission system planning for capacity beyond potential was discussed in the 29th NCT meeting held on 16.04.2025 wherein after deliberations, it was decided that **the transmission schemes for the quantum beyond the potential already declared by MNRE/SECI will be taken up for approval only after assessment and declaration of such additional potential by MNRE.**
- Hence, further, transmission planning in the area can only be carried out after clarity from MNRE on additional potential in the area.

Applicant noted the same.

5.	2200001954 16-04-2025 Wind Land BG Route	ACME SOLAR HOLDINGS LIMITED	(i)Generating station(s), including REGS(s), without ESS	Kotda Roha, Kachchh, Gujarat	Bhuj-II PS	400.0	Requested 31-03-2027	Refer Note Below			
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For all applications at Bhuj-II PS:

M/s Adani New Industries Ltd. vide letter dated 21.02.2025 has informed that they would be applying for 2.5GW Green Hydrogen consumption application for drawal by Dec-26 and additional 2.5GW Green Hydrogen consumption application for drawal by Dec-27 at Navinal / Navinal-II PS.

Revised studies were carried out after considering 5GW green hydrogen load at Navinal / Navinal-II PS and 3GW load at Kandla S/s and it was observed that Vataman – Navsari 765kV D/c line is hitting N-1 compliance limits and no further margin for injection is available.

In the above backdrop, the following was informed:

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<ul style="list-style-type: none"> GETCO vide letter dated 27.12.2024 to MNRE has proposed evacuation plan for 16.5GW RE capacity (Kutch: 6GW, Saurashtra: 6GW, North Gujarat: 3GW & Central Gujarat: 1.5GW) coming up in the state under In-STS system, for implementation under GEC-III scheme. The system is currently under examination by CEA. The GEC-III system would have profound impact on ISTS evacuation system from Gujarat. There should not be a duality in transmission system planning by CTU and STU in Kutchh area. Since the subject applications (cumulative 6.2GW at Bhuj-II) are much beyond RE potential at Bhuj-II (2GW), feedback from MNRE has also been sought w.r.t. max potential to be considered in the area vide CTU letter dated 07.03.2025. Transmission system planning for capacity beyond potential was discussed in the 29th NCT meeting held on 16.04.2025 wherein after deliberations, it was decided that <u>the transmission schemes for the quantum beyond the potential already declared by MNRE/SECI will be taken up for approval only after assessment and declaration of such additional potential by MNRE.</u> <p>Applicant noted the same.</p>											
6.	2200001957 17-04-2025 Hybrid (RHGS) LOA or PPA	JUNIPER GREEN ENERGY PRIVATE LIMITED	(iii)Generating station(s), including REGS(s), with ESS	Lakadiya, Palasava, Kumbhariya, Gagodar and other nearby villages in Rapar and Bhachau, Kachchh, Gujarat	Lakadiya-II ISTS PS	320.0 May be Revised to 300MW considering available margin	Requested 11-03-2027	Margin for 300MW connectivity would be available at 400kV level of Lakadiya-II PS. Accordingly, applicant would have to come on sharing basis with RIL against any one Application (2200001104:1000MW or 2200001105:1000MW) 400kV Sec-I as per details given below: •RIL Common Pooling Station		Refer Note Below	ConnBG1: Rs. 0.5 Cr. ConnBG2: Nil ConnBG3: Rs. 6 Cr.

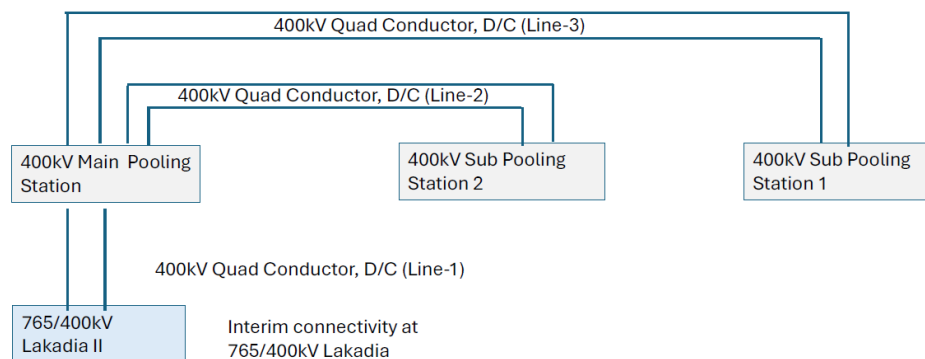
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								for 2000MW – Lakadia-II 400kV D/c line along with associated bays at the generation end (under the scope of applicant). •2 Nos. 400kV bays on Sec-I at Lakadia-II PS end associated with subject applicants is agreed under ISTS as a part of PS.									
<p>Note: As per respective grant letters:</p> <p>DTL Identified for RIL application no. 2200001104: •RIL Common Pooling Station for 2000MW – Lakadia-II 400kV D/c line along with associated bays at the generation end (under the scope of applicant). •1 No. 400kV bay on Sec-I at Lakadia-II PS end associated with subject applicant is agreed under ISTS as a part of PS. The other 400kV bay on Sec-I is associated with appl. No. 2200001105 which is also agreed under ISTS as a part of PS.</p> <p>DTL Identified for RIL application no. 2200001105: •RIL Common Pooling Station for 2000MW – Lakadia-II 400kV D/c line along with associated bays at the generation end (under the scope of applicant). •1 No. 400kV bay on Sec-I at Lakadia-II PS end associated with subject applicant is agreed under ISTS as a part of PS. The other 400kV bay on Sec-I is associated with appl. No. 2200001104 which is also agreed under ISTS as a part of PS.</p> <p>RIL vide e-mail dated 16.06.2025 have informed that they have made Section 68 application to MOP for transmission lines from Main Pooling Station to Sub Pooling Station 1 and 2, with below details:</p> <table><tr><td>Sr. No.</td><td>Scope of Transmission Scheme</td><td>Scope of Work</td></tr><tr><td></td><td></td><td></td></tr></table>												Sr. No.	Scope of Transmission Scheme	Scope of Work			
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1.		400 kV D/C dedicated Transmission Line between Main Pooling Station of Kutch captive generating plant and Sub pooling Station -1				20 KM					
2.		400 kV D/C dedicated Transmission Line between Main Pooling Station of Kutch captive generating plant and Sub pooling Station -2				15 KM					

Annexure- I : Block Diagram Transmission Scheme



Sr.	Transmission Line	Approval Status section 68
1	400 kV Quad Conductor, D/C (Line-1)	Approval already received u/s 68 from MOP dt. 21.04.2025
2	400 kV Quad Conductor, D/C (Line-2)	Applying for in this application
3	400 kV Quad Conductor, D/C (Line-3)	Applying for in this application

RIL was requested to explain segregation amongst 2 nos. applications at Main Pooling station (through bus sectionaliser or other arrangement).

Representative of RIL explained the scheme as under:

1. Scheme

- The land parcel identified will have two Sub Pooling Stations (SPS 1 and SPS 2) which will be connected to a Main Pooling Station (MPS).
- Each Sub Pooling Station will cater to 1890 MVA of Transformation Capacity. The Main Pooling station will also have 1890MVA of directly connected generation capacity.
- The Connection between Sub Pooling station and Main Pooling stations are with 400kV Double Ckt lines
- The Main Pooling Station will be connected to Lakadia with a 400kV Double ckt line

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	<p>e. Though the intention is to commission the Substation in a phased manner based on land development constraints, we may simultaneously commission all the substations partially.</p> <p>2. The land parcel where entire 2000 MW RE capacity will be installed is expected to be a single contiguous parcel which will meet the land requirement for both the phases of 1000 MW RE projects and hence proof of the same parcel may be used for both applications.</p> <p>3. We will demonstrate that area is sufficient to meet both the connectivity requirements concurrently</p> <p>4. The two applications are made by a single entity, and separate applications have been done to Phase the time of commissioning of capacities with common metering at Lakadia Substation.</p> <p>5. Since the development of project capacity will be based on many factors including ease of construction, site availability etc., no specific connection is made between two applications and Sub Pooling Stations.</p> <p>RIL was requested to clearly specify the quantum against each of your two applications (2200001104 & 2200001105) which is to be interconnected with Sub Pooling Station-1 and 2 respectively. RIL stated that they shall get back after the meeting.</p> <p>Regarding the sharing arrangement proposed above, M/s JGEPL was requested to coordinate with M/s RIL and come up with a feasible sharing arrangement.</p> <p>RIL stated that they plan to utilise their dedicated transmission system for captive generating plants (solar) in compliance with N-1 criteria.</p> <p>It was clarified that as per para 4.4.5 of the CEA Planning Criteria, “<i>The ‘N-1’ criteria may not be applied to the immediate connectivity system of renewable generations with the ISTS/Intra-STS grid i.e. the line connecting the generation project switchyard to the grid and the step-up transformers at the grid station</i>”.</p> <p>It was pointed out that RIL is implementing their 400kV D/c line with quad conductor which would have a high thermal limit. Hence, RIL and JGEPL may discuss amongst themselves and finalise the sharing modalities as there is no other option left for utilising the balance 300MW margin left at Lakadia-II PS.</p> <p>RIL informed that if at all sharing is to be done, they can only share their main Pooling Station for facilitating any sharing arrangement with M/s JGEPL. RIL agreed to discuss the matter further with M/s JGEPL.</p> <p>After deliberations, it was decided that the matter shall be deliberated and finalised in next meeting.</p>										
7.	2200001976 26-04-2025 Wind Land BG Route	NTPC RENEWABLE ENERGY LIMITED	(i)Generating station(s), including REGS(s), without ESS	Rapar, Kachchh, Gujarat	Lakadiya-II ISTS PS	300.0	Requested 30-06-2027	Refer Note Below (Beyond 7.5GW)			
8.	2200001977 26-04-2025 Wind	NTPC RENEWABLE	(i)Generating station(s), including	Gagodar, Kachchh, Gujarat	Lakadiya-II ISTS PS	300.0	Requested 30-06-2027	Refer Note Below (Beyond 7.5GW)			

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	Land BG Route	ENERGY LIMITED	REGS(s), without ESS								

Following was informed i.r.o. Lakadia-II applications:

- It may be noted that against 7.5GW system planned at Lakadiya-II PS, no potential has been declared under ISTS till date. Since the subject applications are beyond RE potential at Lakadia, feedback from MNRE has also been sought w.r.t. max potential to be considered in the area vide CTU letter dated 07.03.2025.
- Transmission system planning for capacity beyond potential was discussed in the 29th NCT meeting held on 16.04.2025 wherein after deliberations, it was decided that **the transmission schemes for the quantum beyond the potential already declared by MNRE/SECI will be taken up for approval only after assessment and declaration of such additional potential by MNRE.**
- Although the above proposed scheme for 7.5GW capacity is already planned, the same will be taken up for approval only after assessment and declaration of such additional potential by MNRE.
- **After considering the application of JUNIPER GREEN ENERGY PRIVATE LIMITED for 300MW capacity, total connectivity of 7500MW at Lakadiya-II PS has been reached & no margin is left at Lakadia-II PS. With this application, Lakadiya-II S/s shall now be closed for further grant.**
- Planning for applications beyond 7.5GW at Lakadiya-II PS will only be taken up after assessment and declaration of such additional potential by MNRE in the area.

Representative of M/s NTPC RENEWABLE ENERGY LIMITED noted the same.

Common Transmission System Augmentation for JUNIPER GREEN ENERGY PRIVATE LIMITED at Lakadiya-II PS (for 300MW):

A. Under Implementation (under ISTS):

- Transmission Scheme for evacuation of 4.5GW RE injection at Khavda PS under Phase-II, Part-B (Khavda II-B Transmission Ltd. - POWERGRID) (SCOD: 21/03/2025):**
 - Lakadia PS – Ahmedabad 765kV D/c line
- Transmission Scheme for evacuation of 4.5GW RE injection at Khavda PS under Phase-II, Part-C (Khavda II-C Transmission Ltd. - POWERGRID) (SCOD: 21/03/2025):**
 - Establishment of 3x1500MVA 765/400 kV Ahmedabad S/s

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											<ul style="list-style-type: none"> Ahmedabad – Navsari (New) 765 kV D/c line
3.	<u>Transmission Scheme for evacuation of 4.5GW RE injection at Khavda PS under Phase-II, Part-D (TPGL) (SCOD: 21/03/2025):</u>										
											<ul style="list-style-type: none"> LILO of Pirana (PG) – Pirana (T) 400kV D/c line at Ahmedabad S/s along with reconductoring of Pirana (PG) – Pirana (T) 400kV D/c line
4.	<u>Transmission Scheme for evacuation of additional 7 GW of RE Power from Khavda RE Park under Phase III Part A (Part System) (Halvad Transmission Ltd. – AESL) (SCOD: 26/12/2025):</u>										
											<ul style="list-style-type: none"> Establishment of 765 kV Halvad switching station LILO of Lakadia – Ahmedabad 765 kV D/c at Halvad
5.	<u>Transmission Scheme for evacuation of additional 7 GW of RE Power from Khavda RE Park under Phase-III, Part-B (Vataman Transmission Ltd. – POWERGRID) (SCOD: 26/12/2025):</u>										
											<ul style="list-style-type: none"> Establishment of 765 kV switching station near Vataman Halvad – Vataman 765 kV D/c line LILO of Lakadia – Vadodara 765 kV D/c line at Vataman Vataman switching station – Navsari (New) 765 kV D/c line
6.	<u>Transmission System for evacuation of power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW), Part-B (South Olpad Transmission Ltd. – POWERGRID) (SCOD: 15/10/2026):</u>										
											<ul style="list-style-type: none"> Establishment of 765/400/220kV South Olpad (GIS) S/s with 2x1500MVA 765/400kV ICTs. Vadodara – South Olpad (GIS) 765kV D/c line LILO of Gandhar – Hazira 400 kV D/c line at South Olpad (GIS) using twin HTLS conductor with minimum capacity of 2100 MVA per ckt at nominal voltage Ahmedabad – South Olpad (GIS) 765kV D/c line
7.	<u>Transmission System for evacuation of power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW), Part-C (part system) (Khavda IV C Power Transmission Ltd. – SG38L) (SCOD: 15/10/2026):</u>										
											<ul style="list-style-type: none"> Establishment of 765/400/220kV Boisar-II (GIS) S/s with 4x1500MVA ICTs & 2x500MVA ICTs South Olpad (GIS) – Boisar-II 765kV D/c line LILO of Navsari (New) – Padghe (PG) 765kV D/c line at Boisar-II

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											<ul style="list-style-type: none"> 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)
8.	<u>Transmission System for evacuation of power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW), Part-D (part system) (Pune Transmission Ltd. – AESL) (SCOD: 19/11/2026):</u>										
											<ul style="list-style-type: none"> Establishment of 765/400/220kV Pune-III (GIS) S/s with 2x1500 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 LILO of Hinjewadi – Koyna 400kV S/c line at Pune III (GIS) S/s
<u>B. Under Approval (under ISTS):</u>											
											<ul style="list-style-type: none"> Establishment of 765/400 kV, 6x1500MVA & 10x500MVA, 400/220kV Lakadia-II (Near Chitrod) with 2x330 MVAR 765kV bus reactor and 2x125 MVAR 400kV bus reactor. ±400 MVAR STATCOM on each 400kV Bus section of Lakadia-II Lakadia-II – Ahmedabad 765kV D/c line (180km.) Lakadia-II – Vataman 765kV D/c line (220km.) Augmentation of transformation capacity at South Olpad (GIS) S/s by 1x1500MVA, 765/400kV (3rd) ICT Vadodara(GIS) – Halvad 765kV D/c line to be terminated into Lakadia – Halvad 765kV D/c line (near Halvad S/s) so as to form Lakadia – Vadodara(GIS) 765kV D/c line Establishment of 765/400 kV, 3x1500MVA & 400/220kV, 3x500MVA Nasik S/s (towards South of Nasik) with 2x330 MVAR 765kV bus reactor and 2x125 MVAR 400kV bus reactor. Navsari(New) – Nasik 765kV D/c line (190km.) Nasik – Pimpalgaon (MSETCL) 400kV D/c line (Quad ACSR/AAAC/AL59 moose equivalent) (~50km.) (<i>Line to be routed from near Sinner TPP / Raymond i.e. from eastern side of Nasik</i>). Establishment of 765/400 kV, 2x1500MVA & 400/220kV, 3x500MVA Alephata S/s with 2x330 MVAR 765kV bus reactor and 2x125 MVAR 400kV bus reactor. Alephata – Lonikand-I 400kV D/c line (Quad ACSR/AAAC/AL59 moose equivalent) (~80km.) LILO of A'bad – Pune(GIS)(Shikrapur) 765kV line and Padghe(GIS) – Pune(GIS) 765kV line at Alephata S/s (LILO route length ~ 20km.) Nasik – Alephata 765kV D/c line (~100km.)

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10.	2200001960 18-04-2025 Solar Land BG Route	RELIANCE INDUSTRIES LIMITED (RIL)	(vi)Captive generating plant	Kutch-Bhuj, Gujarat	765/400kV KPS 1	690.0	Requested 30-06-2027 Actual: 30-06-2030 (Ant. SCOD of CTS)	It was informed that margin for 690MW connectivity would be available at 400kV level of KPS1 Section-II on Khavda Ph-I to Ph-VII system. Accordingly, details of Dedicated Transmission Line (DTL) are as below: <ul style="list-style-type: none"> • RIL – KPS1 Sec-II (GIS) 400kV S/c line along with associated bay at Generator end (Under the scope of applicant) • 400kV GIS line bay (on Sec-II) at KPS1 PS for RE interconnection (under ISTS) 		Refer below: note	ConnBG1: Rs. 0.5 Cr. ConnBG2: Rs. 6 Cr. ConnBG3: Rs. 13.8 Cr.
	2200001961 18-04-2025 Solar Land BG	RELIANCE INDUSTRIES LIMITED	(vi)Captive generating plant	Kutch-Bhuj, Gujarat	765/400kV KPS 2	1250.0	Requested 31-12-2027	Refer Note Below (Beyond 42GW)			

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	Route										

- The transmission system for total 42GW capacity has already been planned in Khavda area in 7 phases. It may be noted that against 42GW system planned in Khavda, only 32.7GW potential has been declared by MNRE. Since the subject applications are beyond RE potential at Khavda, feedback from MNRE has also been sought w.r.t. max potential to be considered in the area vide CTU letter dated 07.03.2025.
- Transmission system planning for capacity beyond potential was discussed in the 29th NCT meeting held on 16.04.2025 wherein after deliberations, it was decided that **the transmission schemes for the quantum beyond the potential already declared by MNRE/SECI will be taken up for approval only after assessment and declaration of such additional potential by MNRE.**
- Although the above proposed scheme for 42GW capacity is already planned, the same will be taken up for approval only after assessment and declaration of such additional potential by MNRE.

Till date, applications for 41.3GW have been received in Khavda area which have also been granted/agreed for grant. Adding the 0.69GW connectivity application of RIL would result in cumulative capacity of ~42GW in Khavda area. After considering this application of RIL, no further margin is left in Khavda Ph-I to Ph-VII system. Accordingly, additional transmission system beyond 42GW needs to be planned for appl. No. 2200001961.

Planning for applications beyond 42GW in Khavda will only be taken up after assessment and declaration of such additional potential by MNRE in the area.

Common Transmission System Augmentation for RELIANCE INDUSTRIES LIMITED at KPS1 Sec-II PS (Appl. No. 2200001960):

Under Implementation (under ISTS):

- Transmission Scheme for evacuation of 4.5GW RE injection at Khavda PS under Phase-II, Part-B (Khavda II-A Transmission Ltd. - POWERGRID) (SCOD: 21/03/2025):**
 - KPS2-Lakadia PS 765kV D/c line
- Transmission Scheme for evacuation of 4.5GW RE injection at Khavda PS under Phase-II, Part-B (Khavda II-B Transmission Ltd. - POWERGRID) (SCOD: 21/03/2025):**

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											<ul style="list-style-type: none"> Lakadia PS – Ahmedabad 765kV D/c line
3.	<u>Transmission Scheme for evacuation of 4.5GW RE injection at Khavda PS under Phase-II, Part-C (Khavda II-C Transmission Ltd. - POWERGRID) (SCOD: 21/03/2025):</u>										
											<ul style="list-style-type: none"> Establishment of 3x1500MVA 765/400 kV Ahmedabad S/s Ahmedabad – Navsari (New) 765 kV D/c line
4.	<u>Transmission Scheme for evacuation of 4.5GW RE injection at Khavda PS under Phase-II, Part-D (TPGL) (SCOD: 21/03/2025):</u>										
											<ul style="list-style-type: none"> LILO of Pirana (PG) – Pirana (T) 400kV D/c line at Ahmedabad S/s along with reconductoring of Pirana (PG) – Pirana (T) 400kV D/c line
5.	<u>Transmission Scheme for evacuation of additional 7 GW of RE Power from Khavda RE Park under Phase III Part A (Part System) (Halvad Transmission Ltd. – AESL) (SCOD: 26/12/2025):</u>										
											<ul style="list-style-type: none"> Establishment of 765 kV Halvad switching station LILO of Lakadia – Ahmedabad 765 kV D/c at Halvad
6.	<u>Transmission Scheme for evacuation of additional 7 GW of RE Power from Khavda RE Park under Phase-III, Part-B (Vataman Transmission Ltd. – POWERGRID) (SCOD: 26/12/2025):</u>										
											<ul style="list-style-type: none"> Establishment of 765 kV switching station near Vataman Halvad – Vataman 765 kV D/c line LILO of Lakadia – Vadodara 765 kV D/c line at Vataman Vataman switching station – Navsari (New) 765 kV D/c line
9.	<u>Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part A, Khavda IV A Power Transmission Limited (a subsidiary of Adani) (SCOD: 30/08./2026)</u>										
											<ul style="list-style-type: none"> Creation of 765 kV bus section-II at KPS3 (GIS) along with 765 kV Bus Sectionalizer & 1x330 MVAR, 765 kV Bus Reactors on Bus Section-II Bus section – II shall be created at 765 kV & 400 kV level both with 3x1500 MVA, 765/400 kV ICTs at Bus Section-II Creation of 400 kV bus Section-II at KPS3 (GIS) along with 400 kV Bus Sectionalizer & 1x125 MVAR, 420 kV Bus Reactors on Bus Section-II and 3 Nos. 400 kV bays at Bus Section-II for RE interconnection 330 MVAR switchable line reactors at KPS3 end of KPS3 (GIS) – Lakadia 765kV D/C line (with NGR bypass arrangement) KPS3 (GIS) – Lakadia (AIS) 765 kV D/C line

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											<ul style="list-style-type: none"> ±300 MVAR STATCOM with 1x125MVAR MSC, 2x125 MVAR MSR at KPS3 400 kV Bus section-II KPS1 (GIS)– Bhuj PS 765 kV 2nd D/C line
7.	<u>Transmission System for evacuation of power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW), Part-B (South Olpad Transmission Ltd. – POWERGRID) (SCOD: 15/10/2026):</u>										
											<ul style="list-style-type: none"> Establishment of 765/400/220kV South Olpad (GIS) S/s with 2x1500MVA 765/400kV ICTs. Vadodara – South Olpad (GIS) 765kV D/c line LILO of Gandhar – Hazira 400 kV D/c line at South Olpad (GIS) using twin HTLS conductor with minimum capacity of 2100 MVA per ckt at nominal voltage Ahmedabad – South Olpad (GIS) 765kV D/c line
8.	<u>Transmission System for evacuation of power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW), Part-C (part system) (Khavda IV C Power Transmission Ltd. – SG38L) (SCOD: 15/10/2026):</u>										
											<ul style="list-style-type: none"> Establishment of 765/400/220kV Boisar-II (GIS) S/s with 4x1500MVA ICTs & 2x500MVA ICTs South Olpad (GIS) – 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)
9.	<u>Transmission System for evacuation of power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW), Part-D (part system) (Pune Transmission Ltd. – AESL) (SCOD: 19/11/2026):</u>										
											<ul style="list-style-type: none"> Establishment of 765/400/220kV Pune-III (GIS) S/s with 2x1500 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 LILO of Hinjewadi – Koyana 400kV S/c line at Pune III (GIS) S/s
Khavda Phase-V											
Part A											
											<ul style="list-style-type: none"> Establishment of 6000 MW, ± 800 kV KPS2 (HVDC) [LCC] terminal station (4x1500 MW) Establishment of 6000 MW, ± 800 kV Nagpur (HVDC) [LCC] terminal station (4x1500 MW) ±800 kV HVDC Bipole line (Hexa lapwing) between KPS2 (HVDC) and Nagpur (HVDC) (1200 km) Establishment of 6x1500 MVA, 765/400 kV ICTs at Nagpur S/s

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- LILO of Wardha – Raipur 765 kV one D/c line (out of 2xD/c lines) at Nagpur

Part C

- Establishment of 2500 MW, \pm 500 kV KPS3 (HVDC) [VSC] terminal station (2x1250 MW) at a suitable location near KPS3
- Establishment of 2500 MW, \pm 500 kV South Olpad (HVDC) [VSC] terminal station (2x1250 MW)
- Establishment of KPS3 (HVDC) S/s
- KPS3 – KPS3 (HVDC) 400 kV 2xD/c (Quad ACSR/AAAC/AL59 moose equivalent) line
- \pm 500 kV HVDC Bipole line between KPS3 (HVDC) and South Olpad (HVDC)

Khavda Phase-VI: Under Approval Stage

- Establishment of 765/400 kV, 8x1500MVA, KPS4 (GIS) with 2x330 MVAR 765kV bus reactor and 2x125 MVAR 400kV bus reactor.
- KPS4 – KPS2 765kV D/c line
- Establishment of 765/400 kV, 4x1500MVA, KPS5 (GIS) with 2x330 MVAR 765kV bus reactor and 2x125 MVAR 400kV bus reactor.
- KPS4 – KPS5 765kV 2xD/c line
- Establishment of 765/400 kV, 6x1500MVA & 10x500MVA, 400/220kV Lakadia-II (Near Chitrod) with 2x330 MVAR 765kV bus reactor and 2x125 MVAR 400kV bus reactor.
- KPS5 – Lakadia-II 765kV 2xD/c line (160km.)
- LILO of Halvad – Kandla 765kV D/c line at Lakadia-II
- \pm 400 MVar STATCOM on each 400kV Bus section of Lakadia-II
- Lakadia-II – Ahmedabad 765kV D/c line (190km.)
- Lakadia-II – Vataman 765kV D/c line (220km.)
- Augmentation of transformation capacity at South Olpad (GIS) S/s by 1x1500MVA, 765/400kV (3rd) ICT
- Vadodara(GIS) – Halvad 765kV D/c line to be terminated into Lakadia – Halvad 765kV D/c line (near Halvad S/s) so as to form Lakadia – Vadodara(GIS) 765kV D/c line
- Establishment of 765/400 kV, 3x1500MVA & 400/220kV, 3x500MVA Nasik S/s (towards South of Nasik) with 2x330 MVAR 765kV bus reactor and 2x125 MVAR 400kV bus reactor.
- Navsari(New) – Nasik 765kV D/c line (190km.)
- Nasik – Pimpalgaon (MSETCL) 400kV D/c line (Quad ACSR/AAAC/AL59 moose equivalent) (~60km.) (Line to be routed from near Sinner TPP / Raymond i.e. from eastern side of Nasik).
- Establishment of 765/400 kV, 2x1500MVA & 400/220kV, 3x500MVA Alephata S/s with 2x330 MVAR 765kV bus reactor and 2x125 MVAR 400kV bus reactor.
- Alephata – Lonikand-I 400kV D/c line (Quad ACSR/AAAC/AL59 moose equivalent) (~70km.)

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<ul style="list-style-type: none"> • LILO of A'bad – Pune(GIS)(Shikrapur) 765kV line and Padghe(GIS) – Pune(GIS) 765kV line at Alephata S/s (LILO route length ~ 20km.) • Nasik – Alephata 765kV D/c line (~100km.) • Installation of Synchronous Condensor (+300/-200MVar) at KPS4 (400kV Bus Section-I). • Installation of Synchronous Condensor (+300/-200MVar) at KPS4 (400kV Bus Section-II). 											
Khavda Phase-VII: Under Approval Stage											
LCC HVDC											
<ul style="list-style-type: none"> • Establishment of 6000 MW (2 nos. 3000MW Bipole configuration), ± 800 kV Lakadia-II (HVDC) [LCC] terminal station (4x1500 MW) along with associated interconnections with 400 kV HVAC Switchyard* (2x1500MW Poles would be on 400kV Sec-I & 2x1500MW Poles would be on 400kV Sec-II) • Establishment of 6000 MW (2 nos. 3000MW Bipole configuration), ± 800 kV Alephata (HVDC) [LCC] terminal station (4x1500 MW) along with associated interconnections with 400 kV HVAC Switchyard* • ±800 kV HVDC Bipole line (Hexa lapwing) between Lakadia-II (HVDC) and Alephata (HVDC) (with Dedicated Metallic Return) (capable to evacuate 6000 MW with overload as specified) • Installation of additional 3x1500 MVA, 765/400 kV ICTs at Alephata S/s along with associated interconnections with HVDC Switchyard*. 2x1500 MVA ICTs on Sec-I & 1x1500MVA ICT on Sec-II. The 400kV bus sectionalisers shall be normally closed and may be opened based on Grid requirement. 											
OR											
VSC HVDC											
<ul style="list-style-type: none"> • Establishment of 6000 MW (2 nos. 3000MW Bipole configuration) ± 600 kV Lakadia-II (HVDC) VSC terminal station (4x1500 MW) along with associated interconnections with 400 kV HVAC Switchyard* (2x1500MW Poles would be on 400kV Sec-I & 2x1500MW Poles would be on 400kV Sec-II) • Establishment of 6000 MW (2 nos. 3000MW Bipole configuration), ± 600 kV Alephata (HVDC) VSC terminal station (4x1500 MW) along with associated interconnections with 400 kV HVAC Switchyard* • ± 600 kV HVDC Bipole line (Quad Lapwing on same tower) between Lakadia-II (HVDC) and Alephata (HVDC) (800 km) (with Dedicated Metallic Return) (capable to evacuate 6000 MW (with overload as specified) • Installation of additional 3x1500 MVA, 765/400 kV ICTs at Alephata S/s along with associated interconnections with HVDC Switchyard*. 2x1500 MVA ICTs on Sec-I & 1x1500MVA ICT on Sec-II. The 400kV bus sectionalisers shall be normally closed and may be opened based on Grid requirement. 											
Khavda Phase V: Part B1											
<ul style="list-style-type: none"> • Augmentation of transformation capacity at KPS1 (GIS) by 1x1500MVA, 765/400kV ICT (9th) on Bus Section-II. 											
11.	2200001966 21-04-2025 Solar	ADITYA BIRLA RENEWABLES LIMITED	(i)Generating station(s), including	Dhondha, Sheopur,	Morena PS	300.0	Requested 15-06-2027	<ul style="list-style-type: none"> • ABRL – Morena PS 220kV S/c line 	NA	Refer Note Below	ConnBG1: Rs. 0.5 Cr.

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	Land BG Route		REGS(s), without ESS	Madhya Pradesh			Actual: 30-11-2027 (Exp. SCOD of CTS)	along with associated bay at generation end (under the scope of applicant). • 1 no. 220kV bay at Morena PS shall be implemented under ISTS			ConnBG2: Rs.3 Cr. ConnBG3: Rs. 6 Cr

Note for Morena PS applicants:

Common Transmission System Augmentation:

Under ISTS (Under Bidding):

- Establishment 3x1500 MVA, 765/400 kV & 2x500MVA,400/220kV Morena PS (South of Sabalgarh) with 2x330 MVA 765 kV bus reactor and 2x125 MVA 420 kV bus reactor
- Morena PS (South of Sabalgarh) – Karera (near Datia) 765 kV D/c line
- 2 Nos. of 765 kV line bays at Karera (near Datia) for termination of Morena PS (South of Sabalgarh) – Karera (near Datia) 765 kV D/c line
- Augmentation of 400/220 kV transformation capacity at 765/400/220 kV Karera (near Datia) S/s (Sec-I) by 1x500MVA ICT (3rd)

The system is expected by Nov'27 (Ant. COD).

Under planning stage:

- Augmentation of transformation capacity by 3x500 MVA, 400/220kV ICTs (3rd, 4th & 5th) (To be terminated on 400kV Bus Section-I & 220kV Bus Section-I) at Morena PS (South of Sabalgarh)

12.	2200001972 25-04-2025 Solar Land BG Route	PURVAH GREEN POWER PRIVATE LIMITED	(i)Generating station(s), including REGS(s), without ESS	Sijora, Datia, Madhya Pradesh	Karera PS	300.0	Requested 01-01-2029	Refer Note Below			
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It was informed that as there is no potential declared in Karera, if applicant wants to come at 220 kV voltage level, establishment of 1x500 MVA ICT and 1 set of bus sectionalizer at 220kV level shall be part of the ATS for which Conn-BG2 (cost of ATS) would required to be furnished. Otherwise applicant can also directly come at 400 kV voltage level.

Applicant stated that they will revert within 1 day regarding 400kV connectivity. No response received till date. Hence, application shall be discussed in next meeting.

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13.	2200001971 25-04-2025 Solar Land BG Route	PURVAH GREEN POWER PRIVATE LIMITED	(i)Generating station(s), including REGS(s), without ESS	Kurawar, Rajgarh, Madhya Pradesh	Kurawar PS	300.0	Requested 01-09-2028	Refer Note Below			

Following was informed:

- It may be noted that no potential has been declared at Kurawar. Further, Mandsaur and Kurawar are contiguous pockets and their transmission system planning is linked with each other.
- Against 2GW potential declared at Mandsaur, about 7GW connectivity has been received. Since applications are received at Mandsaur beyond RE potential, feedback from MNRE has been sought w.r.t. max potential to be considered in the area vide CTU letter dated 07.03.2025. Transmission system planning for capacity beyond potential was discussed in the 29th NCT meeting held on 16.04.2025 wherein after deliberations, it was decided that the transmission schemes for the quantum beyond the potential already declared by MNRE/SECI will be taken up for approval only after assessment and declaration of such additional potential by MNRE.
- Since, Mandsaur and Kurawar are contiguous pockets, transmission planning for both the pockets shall be carried out together after further clarity from MNRE on additional potential in the area.

Applicant noted the same.

14.	2200001980 25-04-2025 Wind Land BG Route	WYN RENEWABLES PROJECT 5 PRIVATE LIMITED	(i)Generating station(s), including REGS(s), without ESS	Nagadiaya/Bhanvad, Jamnagar, Gujarat	Jam khambaliya-II/West of Bhanvad	100.0	Requested 30-06-2029	Refer Note Below (Beyond 4.5GW)			
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- It may be noted that 5.5GW potential has been declared under ISTS in Jam Khambhaliya area till date (which may be segregated as 4GW at Jam Khambhaliya and 1.5GW at JK-II).
- In first phase, transmission system for evacuation of upto 4.5GW RE capacity has been planned at Jam Khambhaliya-II (against potential of 1.5GW).
- The subject application is beyond 4.5GW potential at JK-II. Since the subject applications are beyond RE potential at JK-II, feedback from MNRE has also been sought w.r.t. max potential to be considered in the area vide CTU letter dated 07.03.2025.
- Transmission system planning for capacity beyond potential was discussed in the 29th NCT meeting held on 16.04.2025 wherein after deliberations, it was decided that the transmission schemes for the quantum beyond the potential already declared by MNRE/SECI will be taken up for approval only after assessment and declaration of such additional potential by MNRE.

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<ul style="list-style-type: none"> Hence, the proposed scheme for 4.5GW capacity will be taken up for approval only after assessment and declaration of such additional potential by MNRE. <p>Till date, applications for 4.58GW have been received at Jam-Khambaliya II PS. Adding the 0.1GW connectivity application of WYN would result in cumulative capacity of ~4.68GW. Accordingly, additional transmission system beyond 4.5GW needs to be planned. Planning for applications beyond 4.5GW at Jam- Khambaliya II PS will only be taken up after assessment and declaration of such additional potential by MNRE in the area.</p> <p>Applicant informed that this 100MW will come on sharing basis with Devpur (Appl. No. 2200001132) (200MW) project and they are willing to reduce the capacity based on any margins available in system in subsequent meetings. The submission of applicant was noted.</p>											
15.	2200001988 30-04-2025 Pump Storage	JINDAL GREEN PSP 1 PRIVATE LIMITED (JGP1PL)	vii. Standalone ESS	Karichapar /Seepat, Bilaspur, Chhattisgarh	Dharamjaygarh S/s	1100.0 (Injection : 1000MW & Drawl: 1100MW)	Requested 31-12-2029	Under applicant scope: <ul style="list-style-type: none"> JGP1PL-Dharamjaygarh PS 400kV D/c line along with associated bays at generator end (under the scope of applicant) (with minimum capacity of 1100MW per ckt at nominal voltage) 420kV, 125MVAR Bus reactor at 	Creation of 400kV Sec-B at D'jaigarh S/s along with Augmentation of Transformation capacity at D'jaigarh S/s by 3x1500MVA ICTs (on Sec-B)	Refer Note Below	ConnBG1: Rs. 0.5 Cr. ConnBG2: Rs.12 Cr. ConnBG3: Rs. 22 Cr

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Sl. No.	Application No – Date – Fuel Source – Eligibility Criteria	Name of the Applicant	Nature of the Applicant	Project Location	Connectivity Location	Quantum (MW)	Connectivity Start Date (Requested & Actual)	Dedicated Transmission System for Connectivity	Associated Transmission System for GNA	Common Transmission System Augmentation	BG Details & Remarks (if any)
								Generating end switchyard <u>Under ISTS:</u> <ul style="list-style-type: none"> 2 nos. 400kV bays at Sec-B of D'jaigarh S/s shall be under ISTS 			

Presently the fault level at Bilaspur PS has reached its design limit hence connectivity shall be provided at Dharamjaygarh S/s.

Note for Dharamjaygarh Applicant:

With the commissioning of Western Region Expansion Scheme- XXV (WRES-XXV) scheme (which is expected shortly), Reverse Flow capability of 3000MW on RPT HVDC link would be achieved. The same shall be utilised for reverse flow from SR to WR on RPT HVDC link as per requirement (especially in high wind seasons).

Further, new connectivity/GNA applications have been received in Chhattisgarh from:

- a. Korba Power Limited (Erstwhile Lanco Amarkantak) (2x660MW) which is proposed for grant at Champa 400kV Sec-B (with KSK 3x600MW Units & Lara-II (2x800MW) generating stations)
- b. Korba Power Limited (Erstwhile Lanco Amarkantak) (2x800MW) which is proposed for grant at Dharamjaygarh 400kV Sec-B
- c. Adani Power Limited (Korba West Expansion Project) (2x800MW) which is proposed for grant at New 765/400kV Raigarh(Kotra)-II S/s
- d. GNA Application from Jindal Steel & Power Limited (JSPL) for 260MW power drawal from Raigarh (Kotra) 400kV Sec-B (Already agreed for grant)

Moreover, overloading issues on Raigarh(Tamnar) – D'jaigarh (Sec-B) 765kV D/c line as well as Sipat – Ranchi 400kV D/c line are being observed in the planning studies (rolling plans) and measures are being planned to alleviate the same.

In order to alleviate overloading issues in WR – ER corridors and as well as to facilitate evacuation of power from Adani Power Limited (Korba West Expansion Project) (2x800MW) at (Raigarh (Kotra)-II) & Korba Power Limited (2x800MW) at Dharamjaygarh Substation, following addl. Transmission Schemes in WR as well as between WR & ER have been planned (refer Annexure C):

- Estb. of 3x1500MVA, 765/400kV Raigarh(Kotra)-II S/s
- Estb. of 3x1500MVA, 765/400kV Jamshedpur S/s

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B. Application for addition of Generation Capacity including ESS within the quantum of connectivity granted under Regulation 5.2

Apr'25

Sl. No.	Application ID	Name of the Applicant	Nature of Applicant	Submission Date	Region	Project Location	Connectivity location	Planned additional capacity (MW)	Date from which additional generation capacity will be added
1.	2200002011	Adani Green Energy Limited	(x) Renewable Power Park developer	30-04-2025	WR	Khavda, Gujarat	KPS-1	BESS: 475 (Injection for 3hr – confirmed vide letter dated 28.06.2025)	30-06-2026 With the availability of CTS Augmentation for connectivity under GNA

- Energy Source: Hybrid (RHGS)
- Application number of already granted Connectivity: 230700006
- Cumulative Connectivity granted: 1000 MW
- Owner of additional generation capacity: Self

The above enhancement is proposed to be granted and M/s AGEL is requested to note that the net injection at any point of time shall not exceed the quantum of total Connectivity granted to the existing Connectivity grantee i.e., M/s AGEL (Appl. No. 230700006) for 1000MW. Further, M/s AGEL (Appl. No. 230700006) shall be responsible for compliance with the Grid Code and other regulations of the Central Commission for the above additional generation capacity as 'Lead generator' in terms of clause (y)(ii) of Regulation 2.1. Further, M/s AGEL shall submit the technical connection data i.r.o. above additional capacity for checking necessary compliances at the earliest so as to provide sufficient time for ensuring necessary compliances.

It was informed that the applicant shall be eligible only for injection of power into ISTS & shall not be eligible for drawl of power from the grid. Accordingly, the BESS associated with REGS shall be eligible to draw power only from the co located REGS without depending on the ISTS Grid for power drawal.

Applicant requested to remove the restriction on drawl of power for BESS being setup under clause 5.2 of CERC's GNA Regulation and allow peak power drawal of 510MW (3hr) against the aforementioned connectivity application.

It was explained that application under Reg. 5.2 is for addition of generation capacity within the quantum of connectivity already granted to ISTS. Since the connectivity is granted only for injection of power, application under 5.2 cannot be used for drawal of power by BESS against the original grant.

Applicant mentioned that in such a scenario, they would like to draw power under T-GNA.

GRID-INDIA was requested to revert in case BESS under 5.2 can be allowed in T-GNA in case margins for drawal exist in ISTS network.

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GRID-INDIA suggested that for Guaranteed drawal, standalone ESS application should be made under Reg. 4.1 of the GNA Regulations as such a large power drawal on short term margins is not preferable from Grid security and ATC/TTC point of view.

Applicant stated that based on response of GRID-INDIA, they would consider their next course of action. Accordingly, it was decided that the application would be taken up for discussions in the next CMETS meeting.

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Sl. No.	Application ID	Name of the Applicant	Nature of Applicant	Submission Date	Region	Project Location	Connectivity location	Planned additional capacity (MW)	Date from which additional generation capacity will be added
2.	2200002012	Adani Green Energy Limited	(x) Renewable Power Park developer	30-04-2025	WR	Khavda, Gujarat	KPS-III	BESS: 316 (Injection for 3hr – confirmed vide letter dated 28.06.2025)	30-06-2026 With the availability of CTS Augmentation for connectivity under GNA

- Energy Source: Hybrid (RHGS)
- Application number of already granted Connectivity: 0230700009
- Cumulative Connectivity granted: 1050 MW
- Owner of additional generation capacity: Self

The above enhancement was agreed to be granted and M/s AGEL was requested to note that the net injection at any point of time shall not exceed the quantum of total Connectivity granted to the existing Connectivity grantee i.e., M/s AGEL (Appl. No. 0230700009) for 1050MW. Further, M/s AGEL (Appl. No. 0230700009) shall be responsible for compliance with the Grid Code and other regulations of the Central Commission for the above additional generation capacity as 'Lead generator' in terms of clause (y)(ii) of Regulation 2.1. Further, M/s AGEL shall submit the technical connection data i.r.o. above additional capacity for checking necessary compliances at the earliest so as to provide sufficient time for ensuring necessary compliances

It was informed that the applicant shall be eligible only for injection of power into ISTS & shall not be eligible for drawl of power from the grid. Accordingly, the BESS associated with REGS shall be eligible to draw power only from the co located REGS without depending on the ISTS Grid for power drawal.

Applicant requested to remove the restriction on drawl of power for BESS being setup under clause 5.2 of CERC's GNA Regulation and allow peak power drawal of 340MW (3hr) against the aforementioned connectivity application.

It was explained that application under Reg. 5.2 is for addition of generation capacity within the quantum of connectivity already granted to ISTS. Since the connectivity is granted only for injection of power, application under 5.2 cannot be used for drawal of power by BESS against the original grant.

Applicant mentioned that in such a scenario, they would like to draw power under T-GNA.

GRID-INDIA was requested to revert in case BESS under 5.2 can be allowed in T-GNA in case margins for drawal exist in ISTS network.

GRID-INDIA suggested that for Guaranteed drawal, standalone ESS application should be made under Reg. 4.1 of the GNA Regulations as such a large power drawal on short term margins is not preferable from Grid security and ATC/TTC point of view.

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Applicant stated that based on response of GRID-INDIA, they would consider their next course of action. Accordingly, it was decided that the application would be taken up for discussions in the next CMETS meeting.

Sl. No.	Applicati on ID	Name of the Applicant	Nature of Applicant	Submission Date	Region	Project Location	Connectivity location	Planned additional capacity (MW)	Date from which additional generation capacity will be added
3.	2200002008	SARJAN REALITIES PRIVATE LIMITED	(x) Renewable Power Park developer	30-04-2025	WR	Khavda, Gujarat	KPS-III	ESS: 475 (Injection for 3hr – confirmed vide letter dated 28.06.2025)	31-03-2026 With the availability of CTS Augmentation for connectivity under GNA

- Energy Source: Hybrid (RHGS)
- Application number of already granted Connectivity: 0230700012
- Cumulative Connectivity granted: 1250 MW
- Owner of additional generation capacity: Self

The above enhancement is proposed to be granted and M/s SRPL is requested to note that the net injection at any point of time shall not exceed the quantum of total Connectivity granted to the existing Connectivity grantee i.e., M/s SRPL (Appl. No. 0230700012) for 1250MW. Further, M/s SRPL (Appl. No. 2200001064) shall be responsible for compliance with the Grid Code and other regulations of the Central Commission for the above additional generation capacity as 'Lead generator' in terms of clause (y)(ii) of Regulation 2.1. Further, M/s SRPL shall submit the technical connection data i.r.o. above additional capacity for checking necessary compliances at the earliest so as to provide sufficient time for ensuring necessary compliances

It was informed that the applicant shall be eligible only for injection of power into ISTS & shall not be eligible for drawl of power from the grid. Accordingly, the BESS associated with REGS shall be eligible to draw power only from the co located REGS without depending on the ISTS Grid for power drawal.

Applicant requested to remove the restriction on drawl of power for BESS being setup under clause 5.2 of CERC's GNA Regulation and allow peak power drawal of 510MW (3hr) against the aforementioned connectivity application.

It was explained that application under Reg. 5.2 is for addition of generation capacity within the quantum of connectivity already granted to ISTS. Since the connectivity is granted only for injection of power, application under 5.2 cannot be used for drawal of power by BESS against the original grant.

Applicant mentioned that in such a scenario, they would like to draw power under T-GNA.

GRID-INDIA was requested to revert in case BESS under 5.2 can be allowed in T-GNA in case margins for drawal exist in ISTS network.

GRID-INDIA suggested that for Guaranteed drawal, standalone ESS application should be made under Reg. 4.1 of the GNA Regulations as such a large power drawal on short term margins is not preferable from Grid security and ATC/TTC point of view.

Applicant stated that based on response of GRID-INDIA, they would consider their next course of action. Accordingly, it was decided that the application would be taken up for discussions in the next CMETS meeting.

List of Participants as per MS Teams Record

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