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/00/44th CMETS-WR

Date: 23.04.2026

As per distribution list

Subject: Minutes of the 44th Consultation Meeting for Evolving Transmission Schemes in Western Region held on 10.04.2026 -reg.

Sir,

Please find enclosed the minutes of 44th Consultation Meeting for Evolving Transmission Schemes in Western Region held on 10.04.2026 through video conferencing.

The minutes are also available at our website (www.ctuil.in>>ISTS Planning and Coordination>>Consultation Meetings for ISTS).

Thanking you,

Yours Sincerely

(Anil Kumar Meena)
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

1. Shri Pavan Kumar Gupta Juniper Green Gem Private Limited Application nos:2200002890, 2200002862 & 2200002859 Candor TechSpace, Tower-4, 4th Floor, Sector-48, Gurugram, 122001 pavan.gupta@junipergreenenergy.com; BD@junipergreenenergy.com; 9560540654	**2. Shri Ashutosh Vyas** Hero Solar Energy Private Limited Application nos:2200002926 & 2200002927 Plot No. 201, Ground Floor, Okhla Industrial Estate,Phase-III ashutosh.vyas@herofutureenergies.com; bdsolargrid@herofutureenergies.com; 9953314792
3. Shri Animesh Manna NTPC Renewable Energy Limited Application nos:2200002744, 2200002745, 2200002809 & 2200002810 NETRA Building, E-3, Ecotech-II, Udyog Vihar, Greater Noida, PIN - 201306 amanna@ntpc.co.in; ramprakash@ntpc.co.in; 9650997835	**4. Shri Yogesh Kumar Sanklecha** Acme Solar Holdings Limited Application no:2200002979 Plot No.: 152 Sector 44, Gurugram-122002, (Haryana)India yogesh@acme.in; apradhan@acme.in 8744060601
5. Shri Dhir Singh Solarcraft Power India 16 Private Limited Application no:2200003004 109, First Floor, Rishabh IPEX Mall, IP Extension Patparganj, Delhi 110092, India dhir.singh@blupineenergy.com; manish.verma@blupineenergy.com; 9993846698	

Minutes of the 44th Consultation Meeting for Evolving Transmission Schemes in Western Region held on 10.04.2026

Chief General Manager (Transmission Planning), CTUIL, welcomed all the participants. It was informed that the primary agenda of the meeting was deliberation on applications received under Regulation 5.2 (RoFR) pursuant to the 3rd amendment to Connectivity & GNA Regulations, 2022. The list of participants is enclosed in **Annexure-I.**

A. Processing of Applications Received for Transition under the 3rd Amendment:

1. CTUIL informed the participants that:

   - 3rd amendment of Connectivity & GNA Regulations 2022 was notified by CERC vide Gazette dated 09.09.2025.
   - As per Reg. 5.11(b) of the GNA Regulations, entities which are REGS (with or without ESS) or RPPD, based on solar source, or RHGS with a combination of solar source with another source (with or without ESS), in respect of which:
     - in principle or final grant of Connectivity has been intimated, or
     - where GNA is effective,

     shall be converted into an entity with solar-hour access, with:
     - Injection-scheduling rights during solar hours corresponding to the Connectivity quantum, and
     - Injection-right during non-solar hours limited to:
       - the capacity from non-solar sources, and
       - in any case, not exceeding the overall Connectivity quantum.
   - In line with the above provisions, the list of existing entities granted in-principle and/or final Connectivity intimations, or where GNA was effective, along with:
     - solar hour access,
     - corresponding injection rights during solar and non-solar hours,
     - Margins for non-solar hour access

     were published in CTUIL website seeking observations and comments from stakeholders.

- Further, such entities were provided a window of 3 months from the date of effectiveness of the 3rd amendment (i.e., from 09.09.2025) to apply for additional capacity under Regulation 5.2 or 5.11(a).
- Subsequently, the Hon'ble CERC, vide suo-moto Order No.14/SM/2025 dated 08.12.2025, extended the timeline for transition under the 3rd amendment for a further 75 days, beyond the initial 3-month window. Accordingly, the extended timeline for submission of application under Regulation 5.2 or Regulation 5.11(a) under Right of First Refusal (RoFR) has ended on **21.02.2026**.
- As per the Regulations, CTUIL is required to process applications received under Regulations 5.2 & 5.11(a) within the above transition window (i.e., 3 months plus 75 days). Based on the grant of such applications, the injection rights during non-solar hours of the concerned entities are required to be revised accordingly.

2. CTU informed that, considering the large no. of applications received during the transition period, the applications are being processed in multiple phases. In the present phase, applications submitted under Regulation 5.2 (RoFR) and received during 09.09.2025 to 31.01.2026 are being taken up for discussion and grant.

3. CTU further informed that three meetings were held on 09.02.2026, 20.02.2026, and 17.03.2026 under the chairmanship of the Chairperson, CEA, on the subject **"Issues related to processing the connectivity applications received from RE Developers"**. Objective of the meeting was to maximise the utilization of transmission system beyond solar hours. It was highlighted that, as it is becoming increasingly costlier and difficult to build new transmission lines in highly concentrated RE potential zones, there is need to integrate maximum additional RE capacity at such substation. It was also being observed that applicants did not have visibility of charging sources in several cases and that some connectivity applications were for injection duration of even less than 2 hours. Blocking of non-solar hour connectivity for such applicants would have been a suboptimal solution. As per CEA study, a minimum of energy storage duration of 2 hours is recommended initially and this will increase to 4-6 hrs in phases. This will also reduce the transmission charges which is ultimately being paid by the consumers.

4. In the above meetings, the following directions were issued to CTUIL:

- **Eligibility under RoFR**: Only BESS applications with a minimum storage duration of **2 hours** shall be considered for the grant of connectivity under the RoFR mechanism. Higher duration of storage keeping the peak capacity same is further

advantageous and hence developers may consider for higher no of hours and integrate commensurate addition REGS connected to the same substation.

- **Mandating REGS for Charging of BESS:** All BESS applications shall be mandated to install commensurate REGS (solar and/or wind) for charging their BESS. This will enable more RE sources getting integrated with the grid without constructing any additional Inter State transmission system.

In view of the above directions, the following shall be considered for the grant of Connectivity:

a. Minimum Storage Requirement:

Applications submitted under Regulation 5.2 or Regulations 5.11(a) under RoFR, with a storage duration of 2 hours and above, shall only be granted connectivity.

Further, applications with a storage duration less than 2 hours shall be taken up for processing only after the enhancement of storage duration to meet the minimum 2 hours requirement.

b. Restriction on Drawal from ISTS:

- All BESS applicants shall install commensurate REGS (solar and/or wind) for charging their BESS. However, in order to address the concern of the RE developers, it was agreed that till commissioning of the REGS, BESS may be charged from ISTS grid as per the margin available in the system. During non-availability of power at the REGS (say during night time or cloudy conditions etc), BESS may also be charged from ISTS grid as per the margin available in the system.

5. Key Issues raised by the generation developers/other stakeholders w.r.t. the above proposal:

i) ACME Solar Holdings Limited

ACME submitted that charging of BESS from the ISTS is both operationally and commercially essential, particularly during the early stages of deployment when co-located RE capacity is yet to be commissioned and for enabling two-cycle operation of batteries. It was further submitted that CERC orders, including Suo Motu Order No. 14/SM/2025, envisage grid charging

subject to system studies, and that imposing a blanket ban on ISTS drawal under the RoFR mechanism deviates from the extant regulatory framework. ACME also highlighted that batteries are urgently required for grid support and curtailment mitigation, and that mandating the prior installation of RE capacity would delay BESS deployment.

Considering the above, ACME requested to allow grid charging of BESS, at least on an interim basis, until commensurate RE capacity is installed.

ii) Juniper Green Energy Limited / Juniper Green Gem Private Limited

Juniper expressed reservations regarding the restriction on ISTS drawal for charging BESS, stating that such a restriction has no explicit basis in the GNA Regulations and undermines the core objective of BESS in mitigating curtailment. Juniper highlighted that daytime curtailment in Rajasthan and Gujarat is severe, at times reaching up to 100%, and that BESS is intended to absorb surplus daytime solar generation to relieve existing transmission constraints; however, mandating additional solar capacity exclusively for charging may not effectively address congestion. It was further stated that FDRE and RTC project configurations often involve geographically separated wind and solar assets, making charging of BESS from distant RE sources through ISTS integral to such designs. Commercial concerns were also raised, noting that grid power during periods of daytime surplus is significantly cheaper than captive solar LCOE, and that mandatory own-RE charging would increase the cost of storage and reduce overall market efficiency.

Considering the above, Juniper requested that BESS charging be allowed from ISTS or existing RE generation projects, and that differentiated treatment be considered for FDRE and merchant storage cases.

iii) Hero Solar Energy Private Limited (HSEPL)

HSEPL submitted that BESS supports multiple use cases, including curtailment mitigation under GNA, merchant market participation, RTC/FDRE compliance, and applications related to green hydrogen and its derivatives, and that a uniform restriction on charging BESS from the ISTS would adversely impact all these use cases. It was highlighted that in many projects BESS can be commissioned much earlier than the associated solar or wind capacity, and developers therefore require flexibility to initially operate batteries on a merchant basis. HSEPL also flagged land constraints near the Lakadia-II pooling station as a challenge for installing additional RE capacity.

Considering the above, HSEPL requested a temporary allowance of BESS charging from ISTS for early commissioned BESS. They further requested case-specific flexibility where land availability for additional RE is constrained.

iv) NTPC Renewable Energy Limited (NTPC-REL)

NTPC Renewable Energy Limited (NTPC-REL) submitted that its applications were filed strictly in accordance with the prevailing regulatory framework, under which grid charging of BESS was envisaged. NTPC-REL highlighted that multiple BESS and hybrid projects across various pooling stations had been planned on the assumption of charging flexibility, and that the sudden introduction of charging restrictions could adversely impact project planning and implementation timelines. It was also pointed out that land constraints may be encountered for the installation of additional RE capacity. In this context, NTPC-REL sought clarification on whether any additional solar capacity required for charging BESS must be installed separately or could be adjusted through existing connectivity.

v) Blue Pine Energy (Solarcraft)

Blue Pine drew attention to the CERC Sharing of Transmission Charges Regulations, which permit limited grid drawal, such as for auxiliary power requirements, and queried how a complete restriction on ISTS drawal for charging BESS aligns with these provisions. Blue Pine sought regulatory clarity on this aspect to avoid conflicting interpretations during project operation and transmission charge billing.

vi) WRLDC, Grid India

WRLDC highlighted that the Short Circuit Ratio (SCR) is already low at certain pooling stations, particularly Lakadia and Khavda, and cautioned that the addition of further inverter-based resources, such as solar generation coupled with BESS, could further weaken grid strength at these locations. WRLDC also raised operational concerns regarding the absence of clarity on battery cycling patterns, noting that such uncertainty could pose challenges for grid operation, especially during shoulder hours. WRLDC recommended deploying grid-forming inverters and synchronous condensers to enhance the Short Circuit Ratio (SCR) at pooling stations where SCR levels are low.

vii) MNRE

MNRE suggested that the views of the RE developers shall be considered before enforcing the installation of commensurate RE capacity for charging of their BESS capacity.

6. After above views and concerns of RE developers, following were clarified:

   a. The conditions being proposed for RoFR based BESS applications are based on directions issued in the above CEA meetings wherein it was emphasized that the fundamental objective of the 3rd amendment and associated framework is to improve over-all utilisation of ISTS capacity under non-solar hours and prevent under-utilisation of transmission infrastructure implemented for evacuation of solar generation.

      The concept of solar hour access and non-solar hour access was introduced to address, under-utilisation of ISTS during evening / night hours and non-solar hour access under RoFR was specifically designed as a privilege to existing connectivity grantees, enabling them to make effective use of under-utilized transmission capacity during non-solar hours.

   b. RE developers mentioned that they have submitted BESS applications considering the drawl from ISTS grid for charging, however in case of the mandate for installation of commensurate RE for charging of BESS then sufficient time shall be provided for installation of RE generation and during the interim period charging from ISTS grid may be allowed. CTU informed that considering the issues raised by various developers it may be permitted to install BESS earlier than the commissioning of the commensurate RE. The BESS charging from ISTS may be allowed during the interim period and any transmission augmentation for BESS charging would not be under-taken.

      However, the developers agreeing to install additional RE must ensure that commensurate RE capacity is installed within 36 months from the date of the in-principle grant of connectivity to BESS or firm start date of existing connectivity, whichever is later.

   c. Solar hour connectivity is granted exclusively for injection during solar hours. If a developer proposes to use existing solar generation/ISTS drawl for charging BESS and does not wish to install additional RE for charging of BESS, it would not be able to utilise the Connectivity quantum to its full / granted capacity and hence, the equivalent under-utilised connectivity quantum, for such type of cases, shall be considered as deemed surrendered for utilisation by other entities.

CTU reiterated that a minimum storage duration of 2 hours is optimal for BESS under RoFR. It was also clarified that in case RE developers have considered charging of BESS for 2 hours and discharging is less than 2 hours (about 10% less), same shall also be considered for grant. Same has been confirmed by all the RE developers in the meeting that their BESS storage duration is of minimum 2 hrs.

Regarding inputs from WRLDC on SCR issues, CTUIL clarified that these issues due to the installation of additional (solar + BESS) shall be studied in joint study meetings with stakeholders including CEA & Grid-India for appropriate resolution.

d. Regarding requests from certain developers to allow charging of BESS from ISTS or existing RE generation projects in cases of FDRE (multi-located) and merchant storage, it was informed that RE projects cannot be differentiated based on the nature of deployment such as FDRE or merchant arrangements, and that similar treatment is required to be accorded to all projects.

e. Generally, margins are available for grant of Connectivity for non-solar hour access and the same have already been declared at CTU website. It is expected that the applications received under RoFR shall be accommodated in the margins.

f. The ROFR applicants were requested to submit their confirmation for installation of commensurate RE generation or requirement of drawl from ISTS at the earliest but not later than 3 months from the date of issuance of these minutes. It was also informed that the grant of Connectivity shall be processed and issued to the BESS applicants immediately on submission of confirmation for installation of commensurate RE generation corresponding to BESS capacity.

g. ROFR applicants, who proposes to use existing solar generation/ISTS drawl for charging BESS and does not wish to install additional RE for charging of BESS, shall submit reasons for non-installation of commensurate RE generation. Equivalent access/solar connectivity quantum shall be considered as deemed surrendered for utilisation by other entities. In such cases, the grant of Connectivity shall be processed and issued to the BESS applicants mentioning the Equivalent RE (for which connectivity has been deemed surrendered) for charging of BESS.

h. Non-ROFR applications shall be processed thereafter subject to the availability of margins.

7. The list of applications under Reg. 5.2 received from 09.09.2025 to 31.01.2026 (RoFR period) by CTU in WR was mentioned as per the details below:

i. Applications under Reg. 5.2 received from 09.09.2025 to 31.01.2026 (RoFR period)

(Already noted in the 42nd CMETS-WR held on 26.02.2026)

Sl. No.	Application ID & Submission Date	Name of the Applicant	Location (Requested)	Criterion for applying	Installed Capacity Sought (MW)	Name of Pooling Station	Quantum (MW)	Date from which additional generation capacity (MW) will be added	Drawl requested (MW)	Connectivity application number of existing grantee	Start Date of Existing Grantee
1.	2200002744 7-Dec-25	NTPC Renewable Energy Limited	Khavda, Kutch	Land Route	83 MW (Wind)	KPS-III	0	30/06/2028	-	230700010 (1200MW) (Solar)	19/11/2026 (Firm)
2.	2200002745 7-Dec-25	NTPC Renewable Energy Limited	Khavda, Kutch	Land Route	27 MW (Wind)	KPS-II	0	30/06/2028	-	2200000093 (1995MW) (Solar)	19/11/2026 (Firm)
3.	2200002810 7-Dec-25	NTPC Renewable Energy Limited	Khavda, Kutch	Land Route	100MW (2 Hr) (BESS)	KPS-III	0	30/06/2028	100 MW (2.5 Hr)	230700010 (1200MW) (Solar)	19/11/2026 (Firm)
4.	2200002809 7-Dec-25	NTPC Renewable Energy Limited	Khavda, Kutch	Land Route	300MW (2 Hr) (BESS)	KPS-II	0	30/06/2028	300 MW (2.5 Hr)	2200000093 (1995MW) (Solar)	19/11/2026 (Firm)
5.	2200002862 8-Dec-25	Juniper Green Energy Limited (JGEPL)	Village-PiplyaKaradiya, Tehsil-Mandsaur, Mandsaur	Land Route	100MW (2 Hr) (BESS)	Mandsaur PS	0	31/03/2028 (requested) 30/06/2028 (revised) Original Connectivity Start Date: 30/06/2028	111 MW	2200000428 (300MW) (Solar: 100MW & Wind: 200MW)	30/06/2028 (Firm)
It was informed that at Mandsaur PS, about 4.5 GW Connectivity has been granted to RE developers (2.998 GW on 400 kV Bus Section-I and 1.5 GW on 400 kV Bus Section-II). Further, 2.024 GW Connectivity with non-solar hour access has been granted to Greenko MP01 IREP Private Limited for its 2.024 GW PSP on 400kV Bus Section-I. The 400 kV Sectionaliser at Mandsaur PS is proposed to be kept normally open, after the substation is planned for full capacity of 6 GW (3 GW on each bus section), as discussed in the 43rd CMETS-WR meeting held on 24.03.2026. In view of the same, margin for evacuation of only 3 GW would remain on each 400 kV bus section, considering N-1 of 3x1500 MVA 765/400 kV ICTs planned on each bus section. It is observed that non-solar capacity at 400 kV Bus Section-I has already exceeded this 3 GW limit, and hence, no further margins are available on this section.										

Sl. No.	Application ID & Submission Date	Name of the Applicant	Location (Requested)	Criterion for applying	Installed Capacity Sought (MW)	Name of Pooling Station	Quantum (MW)	Date from which additional generation capacity (MW) will be added	Drawl requested (MW)	Connectivity application number of existing grantee	Start Date of Existing Grantee
JGEPL submitted that, at the time of filing the application, it was not known that the non-solar hour margins at Mandsaur Pooling Station were already exhausted at the particular bus section to which their project is proposed to be connected. The applicant further stated that, with an intent to ensure optimum utilisation of the transmission system, they propose to install the BESS within their existing connectivity quantum, corresponding to 200 MW of non-solar hour access, and without seeking creation of any additional non-solar hour evacuation margins at the pooling station. JGEPL reiterated that such an arrangement would allow effective utilisation of their already granted connectivity. It was informed that against the existing Connectivity of 300 MW granted to JGEPL at Mandsaur PS, solar hour access with injection scheduling rights during Solar Hours is 300 MW and injection scheduling right during non-Solar Hours is 200 MW. Considering that no further margins available for grant of non-solar hour access at 400 kV bus section-I of Mandsaur PS, the additional BESS capacity for 100 MW was agreed to be granted without any change in injection scheduling rights during Solar Hours and non-Solar Hours.										
6.	2200002859 8-Dec-25	Juniper Green Energy Limited	Village-Kumbhariya, Tehsil - Rapar, Katchchh (Kutch)	Land Route	200MW (2 Hr) (BESS)	Lakadiya PS	0	31/03/2028 (requested) 31/03/2029 (revised)	223 MW	2200000511 (200MW) (Solar)	31/03/2029 (Firm)
7.	2200002890 8-Dec-25	Juniper Green Gem Private Limited	Chhadwel (P), Taluka - Sakri, Dhule	Land Route	100MW (2 Hr) (BESS)	Dhule ISTS	0	31/03/2028 (requested) 30/06/2028 (revised)	111 MW	2200001276 (100MW) (Solar)	30/06/2028 (Firm)
8.	2200002926 8-Dec-25	Hero Solar Energy Private Limited (HSEPL)	Badargadh, Khirai, Debrasa, Nilpar, Tindalava Mota, Badalpur, Naliyatimbo, Kutch, Gujarat	Land BG Route	50MW (Solar) 130MW (4Hr) (BESS)	Lakadia-II PS	0	31/03/2027 (requested)	0	2200000978 (270MW) (Solar: 220 MW, Wind: 52.8 MW & BESS: 5 MW (4Hr))	31.10.2027 (Tentative) 30.06.2029 (Presently envisaged start date)
Applicant vide letter dated 08.12.2025 has requested a source change (application no 2200000978) as per details given below, and the same is under process:											

Sl. No.	Application ID & Submission Date	Name of the Applicant	Location (Requested)	Criterion for applying	Installed Capacity Sought (MW)	Name of Pooling Station	Quantum (MW)	Date from which additional generation capacity (MW) will be added	Drawl requested (MW)	Connectivity application number of existing grantee	Start Date of Existing Grantee

Sl. No.	Application No.	Application route	Intimation Dates & Firm Start Date of Connectivity	Connectivity Granted (MW)	Original IC against Connectivity (MW)	Change in IC sought against Connectivity (MW)
1.	2200000978	Land BG	In-Principle: 24.03.2025 Likely Start date: 31.10.2027	270	277.8 Hybrid (RHGS)) (Solar: 220, Wind: 52.8 & BESS: 5)	275 (Solar: 270 & BESS: 5)

In the letter, it was mentioned that the applicant shall be applying for an enhanced 50 MW Solar capacity under Regulation 5.2 of GNA Regulations, 2022. If the above application is processed, the I.C of Solar shall change from 270 MW to 320 MW.

Applicant in the present application has applied for an additional capacity of only 50 MW solar. However, under the ESS capacity, 130 MW BESS was mentioned.

Applicant vide letter dated 31.12.2025 has provided the following clarification:

- Since we are unable to provide additional component details under "**Details Of Earlier Connectivity**" and "**Planned Additional Capacity With Expected Timeline for Completion of the Generation Project/Renewable Power Park (Stage-Wise**)" headings on the NSWS portal. Therefore, it is requested that CTUIL consider the following details in the above-mentioned headings.

"DETAILS OF EARLIER CONNECTIVITY"

RESOURCE TYPE IN EXISTING CONNECTIVITY *(Already mentioned in application)*

Resource Type	Solar
Capacity (MW)	220

RESOURCE TYPE IN EXISTING CONNECTIVITY 2 *(Already mentioned in application)*

Resource Type	WIND
Capacity (MW)	52.8

Sl. No.	Application ID & Submission Date	Name of the Applicant	Location (Requested)	Criterion for applying	Installed Capacity Sought (MW)	Name of Pooling Station	Quantum (MW)	Date from which additional generation capacity (MW) will be added	Drawl requested (MW)	Connectivity application number of existing grantee	Start Date of Existing Grantee

"PLANNED ADDITIONAL CAPACITY WITH EXPECTED TIMELINE FOR COMPLETION OF THE GENERATION PROJECT/RENEWABLE POWER PARK (STAGE-WISE)"

Planned Additional Capacity with expected time line *(Already mentioned in application)*

Quantum of Additional generation capacity (MW)	50
Source	SOLAR
Date from which additional generation capacity (MW) will be added	31/03/2027

Planned Additional Capacity with expected time line 2 *(No option to add this information against the query)*

Quantum of Additional generation capacity (MW)	130
Source	ESS
Date from which additional generation capacity (MW) will be added	31/03/2027

Applicant was requested to clarify if they want to go ahead with subject 5.2 application and the source change request, both, or if they are contemplating some other arrangement.

Representative of HSEPL stated that while the application No. 2200002926 is beyond the Change of Source request, they shall provide formal communication separately after the meeting, after discussions with higher management, and requested that the application be processed further based on clarification that they would be sending after the meeting. After deliberations, it was decided that, the subject application shall be taken up for discussion in the next CMETS-WR meeting.

It was further informed that HSEPL has been issued an in-principle grant of Connectivity at Lakadia-II PS. The transmission system identified for grant of connectivity under GNA includes Lakadia-II (7.5 GW) scheme, which has recently been agreed in the NCT meeting. Accordingly, the final grant of connectivity shall be issued shortly with a firm start date after award of the subject scheme. In view of the above, the subject application shall be processed only after issuance of the final grant intimation and subsequent to signing of the connectivity agreement by the above applicant.

Subsequently, HSEPL vide letter dated 15.04.2026 clarified that the 5.2 application No. 2200002926 is beyond the Change of Source request.

9.	2200002927 8-Dec-25	Hero Solar Energy Private Limited	Village: Chitrod, Tehsil: Rapad, Kutchh, Gujarat	Land BG Route	25MW (Solar) 30MW (2Hr) (BESS)	Lakadia-II PS	0	30/04/2027	0	2200000737 (280MW) (Solar: 120 MW, Wind: 180 MW & BESS: 30 MW (4Hr))	31.10.2027 (Tentative) 30.06.2029 (Presently envisaged start date)

Sl. No.	Application ID & Submission Date	Name of the Applicant	Location (Requested)	Criterion for applying	Installed Capacity Sought (MW)	Name of Pooling Station	Quantum (MW)	Date from which additional generation capacity (MW) will be added	Drawl requested (MW)	Connectivity application number of existing grantee	Start Date of Existing Grantee

Applicant vide letter dated 08.12.2025 have requested for source change (application no 2200000737) as per the details given below, and same is under process:

Sl. No.	Application No.	Application route	Intimation Dates & Firm Start Date of Connectivity	Connectivity Granted (MW)	Original IC against Connectivity (MW)	Change in IC sought against Connectivity (MW)
1.	2200000737	Land BG	In-Principle: 25.03.2025 Likely Start date: 31.10.2027	280	(Solar: 120 MW, Wind: 180 MW & BESS: 30 MWHr)	330.1 [145MW (Solar), 155.1MW (Wind) & 30MW (BESS)]

In the letter, it was mentioned that the applicant shall be applying for enhanced 25 MW Solar capacity under Regulation 5.2 of the GNA Regulations, 2022. If the above application is processed, the I.C of Solar shall change from 145 MW to 170 MW.

The applicant in the present application has applied for an additional capacity of only 25 MW solar. However, under the ESS capacity, 30 MW BESS was mentioned.

Applicant vide letter dated 31.12.2025 has provided the following clarification:

- Since we are unable to provide additional component details under "**Details Of Earlier Connectivity**" and "**Planned Additional Capacity with Expected Timeline for Completion of the Generation Project/Renewable Power Park (Stage-Wise)"** headings on the NSWS portal. Therefore, it is requested that CTUIL consider the following details in the above-mentioned headings.

"DETAILS OF EARLIER CONNECTIVITY"

RESOURCE TYPE IN EXISTING CONNECTIVITY *(Already mentioned in application)*

Resource Type	Solar
Capacity (MW)	120

RESOURCE TYPE IN EXISTING CONNECTIVITY 2 *(Already mentioned in application)*

Resource Type	WIND
Capacity (MW)	180

Sl. No.	Application ID & Submission Date	Name of the Applicant	Location (Requested)	Criterion for applying	Installed Capacity Sought (MW)	Name of Pooling Station	Quantum (MW)	Date from which additional generation capacity (MW) will be added	Drawl requested (MW)	Connectivity application number of existing grantee	Start Date of Existing Grantee

RESOURCE TYPE IN EXISTING CONNECTIVITY 3 *(No option to add this information against the query)*

Resource Type	ESS
Capacity (MW)	30

"PLANNED ADDITIONAL CAPACITY WITH EXPECTED TIMELINE FOR COMPLETION OF THE GENERATION PROJECT/RENEWABLE POWER PARK (STAGE-WISE)"

Planned Additional Capacity with expected time line *(Already mentioned in application)*

Quantum of Additional generation capacity (MW)	25
Source	SOLAR
Date from which additional generation capacity (MW) will be added	30/04/2027

Planned Additional Capacity with expected time line 2 *(No option to add this information against the query)*

Quantum of Additional generation capacity (MW)	30
Source	ESS
Date from which additional generation capacity (MW) will be added	30/04/2027

Applicant was requested to clarify if they want to go ahead with subject 5.2 application and the source change request both or they are contemplating some other arrangement.

Representative of HSEPL stated that while the application No. 2200002927 is beyond the Change of Source request, they shall provide formal communication separately after the meeting after discussions with higher management and requested that the application be processed further based on clarification that they would be sending after the meeting. After deliberations, it was decided that the subject application shall be taken up for discussion in the next CMETS-WR meeting.

It was further informed that Hero Solar Energy Private Limited has been issued in-principle grant of Connectivity at Lakadia-II PS. Transmission system identified for grant of connectivity under GNA includes Lakadia-II (7.5GW) scheme which has recently been agreed in the NCT meeting. Accordingly, final grant of connectivity shall be issued shortly with firm start date after award of the subject scheme. In view of the above, the subject application shall be processed only after issuance of final grant intimation and subsequent to signing of connectivity agreement by above applicant.

Subsequently, HSEPL vide letter dated 15.04.2026 clarified that the 5.2 application No. 2200002927 is beyond the Change of Source request.

10.	2200002979 26-Dec-25	ACME Solar Holdings Limited	Golgam, Vav-tharad	Land Route	400MW (4 Hr) (BESS)	Raghanesda PS	0	31/03/2028	400 (4 Hr)	2200001064 (400MW) (Solar)	23.10.2027 (Firm)

Sl. No.	Application ID & Submission Date	Name of the Applicant	Location (Requested)	Criterion for applying	Installed Capacity Sought (MW)	Name of Pooling Station	Quantum (MW)	Date from which additional generation capacity (MW) will be added	Drawl requested (MW)	Connectivity application number of existing grantee	Start Date of Existing Grantee
11.	2200003004 05-Jan-26	Solarcraft Power India 16 Private Limited (SPI16PL)	Aland, Gulbarga, Karnataka	Land BG Route	67MW (Solar) & 19.8MW (Wind)	Solapur PS	0	31/12/2026	-	2200000440 150MW (Solar: 45.41 MW Wind: 155.19 MW ESS: 73.78 MWhr) *(on pro-rata basis as balance IC is considered against Appl. No. 2200001047)*	01.04.2026 (Firm)
It was informed that against the existing Connectivity of 150 MW granted to SPI16PL at Solapur PS, the injection scheduling rights during both Solar Hours and Non-Solar Hours are 150 MW. Accordingly, the additional generation capacity sought through the subject application shall be accommodated entirely within the already granted connectivity quantum of 150 MW and scheduling rights during both Solar Hours and Non-Solar Hours would remain same with the grant. After deliberations, the above generation capacity addition was agreed to be granted, and M/s SPI16PL was requested to note that the net injection at any point of time shall not exceed the total Connectivity quantum of 150MW.										

It was further informed that, additionally, four applications received in the month of Jan'26 under Regulation 5.2, for meeting technical compliances, were already discussed in the 43rd CMETS-WR held on 24.03.2026.

Applications received for the grant of additional generation capacity at various pooling stations in the Western Region under Regulations 5.2 of GNA Regulations have been listed in the above table.

It was informed that detailed study analysis has been carried out, and based on the results of the studies, it is proposed to grant addition in generation capacity to the above applicants against their existing connectivity at the respective pooling stations in the Western Region.

However, the applications corresponding to Sl. No. 8 (Application No. 2200002926 – Hero Solar Energy Private Limited) and Sl. No. 9 (Application No. 2200002927 – Hero Solar Energy Private Limited) are excluded from the present proposal for grant of

connectivity for the reasons discussed above. The proposed grant of connectivity for the remaining applications shall be considered in accordance with the details indicated below.

S. No.	Details of earlier grant of connectivity							Proposed details for addition in generation capacity					
	App. no. of Connectivity already granted	Connectivity already Granted (MW)	Installed capacity already granted (MW)	Injection Scheduling rights during Solar Hours (MW)	Injection Scheduling rights during Non-Solar Hours (MW)	Start date of connectivity	Pooling Station	App. no.	Applicant Name	Additional generation capacity proposed (MW)	SCoD of additional Generation Capacity under 5.2	Revised Injection Scheduling rights during Non-Solar Hours (MW)	Applicable Conn-BGs details
1.	2307000110	1200	1200 MW (Solar)	1200	0	19/11/2026 (firm)	KPS-III	2200002744 7-Dec-25	NTPC Renewable Energy Limited	83MW (Wind)	30/06/2028	183	●**Conn-BG1: Rs**. 50 lakhs ●**Conn-BG2:** NA ●**Conn-BG-3:** Rs. 1.64 Crs. (@Rs. 2.0 lakh/ MW)
2.						19/11/2026 (firm)	KPS-III	2200002810 7-Dec-25		100MW (2 Hr) (BESS)			●**Conn-BG1**: Rs. 50 lakhs ●**Conn-BG2**: NA ●**Conn-BG-3**: Rs. 2.0 Crs. (@Rs. 2.0 lakh/ MW)
3.	2200000093	1995	1995 MW (Solar)	1995	0	19/11/2026 (firm)	KPS-II	2200002745 7-Dec-25	NTPC Renewable Energy Limited	27 MW (Wind)	30/06/2028	327	●**Conn-BG1: Rs**. 50 lakhs ●**Conn-BG2:** NA ●**Conn-BG-3:** Rs. 0.54 Crs. (@Rs. 2.0 lakh/ MW)
4.						19/11/2026 (firm)	KPS-II	2200002809 7-Dec-25		300MW (2 Hr) (BESS)			●**Conn-BG1: Rs**. 50 lakhs ●**Conn-BG2:** NA ●**Conn-BG-3:** Rs. 6.0 Crs. (@Rs. 2.0 lakh/ MW)
5.	2200000428	300	300MW Solar: 100MW & Wind: 200MW	300	200	30/06/2028	Mandsaur PS	2200002862 8-Dec-25	Juniper Green Energy Limited (JGEPL)	100MW (2 Hr) (BESS)	30/06/2028	200	●**Conn-BG1: Rs**. 50 lakhs ●**Conn-BG2:** NA ●**Conn-BG-3:** Rs. 2.0 Crs. (@Rs. 2.0 lakh/ MW)

S. No.		Details of earlier grant of connectivity						Proposed details for addition in generation capacity					
	App. no. of Connectivity already granted	Connectivity already Granted (MW)	Installed capacity already granted (MW)	Injection Scheduling rights during Solar Hours (MW)	Injection Scheduling rights during Non-Solar Hours (MW)	Start date of connectivity	Pooling Station	App. no.	Applicant Name	Additional generation capacity proposed (MW)	SCoD of additional Generation Capacity under 5.2	Revised Injection Scheduling rights during Non-Solar Hours (MW)	Applicable Conn-BGs details
6.	2200000511	200	200 MW (Solar)	200	0	31/03/2029 (firm)	Lakadiya PS	2200002859 8-Dec-25	Juniper Green Energy Limited	200MW (2 Hr) (BESS)	31/03/2028 (requested) 31/03/2029 (revised)	200	● **Conn-BG1: Rs**. 50 lakhs ● **Conn-BG2:** NA ● **Conn-BG-3:** Rs. 4.0 Crs. (@Rs. 2.0 lakh/ MW)
7.	2200001276	100	100 MW (Solar)	100	0	30/06/2028 (firm)	Dhule ISTS	2200002890 8-Dec-25	Juniper Green Gem Private Limited	100MW (2 Hr) (BESS)	31/03/2028 (requested) 30/06/2028 (revised)	100	● **Conn-BG1: Rs**. 50 lakhs ● **Conn-BG2:** NA ● **Conn-BG-3:** Rs. 2.0 Crs. (@Rs. 2.0 lakh/ MW)
8.	2200001064	400MW	400 MW (Solar)	400	0	23/10/2027 (Firm)	Raghanesda PS	2200002979 26-Dec-25	ACME Solar Holdings Limited	400MW (4 Hr) (BESS)	31/03/2028	400	● **Conn-BG1: Rs**. 50 lakhs ● **Conn-BG2:** NA ● **Conn-BG-3:** Rs. 8.0 Crs. (@Rs. 2.0 lakh/ MW)

S. No.		Details of earlier grant of connectivity						Proposed details for addition in generation capacity					
	App. no. of Connectivity already granted	Connectivity already Granted (MW)	Installed capacity already granted (MW)	Injection Scheduling rights during Solar Hours (MW)	Injection Scheduling rights during Non-Solar Hours (MW)	Start date of connectivity	Pooling Station	App. no.	Applicant Name	Additional generation capacity proposed (MW)	SCoD of additional Generation Capacity under 5.2	Revised Injection Scheduling rights during Non-Solar Hours (MW)	Applicable Conn-BGs details
9.	2200000440	150MW	(Solar: 45.41 MW Wind: 155.19 MW ESS: 73.78 MWhr) *(on pro-rata basis as balance IC is considered against Appl. No. 2200001047)*	150	150	01/04/2026 (Firm)	Solapur PS	2200003004 05-Jan-26	Solarcraft Power India 16 Private Limited	67MW (Solar) & 19.8MW (Wind)	31/12/2026	150	• **Conn-BG1: Rs**. 50 lakhs • **Conn-BG2:** NA • **Conn-BG-3:** Rs. 1.736 Crs. (@Rs. 2.0 lakh/ MW)

Note:

(a) As per clause 5.2(g) of GNA Regulations 2022,

"*The scheduled date of commercial operation for such additional capacity shall be furnished along with the Application: Provided that the* ***scheduled date of commercial operation (SCOD) shall not be later than 24 months from the date of in-principle grant*** *of Connectivity by the Nodal Agency in case the additional capacity is REGS (with or without ESS) (except hydro generating station) or ESS (except PSP):*

Provided further that ***in case the SCOD, as per this clause, falls before the firm Start date of Connectivity of the existing Connectivity Grantee****, behind which additional capacity is sought to be added,* ***SCOD shall be considered as 'firm Start Date of Connectivity'*** *of the existing Connectivity Grantee."*

Accordingly, for applicants who have submitted SCoD for additional capacity beyond 24 months (Apr'28 or beyond), the SCoD shall be aligned with 24 months from the date of in-principle grant or firm start date of connectivity, as applicable in line with 5.2(g).

(b) Applicable Conn BGs are to be submitted within one month of the issuance of in-principle intimation. Upon submission of Conn BGs, final grant intimations shall be issued.

(c) The existing connectivity grantee 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, the existing connectivity grantee shall submit the technical connection data in relation to the above additional capacity for checking necessary compliances in a timely manner, so as to provide sufficient time for ensuring necessary compliances.

(d) Upon fulfilment of necessary compliances as per Regulations, the additional capacity granted under 5.2 shall be considered for revision of injection rights during non-solar hours of existing connectivity grantee in line with 5.11(b) of GNA Regulations.

(e) Balance ROFR applications under 5.2 & 5.11(a) received during the ROFR window shall be discussed in the subsequent CMETS-WR meeting.

8. It was agreed to include the following conditions in the Connectivity Intimations being issued for BESS applications received under RoFR in first phase , in accordance with regulation 5.2 (Solar hour access with injection scheduling rights during non-solar hours), or regulation 5.11(a) (non-solar hour access with injection scheduling rights during non-solar hours) who have confirmed for installation of commensurate REGS

"The entity has confirmed for installation of commensurate REGS (solar/wind) exclusively for charging of the BESS, hence, the entity shall be permitted to utilize the RE capacity granted under solar hour access or drawl from ISTS grid for charging of the BESS till such commensurate REGS capacity is installed subject to the margins available in the ISTS grid and said commensurate REGS shall be commissioned within a period of 36 months from the date of in-principle grant of connectivity to BESS or the firm start date of granted connectivity to BESS, whichever is later."

The meeting ended with a vote of thanks.

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Annexure-I: List of Participants

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