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/N/00/CMETS_NR/39 **Date:** 08-09-2025

As per distribution list

Subject: 39th Consultation Meeting for Evolving Transmission Schemes in Northern Region-Minutes of Meeting

Dear Sir/Ma'am,

Please find enclosed the minutes of the 39th Consultation Meeting for Evolving Transmission Schemes in Northern Region held on 28th July'2025 (Monday) through virtual mode.

The minutes are also available at CTU website (www.ctuil.in)

Thanking you,

Yours faithfully,

(Partha Sarathi Das)
Sr. General Manager (CTU)

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Minutes of 39th Consultation Meeting for Evolving Transmission Schemes in Northern Region held on 28.07.2025

A. Confirmation of Minutes:

It was informed that the 37th Consultation Meeting for Evolving Transmission Schemes in Northern Region (CMETS-NR) was held through VC on 27/03/2025. Minutes of the 37th CMETS-NR meeting were circulated vide CTU letter dated 16.05.2025. No comments were received by CTIL regarding this. However, following are the observations on minutes by CTUIL:

i) In case of remaining margin at Barmer-III PS mentioned at Page No. 17 under application of M/s Unique Hytech, in remarks regarding closing of Barmer-III PS, it is mentioned that "…*total connectivity granted at Barmer-III PS is 5961.5 MW. As Barmer-III PS was planned for 6000 MW, Barmer-III PS shall be closed for fresh connectivity grant except enhancements (**upto 39.5 MW**)".*

ii)

Here, the enhancement margin was inadvertently mentioned as 39.5 MW. Same may be read as 38.5 MW (6000-5961.5)

iii) Under the connectivity application of M/s Renew Solar (App. No. 2200001503 of 300 MW) at Page No. 12, in Conn BG Requirements section, requirement of Conn BG-2 is mentioned as "As per bay scope". The same is to be rectified as "Nil (Bay in sharing)" as the connectivity was agreed to be granted in sharing with App. No. 2200001086 of M/s Renew Solar as lead applicant.

Accordingly, minutes of 37th CMETS NR meeting is confirmed with above rectifications.

It was informed that the 38th Consultation Meeting for Evolving Transmission Schemes in Northern Region (CMETS-NR) was held through VC on 28.05.2025. Minutes of the 38th CMETS-NR meeting were circulated vide CTU letter dated 30.06.2025. Following were the observations/comments on the minutes of 38th CMETS NR meeting:

i) In Page No. 19 Para 4 under connectivity of M/s Solarcraft (App. No. 2200001749), voltage level was inadvertently mentioned as 400kV.

"…it was agreed to grant connectivity of 50 MW to M/s Solarcraft Power India 4 Private Limited at 400 kV Bhadla-III PS."
The same is being rectified and the voltage level may be read as 220 kV.

ii) At Page No. 4,7 & 8, it was inadvertently mentioned that the enhancement margin at 220 kV Barmer-III PS is 39.5 MW. The same may be read as 38.5 MW (6000-5961.5).

iii) Under the dedicated transmission system of Connectivity of following applications, mentioning the scope of Dedicated transmission line was inadvertently missed:

- M/s Hexa Climate(App. No. 2200001700) at Page No. 13
- M/s Tata Power(App. No. 2200001721) at Page no. 16
- M/s Waaree Forever(App. No. 2200001735 at Page no. 18

Accordingly, "**– Under Applicant Scope"** shall be added at the end of dedicated transmission system B(i) for above applications. The same shall be incorporated in the intimations as well.

No further comments were received by CTUIL. Accordingly, minutes of 38th CMETS NR meeting is confirmed with above corrections.

B. Reallocation of Connectivity at Fatehgarh-Barmer Complex: (Ratification)

B1. Revision of Connectivity of M/s Aditya Birla Renewables Limited (App. No. 2200001128: 100 MW) due to its reallocation from Barmer-II PS to Fatehgarh-III PS(Sec-II)

It was informed that a meeting for reallocation of connectivity at Fatehgarh-III PS (Sec-II) and Barmer-I PS in Fatehgarh – Barmer Complex was held on 20.06.2025 thorough VC. In the reallocation meeting, after detailed deliberations, the reallocation of connectivity of 100 MW to M/s Aditya Birla Renewables Limited earlier granted at Barmer-II PS to Fatehgarh-III PS(Sec-II) was agreed to be granted in sharing with M/s Aditya Birla Renewables Subsidiary Limited (App. No. 2200000138-390 MW) at Fatehgarh-III PS (Sec-II). Minutes of reallocation meeting is also uploaded on CTUIL website.

In the reallocation meeting, M/s Aditya Birla Renewables Limited had requested for revised start date of Connectivity for 100 MW from 30 June 2028. Considering the same & expected commissioning date of transmission system (i.e. 24.03.2027), the start date of Connectivity under GNA shall be 30.06.2028 as requested. Accordingly, revised transmission system for Connectivity under GNA for M/s Aditya Birla Renewables Limited 2200001128(100 MW) is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

M/s Aditya Birla Renewables Limited (ABRL) shall share the dedicated transmission system granted for connectivity of M/s Aditya Birla Renewables Subsidiary Limited(ABRSL) under App. No. 2200000138-390 MW as below:

(i). Solar PSS of M/s ABRSL (App. No. 2200000138 (390 MW)) & ABREL (RJ) Projects Limited (App. No. 2200000140 (260 MW)) - Fatehgarh-lll PS (Section-II) 400 kV S/c line (Suitable to carry minimum 900 MW at nominal voltage) **- Under Scope of M/s ABRSL**

(ii). 400 kV bay at Fatehgarh-III PS (Sec-II) end under ISTS

Internal Interconnection:

(iii). Wind PSS of M/s ABRSL (App. No. 2200000138 (390 MW)) – Solar PSS of M/s ABRSL (App. No. 2200000138 (390 MW) & ABREL (RJ) Projects Limited (App. No. 2200000140 (260 MW))) 400kV S/c line — **Under Scope of M/s ABRSL**

Connectivity of 260 MW to M/S ABREL (RJ) Projects Limited (App. No. 2200000140) & 100 MW to Aditya Birla Renewables Limited (App. No. 2200001128-100 MW) is granted in sharing with Aditya Birla Renewables Subsidiary Ltd (App. No. 2200000138) through same bay & DTL

C. Common Transmission system for Connectivity under GNA: As per **Annexure-I**

Start Date of Connectivity under GNA: 30.06.2028

Further, as the connectivity is being granted in sharing, there is no change in Conn BG requirement of M/s Aditya Birla Renewables. Revised intimation/ amendment in this regard shall be issued accordingly. M/s Aditya Birla agreed for the same.

It was informed that with this grant to M/s Aditya Birla, no further margin is available for grant at Fatehgarh-III PS(Sec-II). Accordingly, Fatehgarh-III PS(Sec-II) shall remain closed for further grant and enhancements. After above reallocation, the remaining margin at Barmer-I PS is 50 MW, Barmer-II PS is 100 MW. As no applicant opted for reallocation of these margins in reallocation meeting, the margins shall be considered for allocation to new application at Fatehgarh-Barmer complex.

B2. Reallocation at Barmer-III PS

It was informed that, as confirmed in 37th CMETS NR meeting, with total connectivity grant of 5961.5 MW, Barmer-III PS is already closed for further grant except for enhancement of 38.5 MW. Subsequently, 50 MW connectivity to M/s Aditya Birla which was agreed for grant at Barmer-III PS was withdrawn by the applicant and the application was closed. Considering that, total margin of 88.5 MW (50+38.5) was available for reallocation to eligible entities granted connectivity at Barmer-IV PS.

Accordingly, three no. of entities with total 6 applications (Renew (3 No.), Adani(2 No.) & JIRE Green(1 No.)) which are agreed for grant of connectivity at Barmer-IV PS in 38th CMETS NR meeting were eligible for reallocation to Barmer-III PS. Considering the less no. of entities eligible for reallocation, the above three entities were asked to provide their willingness to opt for reallocation of 88.5 MW vide CTUIL email dated 07.07.2025. However, no response was received from above eligible entities in opting for above 88.5 MW capacity at Barmer-III PS. M/s Adain & M/s Renew confirmed in the meeting informed that they are not interested for reallocation of 88.5 MW at Barmer-III PS. M/s JIRE Green did not attend the meeting. Accordingly it was decided that the margin of 88.5 MW available at Barmer-III PS shall be offered to new applications at Fatehgarh-Barmer complex as per their application priority and willingness and no separate reallocation meeting shall be required in this regard.

C. Connectivity, GNA/GNA$_{RE}$ applications:

C1. Applications for Connectivity to ISTS under CERC (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2022 deferred in the 38th CMETS NR meeting.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)
1.	2200001701 (28-01-2025)	Hexa Climate Solutions Private Limited	Nagaur distt., Rajasthan	Generating station(s), including REGS(s), with ESS	300 MW(Solar) 50 MW (BESS)	Land BG Route	300	30.11.2029	Merta III PS
2.	2200001702 (28-01-2025)	Hexa Climate Solutions Private Limited	Nagaur distt., Rajasthan	Standalone ESS	BESS 300 MW	Land BG Route	300	30.11.2029	Merta III PS
3.	2200001762 (13-02-2025)	Green Infra Renewable Energy Farms Private Limited	Jalore distt., Rajasthan	Generating station(s), including REGS(s), without ESS	300 MW (Solar)	Land BG Route	300	15-12-2028	Sanchore PS
4.	2200001771 (14-02-2025)	Green Infra Renewable Energy Farms Private Limited	Jalore distt., Rajasthan	Generating station(s), including REGS(s), without ESS	300 MW (Solar)	Land BG Route	300	15-12-2028	Sanchore PS
5.	2200001903 (31.03.2025)	Waaree Forever Energies Private Limited	Pali distt., Rajasthan	Generating station(s), including REGS(s), with ESS	300 MW (Solar) 150 MW (BESS)	Land BG Route	300	31.03.2032	Pali PS
6.	2200001904 (31.03.2025)	Waaree Forever Energies Private Limited	Pali distt., Rajasthan	Generating station(s), including REGS(s), with ESS	300 MW (Solar) 150 MW (BESS)	Land BG Route	300	30.09.2032	Pali PS

It was informed that the above applications by were discussed for grant in the 38th CMETS NR meeting held on 28.05.2025. In the 38th CMETS NR meeting, CTUIL had proposed to grant connectivity at 400 kV for the above applications considering total capacity of 600 MW for two applications of 300 MW by each entity at same location. However, the applicants had requested to provide connectivity for two applications separately at 220 kV level. CTUIL suggested that for connectivity quantum of 600 MW 400 kV level shall be optimal considering DTL & RoW optimization.

However, during the meeting as well as subsequently, requests from some applicants (who had applied two separate applications for 300 MW at same pooling station) were received by CTUIL to consider grant of connectivity at 220 kV for both applications separately. Considering above, it was decided that the request for connectivity at 220 kV by applicants is to be reviewed. Accordingly, the above applications of M/s Hexa Climate at Merta-III PS(300+300), M/s Green Infra at Sanchore (300+300) & M/s Waaree Forever at Pali (300+300) were considered for discussion & grant again in the 39th CMETS NR meeting. In the meantime, above applicants were asked to submit the technical justification for connectivity at 220 kV for above applications.

In the 39th CMETS NR meeting, CTUIL informed that, as per planning criteria there is limit of transformation capacity at 400/220 kV level of RE pooling station(5000 MVA). Therefore, considering grant of connectivity at 400 kV for higher capacity applications (>500 MW) reduces the transformation capacity (400/220 kV) requirement at a RE pooling station. Further, short circuit ratio(SCR) levels will always be higher at 400 kV level than the SCR level at 220 kV level. Therefore, granting connectivity at 400 kV provide higher flexibility & higher stability from system planning point of view and enables integration of more RE capacity at a pooling station. Further, it also reduces financial burden of cost of ICT on DICs. Considering these reasons, CTUIL reiterated that for optimal utilisation of system, connectivity with cumulative capacity of 500 MW & above shall be considered at 400 kV only.

However, only for exceptional reasons on case-to-case basis with technical justifications, entities with two separate applications with cumulative capacity upto 600 MW via Land BG or LoA route can be considered for grant of connectivity at 220 kV through separate lines can be considered. For applications on land route, decision shall be taken based on the location of land and the distance between land parcels. For single application of 500 MW & above OR in case of multiple applications by a single entity/applicant with cumulative quantum greater than 600 MW, the connectivity shall be considered at 400 kV for optimization of system.

In view of the above, based on the technical justifications submitted by the respective applicants the above applications were redeliberated. Details of deliberations are as below:

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
1.	2200001701 (28-01-2025)	Hexa Climate Solutions Private Limited	Nagaur distt., Rajasthan	Generating station(s), including REGS(s), with ESS	300 MW(Solar) 50 MW (BESS)	Land BG Route	300	30.11.2029	Merta III PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW
Regarding the technical justification, Hexa Climate vide mail dated 04.07.2025 informed that availability of contiguous land parcels for setting of two Nos of 300 MW projects is not practical and there is high possibility of land availability at distant locations. Currently they are facing severe challenge in land acquisition at Merta for their projects granted connectivity at Merta-II PS due to smaller land parcels per farmer. Further, Merta-III PS coordinates have not been finalised and hence taking decision on such large parcel of land for two independent projects will not be practical. Considering the submission of M/s Hexa Climate, it was agreed to grant connectivity at Merta-III PS through separate 220 kV S/c lines for each application (App. No. 2200001701-300 MW & 2200001702-300 MW). M/s Hexa Climate confirmed that the scope of 220 kV bay shall be under ISTS & the DTL configuration shall be S/c line of D/c tower. The same was noted and M/s Hexa Climate was asked to submit necessary undertaking for S/c on D/c configuration. M/s Hexa Climate agreed for the same. It was highlighted that with the grant of above connectivity of 300 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s Hexa Climate noted the same.									

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

It was also informed that M/s Hexa Climate Solutions Private Limited has requested Start Date of Connectivity under GNA from 30.11.2029. However, considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.06.2031(interim). M/s Hexa Climate noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Hexa Climate Solutions Private Limited at 220 kV Merta-III PS. Details of Transmission system for connectivity of M/s Hexa Climate Solutions Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). M/s Hexa Climate Solutions Private Limited RE Power Project – Merta-III PS 220 kV S/c line on D/c tower (suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Merta-III PS end **– Under the scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-XI**

Start Date of Connectivity under GNA: 30.06.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
2.	2200001702 (28-01-2025)	Hexa Climate Solutions Private Limited	Nagaur distt., Rajasthan	Standalone ESS	300 MW(BESS)	Land BG Route	300	30.11.2029	Merta III PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

As informed with the previous application of Hexa Climate,(App. No. 2200001701-300 MW), it was agreed to grant connectivity at Merta-III PS through separate 220 kV S/c lines for each application(App. No. 2200001701-300 MW & 2200001702-300 MW). M/s Hexa Climate confirmed that the scope of 220 kV bay shall be under ISTS & the DTL configuration shall be S/c line of D/c tower. The same was noted and M/s Hexa Climate was asked to submit necessary undertaking for S/c on D/c configuration. M/s Hexa Climate agreed for the same.

It was also informed that M/s Hexa Climate Solutions Private Limited has requested Start Date of Connectivity under GNA from 30.11.2029. However, considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.06.2031(interim). M/s Hexa

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

Climate noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Hexa Climate Solutions Private Limited at 220 kV Merta-III PS. Details of Transmission system for connectivity of M/s Hexa Climate Solutions Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). M/s Hexa Climate Solutions Private Limited Standalone BESS Project – Merta-III PS 220 kV S/c line on D/c tower (suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Merta-III PS end **– Under the scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-XI**

Start Date of Connectivity under GNA: 30.06.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
3.	2200001762 (13-02-2025)	Green Infra Renewable Energy Farms Private Limited	Jalore distt., Rajasthan	Generating station(s), including REGS(s), without ESS	300 MW (Solar)	Land BG Route	300	15-12-2028	Sanchore PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

Regarding the technical justification, M/s Green Infra Renewable Energy Farms Private Limited vide letters dated 30.05.2025, 11.06.2025 & 04.07.2025 highlighted that the tentative PSS coordinates provided during application were indicative only, as per the land BG route. Following due diligence, it was found that land in Sanchore is fragmented and non-contiguous. Therefore, two separate PSS locations are more practical.

M/s Green Infra highlighted that the area near the location mentioned in the application predominantly comprises actively cultivated agricultural land (cotton, pulses, pomegranate, etc.) & the land is segmented by earthen bunds, confirming the scarcity of large contiguous parcels (>1500 acres) reinforcing the need for distributed PSS planning. Further, M/s Green infra also highlighted that natural water flow paths in the Sanchore area create marshy pockets and uneven terrain, further limiting availability of contiguous, developable land.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

GIREFPL informed that they intend to develop 2 nos of 300 MW solar power projects at Sanchore to cater to both domestic and export requirements for Green Hydrogen and its derivatives. Depending on the quantum secured under export contracts, one or both 300 MW units may be set up as SEZ to avail associated tax benefits and ensure globally competitive pricing in international tenders.

Considering the submission of M/s Green Infra, it was agreed to grant connectivity at Sanchore PS through separate 220 kV S/c lines for each application (App. No. 2200001762-300 MW & 2200001771-300 MW). M/s Green Infra confirmed that the scope of 220 kV bay shall be under ISTS & the DTL configuration shall be S/c line of D/c tower. The same was noted and M/s Green Infra was asked to submit necessary undertaking for S/c on D/c configuration. M/s Green Infra agreed for the same.

It was also informed that M/s Green Infra Renewable Energy Farms Pvt. Ltd has requested Start Date of Connectivity from 15.12.2028. However, considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.06.2031 (interim). M/s Green Infra noted the same

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Green Infra Renewable Energy Farms Private Limited at 220 kV Sanchore PS. Details of Transmission system for connectivity of M/s Green Infra Renewable Energy Farms Private Limited under GNA is as below:

Details Transmission system for connectivity of M/s Green Infra Renewable Energy Farms Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). M/s Green Infra Renewable Energy Farms Private Limited RE Power Project – Sanchore PS 220 kV S/c line on D/c tower (suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Sanchore PS end **– Under the scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-VI**

Start Date of Connectivity under GNA: 30.06.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
4.	2200001771 (14-02-2025)	Green Infra Renewable Energy Farms Private Limited	Jalore distt., Rajasthan	Generating station(s), including REGS(s), without ESS	300 MW (Solar)	Land BG Route	300	15-12-2028	Sanchore PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

As informed with the earlier application of M/s Green Infra (App. No. 2200001762-300 MW), it was agreed to grant connectivity at Sanchore PS through separate 220 kV S/c lines for each application of M/s Green Infra(App. No. 2200001762-300 MW & 2200001771-300 MW). M/s Green Infra confirmed that the scope of 220 kV bay shall be under ISTS & the DTL configuration shall be S/c line of D/c tower. The same was noted and M/s Green Infra was asked to submit necessary undertaking for S/c on D/c configuration. M/s Green Infra agreed for the same.

It was also informed that M/s Green Infra Renewable Energy Farms Pvt Ltd has requested Start Date of Connectivity from 15.12.2028. However, considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.06.2031(interim). M/s Green Infra noted the same

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Green Infra Renewable Energy Farms Pvt Ltd at 220 kV Sanchore PS. Details of Transmission system for connectivity of M/s Green Infra Renewable Energy Farms Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). M/s Green Infra Renewable Energy Farms Private Limited RE Power Project – Sanchore PS 220 kV S/c line on D/c tower (suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Sanchore PS end **– Under the scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-VI**

Start Date of Connectivity under GNA: 30.06.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
5.	2200001903 (31.03.2025)	Waaree Forever Energies Private Limited	Pali distt., Rajasthan	Generating station(s), including REGS(s), with ESS	300 MW (Solar) 150 MW (BESS)	Land BG Route	300	31.03.2032	Pali PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

M/s Waaree Forever Energies Private Limited vide letter dated 16.06.2025 informed that, at the time of applying for connectivity through the land BG route, the project location had not yet been finalized. Consequently, they had indicated the same location for both applications, albeit with different commissioning timelines. As per their execution plan and overall strategic direction, they intend to develop these projects at different locations and with staggered timelines.

Considering the submission of M/s Waaree Forever, it was agreed to grant connectivity at Pali PS through separate 220 kV S/c lines for each applications of M/s Waaree Forever (App. No. 2200001903-300 MW & 2200001904-300 MW). M/s Waaree Forever confirmed that the scope of 220 kV bay shall be under ISTS & the DTL configuration shall be S/c line of D/c tower. The same was noted and M/s Waaree Forever was asked to submit necessary undertaking for S/c on D/c configuration. M/s Waaree Forever agreed for the same.

It was highlighted that with the grant of above connectivity of 300 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s Waree Forever noted the same.

It was also informed that M/s Waaree Forever Energies Private Limited has requested Start Date of Connectivity under GNA from 31.03.2032. Considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 31.03.2032(interim) as requested. M/s Waaree Forever noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Waaree Forever Energies Private Limited at 220 kV Pali PS. Details of Transmission system for connectivity of M/s Waaree Forever Energies Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). M/s Waaree Forever Energies Private Limited RE Power Project – Pali PS 220 kV S/c line on D/c tower (suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Pali PS end **– Under the scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-II**

Start Date of Connectivity under GNA: 31.03.2032(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
6.	2200001904 (31.03.2025)	Waaree Forever Energies Private Limited	Pali distt., Rajasthan	Generating station(s), including REGS(s), with ESS	300 MW (Solar) 150 MW (BESS)	Land BG Route	300	30.09.2032	Pali PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

As informed with the previous application of M/s Waaree Forever(App. No. 220001903-300 MW), it was agreed to grant connectivity at Pali PS through separate 220 kV S/c lines for each applications of M/s Waaree Forever (App. No. 2200001903-300 MW & 2200001904-300 MW). M/s Waaree Forever confirmed that the scope of 220 kV bay shall be under ISTS & the DTL configuration shall be S/c line of D/c tower. The same was noted and M/s Waaree Forever was asked to submit necessary undertaking for S/c on D/c configuration. M/s Waaree Forever agreed for the same.

It was highlighted that with the grant of above connectivity of 300 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s Waree Forever noted the same.

It was also informed that M/s Waaree Forever Energies Private Limited has requested Start Date of Connectivity under GNA from 30.09.2032. Considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.09.2032(interim) as requested. M/s Waaree Forever noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Waaree Forever Energies Private Limited at 220 kV Pali PS. Details of Transmission system for connectivity of M/s Waaree Forever Energies Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. **Associated Transmission System (ATS):** **NIL**

B. **Dedicated Transmission System for Connectivity under GNA:**

(i). M/s Waaree Forever Energies Private Limited RE Power Project – Pali PS 220 kV S/c line on D/c tower (suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Pali PS end **– Under the scope of ISTS**

C. **Common Transmission system for Connectivity under GNA:** As per **Annexure-II**

Start Date of Connectivity under GNA: 30.09.2032(Interim). Final date shall be confirmed upon award of the system

C2. Application for grant of GNA deferred in the 38th CMETS NR meeting

Sl No.	Application No. & Date	Name of the Applicant	Nature of applicant	GNA within Region (MW)	GNA outside Region (MW)	Total GNA Required (MW)	Start date of GNA	End date of GNA
1.	2200001695 (27.01.2025)	Vedanta Limited	Bulk consumer seeking to connect to ISTS directly	0	100	100	31.12.2027	31.12.2052

It was informed that application for GNA of 100 MW(Outside the Region) by Vedanta Limited was discussed in the 38th CMETS NR meeting. In the meeting it was informed that 25 MW of GNA_{RE} is already granted to Vedanta for the same unit (MPT) as an intra state connected entity. As per 20.5 & 20.6 of GNA Regulations, same entity cannot be granted both GNA & GNA_{RE}. Accordingly, it was informed that this application for 100 MW GNA by M/s Vedanta Ltd. cannot be considered for grant at this stage when the 25 MW GNA_{RE} granted to M/s Vedanta Ltd. for same unit is currently effective.

M/s Vedanta in the meeting informed that they shall withdraw this application and the same shall be confirmed in mail. M/s Vedanta also informed that they shall relinquish the GNA_{RE} already granted as an intra state entity and apply for the entire quantum of GNA. However, no communication was received from M/s Vedanta in this regard.

Subsequently CTUIL vide mail dated 16.06.2025 asked M/s Vedanta Limited to confirm their decision of withdrawing this application. In the same mail, it was also informed that in case no further communication by Vedanta, the above GNA application (2200001695) shall be closed as per the CERC Connectivity & GNA Regulations 2022. However, no communication was received by CTUIL from Vedanta Ltd. till the date. In view of the above, it is decided to close the above application. M/s Vedanta Limited did not attend the meeting.

C3. Application for grant of GNA_{RE} deferred in the 38th CMETS NR meeting

Sl No.	Application No. & Date	Name of the Applicant	Nature of applicant	GNA_{RE} within Region (MW)	GNA_{RE} outside Region (MW)	Total GNA_{RE} Required (MW)	Start date of GNA_{RE}	End date of GNA_{RE}
1.	2200001595 (06-02-2025)	Hindustan Zinc Limited	Bulk consumer seeking to connect to ISTS directly	5.0	215.0	220	30- 06- 2027	30- 06- 2052

It was informed that Hindustan Zinc has applied for grant of 220 MW GNA_{RE} as a Bulk consumer seeking to connect to ISTS directly for its Debari plant. Plant is currently connected to intra state network 220kV/132kV Debari GSS of Ajmer Vidyuth Vitran Nigam Limited(AVVNL). HZL has informed that they have requested for NOC from AVVNL for disconnection from intra state network.

HZL Debari plant is about ~45 km from 765/400 kV Chittorgarh(PG) S/s & about 60 km from 400/220 kV Kankroli S/s. For grant of GNA_{RE}, various alternatives were being explored based on the GNA_{RE} quantum and location of the HZL plant(Debari). Further, space confirmation from Powergrid was awaited regarding this. Accordingly, in the 38th CMETS NR meeting it was decided that to take up the above application in the next CMETS NR meeting.

Subsequently, in the 39th CMETS NR meeting, it was informed that as per the information received from Powergrid, there is no space available for augmentation of ICT capacity at Kankroli S/s. Further, there is no nearby ISTS S/s with 220 kV switchyard. Accordingly, considering the location of the project after evaluating various

Sl No.	Application No. & Date	Name of the Applicant	Nature of applicant	GNA_{RE} within Region (MW)	GNA_{RE} outside Region (MW)	Total GNA_{RE} Required (MW)	Start date of GNA_{RE}	End date of GNA_{RE}

options, it was proposed that GNA_{RE} to Hindustan Zinc Ltd. can be granted with ISTS interconnection at 400 kV through LILO of one circuit of Chittorgarh (PG) – Chittorgarh(RVPN) 400 kV D/c line at HZL Debari Switchyard. With the proposed grant, loading of ICTs of Chittorgarh (RVPN) relieved by about 10 MW.

RVPN in the meeting asked CTUIL to explore possibility of direct interconnection of HZL at ISTS instead of LILO. Regarding this, CTUIL clarified that CTUIL explored possibility of interconnection of HZL at 220 kV level of Kankroli(PG) S/s However, due to non-availability of space for ICT augmentation, the application was considered for grant at 400 KV. Further, as there space constraint at Chittorgarh(PG) S/s for 400kv interconnection, the option for LILO was considered more feasible.

RVPN in the meeting informed that the studies carried out by CTUIL need to be reviewed considering the proposed Udaipur, Banswara S/s etc. of RVPN and other intra state systems proposed in GEC-III schemes. CTUIL informed that the studies were carried out in 2027-28 files considering the start date of GNA required by HZL(30 Jun 2027). After deliberations, it was decided that the CTUIL shall carry out studies in both 2027 & 2030 timeframe(with GEC-III schemes) and deliberate further in next meeting

HZL & RVPN were asked to update regarding the grant of NoC to HZL for disconnection from intra state system. Regarding this, HZL informed that they have already requested RVPN to provide Noc for disconnection. RVPN informed that they have not yet granted NoC to HZL and shall consider granting NoC after approval of their ISTS GNA grant with feasible ISTS system in next meeting after studies.

After deliberations, it was decided that the above application shall be discussed in the next CMETS NR meeting on revised file along with possibility of interconnection at 220kv level.

C4. Applications for Connectivity to ISTS under CERC (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2022 received in Apr'25

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Nearest Pooling Station (As per Application)
1.	2200001922 (05.04.2025)	Terra Clean Limited	Pali distt. Rajasthan	Generating station(s), including REGS(s), without ESS	155 (Solar)	Land BG route	155	30.09.2030	Pali PS
2.	2200001917 (07.04.2025)	HR Saraswati Energy Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	300(Solar)	Land BG route	300	31.12.2026	-
3.	2200001936 (10.04.2025)	Enren Surya Urja Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	Land BG route	300	31.12.2027	Bikaner-V PS
4.	2200001937 (10.04.2025)	Enren Solar Private Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	Land BG route	300	31.10.2027	Ramgarh-II PS

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Nearest Pooling Station (As per Application)
5.	2200001940 (11.04.2025)	Vannur Solar Power Private Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	300(Solar)	Land route	300	30.06.2030	Barmer-IV PS
6.	2200001945 (11.04.2025)	Jindal Green Private Limited	Pali distt. Rajasthan	Generating station(s), including REGS(s), without ESS	350(Solar)	Land BG route	350	30.06.2030	Pali PS
7.	2200001955 (17.04.2025)	Waaree Forever Energies Private Limited	Jalore distt. Rajasthan	Generating station(s), including REGS(s), with ESS	600(Solar) 300(BESS)	Land BG route	600	31.12.2030	Sanchore PS
8.	2200001964 (18.04.2025)	Ampin Energy Utility Private Limited	Jalore distt. Rajasthan	Generating station(s), including REGS(s), without ESS	135(Solar) 50.4(Wind)	LOA or PPA	150	31.12.2027	Sanchore PS
9.	2200001981 (28.04.2025)	THDC India Limited	Bulandshahr distt. Uttar Pradesh	REGS with installed capacity of 5 MW & above applying for Connectivity to ISTS through electrical system of a generating station already having Connectivity to ISTS	11 (Solar)	Land BG route	11	15.06.2025	Aligarh (PG) S/s
10.	2200001994 (30.04.2025)	Rajasthan BESS Private Limited	Bikaner distt. Rajasthan	Standalone ESS	250(BESS)	Land Route	250	20.05.2026	Bhadla-III PS
11.	2200001997 (30.04.2025)	Renew Solar Power Private Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	LOA or PPA	300	31.05.2027	Bhadla-V PS
12.	2200002000 (30.04.2025)	Renew Solar Power Private Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	LOA or PPA	300	31.05.2027	Barmer-IV PS
13.	2200002006 (30.04.2025)	Adani Renewable Energy Holding Twelve Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	520(Solar)	LOA or PPA	520	31.12.2026	Ramgarh III PS
14.	2200002009 (30.04.2025)	Adani Renewable Energy Holding Twelve Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS through a lead generator	400(Solar)	LOA or PPA	400	31.12.2026	Ramgarh III PS
15.	2200002010 (30.04.2025)	Adani Renewable Energy Holding Nine Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), with ESS through a lead generator	180(Solar) 85(BESS)	LOA or PPA	180	31.12.2026	Ramgarh III PS

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
1.	2200001922 (05.04.2025)	Terra Clean Limited	Pali distt. Rajasthan	Generating station(s), including REGS(s), without ESS	155 (Solar)	Land BG route	155	30.09.2030	Pali PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW
It was informed that M/s Terra Clean Limited has applied for connectivity of 155 MW at Pali PS. Accordingly, it was proposed to grant connectivity at Pali PS at 220 kV level through 220 kV S/c line. M/s Terra Clean agreed for the same. Applicant was asked to confirm the 220 kV bay scope at Pali PS & DTL tower configuration. M/s Terra Clean informed that the 220 kV bay at Pali PS shall be under ISTS & DTL shall be S/c line. The same was noted.										

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

It was mentioned that the transmission system for evacuation of power from Nagaur(Merta) & Pali complexes through Beawar(HVDC) is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was also informed that M/s Terra Clean Limited has requested Start Date of Connectivity under GNA from 30.09.2030, However, considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.06.2031(interim). M/s Terra Clean noted the same.

Accordingly, it was agreed to grant connectivity of 155 MW to M/s Terra Clean Limited at 220 kV Pali PS. Details of Transmission system for connectivity of M/s Terra Clean Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). M/s Terra Clean Limited RE Power Project – Pali PS 220 kV S/c line (suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Pali PS end **– Under the scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-II**

Start Date of Connectivity under GNA: 30.06.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
2.	2200001917 (07.04.2025)	HR Saraswati Energy Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	300(Solar)	Land BG route	300	31.12.2026	-	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

It was informed that M/s HR Saraswati Energy Private Limited has applied for connectivity for 300 MW. The applicant has not mentioned the nearest pooling station. However, from the coordinates of the project, the vicinity of the project is close to Bhadla complex (about 20 km from existing Bhadla-II PS & about 35 km from upcoming Bhadla-III PS). Accordingly, it was proposed to grant connectivity at Bhadla-V PS through 220 kV S/c line. M/s HR Saraswati agreed for the same.

Applicant was asked to confirm the 220 kV bay scope at Bhadla-V PS & DTL tower configuration. M/s HR Saraswati informed that the 220 kV bay at Bhadla-V PS shall be under ISTS & DTL shall be S/c line on D/c tower. The same was noted and M/s HR Saraswati was asked to submit necessary undertaking for S/c on D/c configuration. M/s HR Saraswati agreed for the same.

It was mentioned that the transmission system for evacuation of power from Bhadla-V PS is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was also informed that M/s HR Saraswati Energy Private Limited has requested Start Date of Connectivity under GNA from 31.12.2026. However, considering the same and expected commissioning date of transmission system (i.e. 30.09.2031), the start date of Connectivity under GNA shall be 30.09.2031(interim). M/s HR Saraswati noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s HR Saraswati Energy Private Limited at 220 kV Bhadla-V PS. Details of Transmission system for connectivity of M/s HR Saraswati Energy Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). HR Saraswati Energy Private Limited RE Power Project – Bhadla-V PS 220 kV S/c line on D/c tower (suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Bhadla-V PS end **– Under the scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-III**

Start Date of Connectivity under GNA: 30.09.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
3.	2200001936 (10.04.2025)	Enren Surya Urja Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	Land BG route	300	31.12.2027	Bikaner-V PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: to be discussed • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Enren Surya Urja Private Limited has applied for connectivity for 300 MW at Bikaner-V PS. However, Bikaner-V PS is already closed for grant of connectivity (except enhancement upto 20 MW). Accordingly, the above application shall be considered for grant at Bikaner-VI PS.

However, total potential declared by MNRE in Bikaner complex is about 26.8 GW. Considering the total connectivity granted at Bikaner Complex, the subject application is beyond the 26.8 GW potential. Since the subject applications are beyond RE potential at Bikaner complex, a feedback from MNRE is to be sought w.r.t. max potential to be considered in the area. 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. Therefore, it was decided that the above application for connectivity shall be considered for grant after assessment and declaration of such additional potential by MNRE at Bikaner Complex.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
4.	2200001937 (10.04.2025)	Enren Solar Private Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	Land BG route	300	31.10.2027	Ramgarh-II PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Enren Solar Private Limited has applied for connectivity for 300 MW at Ramgarh-II PS. However, there is no margin available for grant of 300 MW at Ramgarh-II PS(except for 169 MW). Accordingly, it was proposed to grant connectivity at proposed Ramgarh-III PS at 220 kV through S/c line. M/s Enren Solar agreed for the same.

Applicant was asked to confirm the 220 kV bay scope at Ramgarh-II PS & DTL tower configuration. M/s Enren Solar informed that the 220 kV bay at Ramgarh-III PS shall be under ISTS & DTL configuration shall be S/c line on D/c tower. The same was noted and M/s Enren Solar was asked to submit necessary undertaking for S/c on D/c configuration. M/s Enren Solar agreed for the same.

It was mentioned that the transmission system for evacuation of power from Ramgarh-III PS is presently under evolution. Upon evolution, the scheme which is currently tentative, shall be discussed and finalized in joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was highlighted that with the grant of above connectivity of 300 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s Enren Solar noted the same.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

It was also informed that M/s Enren Solar Private Limited has requested Start Date of Connectivity under GNA from 31.10.2027. However, considering the same and expected commissioning date of transmission system (i.e. 31.12.2031), the start date of Connectivity under GNA shall be 31.12.2031 (interim). M/s Enren Solar noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Enren Solar Private Limited at 220 kV Ramgarh-III PS. Details of Transmission system for connectivity of M/s Enren Solar Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). Enren Solar Private Limited RE Power Project– Ramgarh-III PS 220 kV S/c line on D/c tower (Suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Ramgarh-III PS end **– Under the scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-IV**

Start Date of Connectivity under GNA: 31.12.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
5.	2200001940 (11.04.2025)	Vannur Solar Power Private Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	300(Solar)	Land route	300	30.06.2030	Barmer-IV PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Vannur Solar Power Private Limited has applied for connectivity for 300 MW at Barmer-IV PS. Accordingly, it was proposed to grant connectivity at Barmer-IV PS through a 220 kV S/c line. M/s Vannur Solar agreed for the same.

Applicant was asked to confirm the 220 kV bay scope at Barmer-IV PS & DTL tower configuration. M/s Vannur Solar in the meeting informed that the 220 kV bay at Barmer-IV PS shall be under ISTS & DTL configuration shall be S/c line on D/c tower. The same was noted and M/s Vannur Solar was asked to submit necessary undertaking for S/c on D/c configuration. M/s Vannur Solar agreed for the same. However, subsequent to meeting, M/s Vannur Solar vide mail dated 30.07.2025 informed that they would like to keep their DTL configuration as S/c line instead of S/c line on D/c tower as informed in the meeting. The same was noted.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

It was mentioned that the transmission system for evacuation of power from Barmer-IV is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was also informed that M/s Vannur Solar Power Private Limited has requested Start Date of Connectivity under GNA from 30.06.2030. However, considering the same and expected commissioning date of transmission system (i.e. 31.12.2031), the start date of Connectivity under GNA shall be 31.12.2031 (interim). M/s Vannur Solar noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Vannur Solar Power Private Limited at 220 kV Barmer-IV PS. Details of Transmission system for connectivity of M/s Vannur Power Solar Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. **Associated Transmission System (ATS):** **NIL**

B. **Dedicated Transmission System for Connectivity under GNA:**
   (i). Vannur Solar Power Private Limited RE Power Project – Barmer-IV PS 220 kV S/c line (Suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end**– Under Applicant Scope**
   (ii). 1 no. of 220 kV bay at Barmer-IV PS end **– Under the scope of ISTS**

C. **Common Transmission system for Connectivity under GNA:** As per **Annexure-V**

Start Date of Connectivity under GNA: 31.12.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
6.	2200001945 (11.04.2025)	Jindal Green Private Limited	Pali distt. Rajasthan	Generating station(s), including REGS(s), without ESS	350(Solar)	Land BG route	350	30.06.2030	Pali PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Jindal Green Private Limited has applied for connectivity of 350 MW at Pali PS. Accordingly, it was proposed to grant connectivity at Pali PS at 220 kV level through 220 kV S/c line. M/s Jindal Green agreed for the same.

Applicant was asked to confirm the 220 kV bay scope at Pali PS & DTL tower configuration. M/s Jindal Green informed that the 220 kV bay at Pali PS shall be under ISTS & DTL configuration shall be S/c line on D/c tower. The same was noted and M/s Jindal Green was asked to submit necessary undertaking for S/c on D/c

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

configuration. M/s Jindal Green agreed for the same.

It was mentioned that the transmission system for evacuation of power from Nagaur(Merta) & Pali complexes through Beawar(HVDC) is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was also informed that M/s Jindal Green Private Limited has requested Start Date of Connectivity under GNA from 30.06.2030, However, considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.06.2031(interim). M/s Jindal Green Private Limited noted the same.

Accordingly, it was agreed to grant connectivity of 350 MW to M/s Jindal Green Private Limited at 220 kV Pali PS. Details of Transmission system for connectivity of M/s Jindal Green Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). M/s Jindal Green Private Limited RE Power Project – Pali PS 220 kV S/c line on D/c tower (suitable to carry minimum 350 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Pali PS end **– Under the scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-II**

Start Date of Connectivity under GNA: 30.06.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
7.	2200001955 (17.04.2025)	Waaree Forever Energies Private Limited	Jalore distt. Rajasthan	Generating station(s), including REGS(s), with ESS	600(Solar) 300(BESS)	Land BG route	600	31.12.2030	Sanchore PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Nil(Bay in sharing) • Conn BG3: Rs. 2 lakh/MW

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

It was informed that M/s Waaree Forever Energies Private Limited has applied for connectivity of 600 MW at Sanchore PS. It was also mentioned that, connectivity of 300 MW to M/s Waaree Forever under App. No. 2200001901 is already agreed for grant at 220 kV Sanchore PS in the 38th CMETS NR meeting held on 28.05.2025. Now considering the present application for additional 600 MW connectivity at Sanchore PS as well as the earlier granted connectivity of 300 MW, it was proposed to grant connectivity at Sanchore PS through 1 no. of 400 kV line bay for the combined capacity of 900 MW(300+600).

Applicant was asked to confirm the 400 kV bay scope at Sanchore PS & DTL tower configuration. M/s Waaree Forever informed that the 400 kV bay at Sanchore PS shall be under ISTS & DTL configuration shall be S/c line on D/c tower. The same was noted and M/s Waaree Forever was asked to submit necessary undertaking for S/c on D/c configuration. M/s Waaree Forever agreed for the same. Subsequently, M/s Waaree Forever vide email dated 12.08.2025 informed that the App. No. 2200001901 may be considered as lead generator. The same was noted.

CTUIL also clarified that the intimation for earlier connectivity application of (App. No. 2200001901) 300 MW at Pali by M/s Waaree Forever is at the final stage of approval and shall be issued shortly. Therefore, the above change in DTL configuration in intimation cannot be incorporated at this stage. Therefore, the intimation shall be issued as agreed in the 38th CMETS NR meeting & M/s Waaree Forever need to submit applicable Conn BGs within the regulatory timelines. However, with the intimation of above application(App. No. 2200001955-600 MW), CTUIL shall issue the amendment of earlier application(App. No. 2200001901:300 MW) also incorporating the applicable changes like DTL(400 kV instead of 220 kV), change in Conn BG2 etc. The Conn BG-2 of Rs. 3 Cr. submitted as per earlier intimation shall be released upon submission of revised Conn BG-2 of Rs. 6 Cr. M/s Waaree Forever agreed and noted the same.

It was mentioned that the transmission system for evacuation of power from Sirohi, Jalore & Sanchore complexes through Sirohi(HVDC) is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was highlighted that with the grant of above connectivity of 600 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted.

It was also informed that M/s Waaree Forever Energies Private Limited has requested Start Date of Connectivity under GNA from 31.12.2030. However, considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.06.2031 (interim). M/s Waree Forever noted the same.

Accordingly, it was agreed to grant connectivity of 600 MW to M/s Waaree Forever Energies Private Limited at 400 kV Sanchore PS. Details of Transmission system for connectivity of M/s Waaree Forever Energies Private Limited under GNA is as below:

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

M/s Waaree Forever shall share the dedicated transmission system granted with App. No. 2200001901 as below:

(i). Common Pooling Station for Waaree Forever Energies Pvt Ltd RE Power Projects (App. No. 2200001901-300 MW & App. No. 2200001955-600 MW) – Sanchore PS 400 kV S/c line on D/c tower(suitable to carry minimum 900 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 400 KV bay at Sanchore PS end **– Under the scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-VI**

Start Date of Connectivity under GNA: 30.06.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
8.	2200001964 (18.04.2025)	Ampin Energy Utility Private Limited	Jalore distt. Rajasthan	Generating station(s), including REGS(s), without ESS	135(Solar) 50.4(Wind)	LOA or PPA	150	31.12.2027	Sanchore PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Ampin Energy Utility Private Limited has applied for connectivity of 150 MW at Sanchore PS. Accordingly, it was proposed to grant connectivity at 220 kV level of Sanchore PS through 1 no. of 220 kV line bay.

Applicant was asked to confirm the 220 kV bay scope at Sanchore PS & DTL tower configuration. M/s Ampin Energy informed that the 220 kV bay at Sanchore PS shall be under ISTS & DTL configuration shall be S/c line on D/c tower. The same was noted and M/s Ampin Energy was asked to submit necessary undertaking for S/c on D/c configuration. M/s Ampin Energy agreed for the same.

It was mentioned that the transmission system for evacuation of power from Sirohi, Jalore & Sanchore complexes through Sirohi(HVDC) is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was also informed that M/s Ampin Energy Utility Private Limited has requested Start Date of Connectivity under GNA from 31.12.2027. However, considering the

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

same & expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.06.2031 (interim). M/s Ampin Enerrgy noted the same.

Accordingly, it was agreed to grant connectivity of 150 MW to M/s Ampin Energy Utility Private Limited at 220 kV Sanchore PS. Details of Transmission system for connectivity of M/s Ampin Energy Utility Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). Ampin Energy Utility Private Limited RE Power Project – Sanchore PS 220 kV S/c line on D/c tower (Suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Sanchore PS end **– Under the scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-VI**

Start Date of Connectivity under GNA: 30.06.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity location (As per Application)	Conn BGs requirement
9.	2200001981 (28.04.2025)	THDC India Limited	Bulandshahr distt. Uttar Pradesh	REGS with installed capacity of 5 MW & above applying for Connectivity through electrical system of a generating station already having Connectivity to ISTS	11 (Solar)	Land BG route	11	15.06.2025	Aligarh (PG) S/s	• Conn BG1: Rs. 50 Lakh • Conn BG2: Nil • Conn BG3: Rs.2 lakh/MW

It was informed that M/s THDC India Limited has applied for connectivity for 11 MW at Aligarh(PG) S/s as an REGS through the electrical system of Khurja TPS . Accordingly, it was proposed to grant connectivity at Aligarh(PG) through existing system beyond Aligarh(PG) with sharing of Dedicated transmission system of Khurja TPS.

It was also informed that THDC India Limited has requested for Start date from 15.06.2025. However, as the date had already passed and considering the time required for issuance of minutes of meeting, intimations, conn BGs submission, technical data approval etc. it was requested from M/s THDC India Limited to suggest a new Start Date for GNA_{RE}. M/s THDC India Ltd. informed thet hey would like to revise their start date to 28.12 .2025. The same was noted.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity location (As per Application)	Conn BGs requirement

Grid India in the meeting informed that, as per the existing practice, the scheduling of Khurja TPS which is having dual connectivity(STU & ISTS) is being scheduled by UP SLDC as the portion of allocation to UP(854.4 MW out of 1320 MW) is higher than ISTS portion(465.6 MW out of 1320 MW). Therefore, for this additional 11 MW being granted through same DTL with THDC Khurja as principle generator, scheduling is to be done by UP SLDC. UPPTCL in the meeting informed that they don't foresee any issue with scheduling of this additional 11 MW by UP SLDC and they shall ask UP SLDC to confirm the same in mail. The same was noted. However, no confirmation mail was received from UP SLDC in this regard.

However, subsequent to meetings, in discussions with CERC, it has emerged that as there is no specific provision in GNA Regulation, 2022 for change in start date of connectivity/GNA after making application, requests regarding change of start date of connectivity shall not be processed by CTU at any stage.

In view of above, for this application of M/s THDC India Ltd., the connectivity is being granted through the existing system & start date requested has already passed. Therefore, connectivity is to be granted as early as possible, and connectivity is to be made effective from two days upon signing of connectivity agreement by THDC.

Accordingly, for further deliberation of the start date connectivity of M/s THDC India Ltd & confirmation of scheduling by UP SLDC, it was decided that the above application will be deliberated again in the next meeting.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
10.	2200001994 (30.04.2025)	Rajasthan BESS Private Limited	Bikaner distt. Rajasthan	Standalone ESS	250(BESS)	Land Route	250	20.05.2026	Bhadla-III PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3Cr. • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Rajasthan BESS Private Limited has applied for connectivity for 250 MW at Bhadla-III PS as a standalone ESS project. However, with 6500 MW of connectivity already granted at Bhadla-III PS, Bhadla-III PS is already closed for further grant. As the above application by Rajasthan BESS Pvt. Ltd. is a BESS project, connectivity may be granted at Bhadla-III PS with the restriction on injection of power during solar hours. Accordingly, it was proposed to grant connectivity at Bhadla-III PS with restriction on injection of power from BESS during solar hours & the BESS shall be eligible to inject power (upto 250 MW) during solar hours only based on availability of real time margins. However, there will be no restrictions on drawl of power(upto 250 MW). M/s Rajasthan BESS Pvt. Ltd. agreed for the same.

Rajasthan BESS in the meeting requested CTUIL to grant connectivity without any restriction. In this regard CTUIL clarified that with connectivity of 6500 MW already granted at Bhadla-III PS , there is no additional margin for injection of power beyond that. Therefore, connectivity can be granted at Bhadla-III PS with restriction on injection during solar hours. However, the applicant may opt for connectivity at Bhadla-V PS where connectivity can be granted without any restrictions.

Rajasthan BESS clarified that NVVN has awarded this BESS project to them and as per the bid, the connectivity has to be at Bhadla-III PS and therefore they agree

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

for connectivity at Bhadla-III PS. Further, as per the bid conditions, the bay has to be in ISTS scope and bay is required matching with the SCoD of the project i.e. 23.06.2026.

NVVN informed that this project was formulated in consultation with CTUIL and ministry had communicated that BESS shall be interconnected at Bhadla-III PS & implementation of bay is to be under ISTS. Therefore, any change at this stage would attract deviation.

Regarding this, CTUIL clarified that information shared with NVVN earlier by CTUIL was more than a year ago. In the earlier communication, confirmation was provided only regarding the availability of space for implementation of 220 kV bay at Bhadla-III PS. Further, the margin for connectivity at Bhadla-III PS was still available at that point of time. However, in the past one year, various RE applicants have been granted connectivity at Bhadla complex at Bhadla-III PS followed by Bhadla-IV PS & Bhadla-V PS(cumulative connectivity of more than 10 GW). As per regulations, there is no provision to keep the connectivity margin reserved for any entity without connectivity application and connectivity is to be granted on first come first serve basis. Accordingly, at present there is no margin available to grant connectivity at Bhadla-III PS without restriction on injection.

Regarding the request for implementation of bay at Bhadla-III PS under ISTS in matching timeframe of the project, CTUIL highlighted that as per the directions of 28th NCT meeting, minimum timeline to be considered during award of AIS bay under ISTS is 18 months. Therefore, considering the above timeline of 18 months & time required to fulfilment other regulatory requirements as per regulations like issuance of in-principle intimation, Conn BGs submission, issuance of final intimation, signing of connectivity agreement etc., the tentative start date of connectivity shall be 30.04.2027(interim) matching with the SCoD of 220 kV bay.

After deliberations, it was agreed to grant connectivity of 250 MW to M/s Rajasthan BESS Pvt. Ltd. at Bhadla-III PS with restriction on injection during solar hours as mentioned above. Further, implementation of bays shall be considered under ISTS and CTUIL shall expedite grant of connectivity and award of bay under ISTS & M/s Rajasthan BESS Pvt. Ltd. was requested to expedite submission of Conn BGs and fulfilment of other regulatory requirements as per GNA Regulations so that the award of bay can be expedited. It was also informed that after award of bay, M/s Rajasthan BESS may coordinate with the TSP to expedite implementation of bay. M/s Rajasthan BESS agreed and noted the same.

Details of transmission system for connectivity of M/s Rajasthan BESS (250 MW) under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). Rajasthan BESS Private Limited – Bhadla-III 220 kV cable (Suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end – **Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Bhadla-III PS end – **Under the scope of ISTS**

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
C. <u>Common Transmission system for Connectivity under GNA:</u> As per **Annexure-VII** **Start Date of Connectivity under GNA: 30.04.2027(tentative)**										

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
11.	2200001997 (30.04.2025)	Renew Solar Power Private Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	LOA or PPA	300	31.05.2027	Bhadla-V PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 6 Cr. • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s ReNew Solar Power Private Limited has applied for connectivity for 300 MW at Bhadla-V PS. M/s Renew is already granted connectivity of 800 MW at Bhadla-V PS through 400 kV S/c line. Further, another applications by M/s Renew(App. No. 2200002063) of 300 MW is also eligible for grant of connectivity at Bhadla -V PS as per application priority. Accordingly, considering the combined capacity of 1400 MW(800+300+300), it was proposed to grant connectivity at Bhadla-V PS through the 400 kV D/c line. M/s Renew agreed for the same.

Applicant was asked to confirm the scope of 2nd 400 kV bay at Bhadla-V PS. M/s Renew informed that the scope shall be under ISTS with App. No. 2200001997 as lead generator.. The same was noted.

It was mentioned that the transmission system for evacuation of power from Bhadla-V PS is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was highlighted that with the grant of above connectivity of 300 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted.

It was also informed that M/s ReNew Solar Power Private Limited has requested Start Date of Connectivity under GNA from 31.05.2027. However, considering the same and expected commissioning date of transmission system (i.e. 30.09.2031), the start date of Connectivity under GNA shall be 30.09.2031(interim). M/s Renew Solar noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Renew Solar Private Limited at 400 kV Bhadla-V PS. Details of Transmission system for connectivity of M/s Renew Solar Private Limited under GNA is as below:

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

M/s Renew Solar Power Private Limited shall share the dedicated transmission system granted with App. No. 2200001864 as below:

(i). Common Pooling Station for ReNew Solar Power Private Limited RE Power Projects(App. No. 2200001781-200 MW, App. No. 2200001864-300 MW, App. No. 2200001865-300 MW ,App. No. 2200001997-300 MW & App. No. 2200002063-300 MW) – Bhadla-V PS 400 kV D/c line (suitable to carry minimum 900 MW per circuit at nominal voltage) along with associated bays at generation end– **Under Applicant Scope**

(ii). 2 no. of 400 kV bays at Bhadla-V PS end under the scope of ISTS– **Under the Scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-III**

Start Date of Connectivity under GNA: 30.09.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
12.	2200002000 (30.04.2025)	Renew Solar Power Private Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	LOA or PPA	300	31.05.2027	Barmer-IV PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Nil (Bay in sharing) • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Renew Solar Power Private Limited has applied for connectivity for 300 MW at Barmer PS. M/s Renew is already granted connectivity of 800 MW at Barmer-IV PS through 400 kV S/c line. Accordingly, it was proposed to grant connectivity at Barmer-IV PS through the same 400 kV S/c line for the combined capacity of 1100 MW. Accordingly, the DTL capacity is revised to 1100 MW from earlier capacity of 900 MW. M/s Renew Solar agreed for the same.

It was mentioned that the transmission system for evacuation of power from Barmer-IV is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was highlighted that with the grant of above connectivity of 300 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

It was also informed that M/s Renew Solar Power Private Limited has requested Start Date of Connectivity under GNA from 31.05.2027. Considering the same and expected commissioning date of transmission system (i.e. 31.12.2031), the start date of Connectivity under GNA shall be 31.12.2031 (interim). M/s Renew Solar noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Renew Solar Private Limited at 400 kV Barmer-IV PS. Details of Transmission system for connectivity of M/s Renew Solar Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

M/s Renew Solar Power Private Limited shall share the dedicated transmission system granted to M/s Renew Solar with App. No. 2200001684:

(i). Common Pooling Station for Renew Solar Power Private Limited RE Power Projects (App. No. 2200001550-300 MW, App. No. 2200001684-200 MW, App. No. 2200001689-300 MW & 2200002000-300 MW) – Barmer-IV PS 400 kV S/c line (Suitable to carry minimum 1100 MW at nominal voltage) along with associated bay at generation end – **Under Applicant Scope**

(ii). 1 no. of 400 kV bay at Barmer-IV PS end under the scope of ISTS – **Under the Scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-V**

Start Date of Connectivity under GNA: 31.12.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
13.	2200002006 (30.04.2025)	Adani Renewable Energy Holding Twelve Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	520(Solar)	LOA or PPA	520	31.12.2026	Ramgarh III PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 6 Cr. • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Adani Renewable Energy Holding Twelve Limited has applied for connectivity of 520 MW at Ramgarh-III PS. Further, it was also informed that additional applications for 400 MW by M/s Adani Renewable Energy Holding Twelve Limited (App. No. 2200002009) & Adani Renewable Energy Holding Nine Limited 180 MW (App. No. 2200002010) at Ramgarh-III PS with App. No. 2200002006 as lead generator are also being taken up for grant in the present meeting.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

Accordingly, it was proposed to grant connectivity at Ramgarh-III PS at 400 kV level through S/c line for combined capacity of 1100(520+400+180) MW. M/s Adani agreed for the same.

Applicant was asked to confirm the 400 kV bay scope at Ramgarh-III PS & DTL tower configuration. M/s Adani Renewable Energy informed that the 400 kV bay at Ramgarh-III PS shall be under ISTS & DTL configuration shall be S/c line on D/c tower. The same was noted and M/s Adani Renewable Energy was asked to submit necessary undertaking for S/c on D/c configuration. M/s Adani Renewable Energy agreed for the same.

It was mentioned that that the transmission system for evacuation of power from Ramgarh-III PS through HVDC is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was also informed that M/s Adani Renewable Energy Holding Twelve Limited has requested Start Date of Connectivity under GNA from 31.12.2026. However, considering the same and expected commissioning date of transmission system (i.e. 31.12.2031), the start date of Connectivity under GNA shall be 31.12.2031(interim). M/s Adani Renewable Energy noted the same.

Accordingly, it was agreed to grant connectivity of 520 MW to M/s Adani Renewable Energy Holding Twelve Limited at 400 kV Ramgarh-III PS. Details of Transmission system for connectivity of M/s Adani Renewable Energy Holding Twelve Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). Common Pooling Station for M/s Adani Renewable Energy Holding Twelve Limited (App. No. 2200002006-520 MW & App. No. 2200002009-400 MW) & Adani Renewable Energy Holding Nine Limited (App. No. 2200002010-180 MW) RE Power Projects – Ramgarh-III PS 400 kV S/c line on D/c (suitable to carry minimum 1100 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 400 kV bay at Ramgarh-III PS end – **Under the Scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-IV**

Start Date of Connectivity under GNA: 31.12.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
14.	2200002009 (30.04.2025)	Adani Renewable Energy Holding Twelve Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS through a lead generator	400(Solar)	LOA or PPA	400	31.12.2026	Ramgarh III PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Nil(Bay in sharing) • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Adani Renewable Energy Holding Twelve Limited has applied for connectivity of 400 MW at Ramgarh-III PS with App no. 2200002006 as lead generator. As informed with the previous application of M/s Adani Renewable Energy Holding Twelve Limited (App. No. 2200002006), it was proposed to grant connectivity at Ramgarh-III PS at 400 kV level through S/c line for combined capacity of 1100(520+400+180) MW. M/s Adani agreed for the same.

It was mentioned that the transmission system for evacuation of power from Ramgarh-III PS through HVDC is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was also informed that M/s Adani Renewable Energy Holding Twelve Limited has requested Start Date of Connectivity under GNA from 31.12.2026. However, considering the same and expected commissioning date of transmission system (i.e. 31.12.2031), the start date of Connectivity under GNA shall be 31.12.2031(interim). M/s Adani Renewable Energy noted the same.

Accordingly, it was agreed to grant connectivity of 400 MW to M/s Adani Renewable Energy Holding Twelve Limited at 400 kV level of Ramgarh-III PS. Details of Transmission system for connectivity of M/s Adani Renewable Energy Holding Twelve Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

Adani Renewable Energy Holding Twelve Limited shall share the dedicated transmission system granted to Adani Renewable Energy Holding Twelve Limited under App. No. 2200002006(520 MW) as below:

(i). Common Pooling Station for M/s Adani Renewable Energy Holding Twelve Limited (App. No. 2200002006-520 MW & App. No. 2200002009-400 MW) & Adani Renewable Energy Holding Nine Limited (App. No. 2200002010-180 MW) RE Power Projects – Ramgarh-III PS 400 kV S/c line (suitable to carry minimum 1100 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 400 kV bay at Ramgarh-III PS end – **Under the Scope of ISTS**

Common Transmission system for Connectivity under GNA: As per **Annexure-IV**

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
Start Date of Connectivity under GNA: 31.12.2031(Interim). Final date shall be confirmed upon award of the system										

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
15.	2200002010 (30.04.2025)	Adani Renewable Energy Holding Nine Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), with ESS through a lead generator	180(Solar) 85(BESS)	LOA or PPA	180	31.12.2026	Ramgarh III PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Nil(Bay in sharing) • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Adani Renewable Energy Holding Nine Limited has applied for connectivity of 180 MW at Ramgarh-III PS with App no. 2200002006 as lead generator. Accordingly, as informed with the previous applications of M/s Adani Renewable Energy Holding Twelve Limited (App. No. 2200002006 & 2200002009), it was proposed to grant connectivity at Ramgarh-III PS at 400 kV level through S/c line for combined capacity of 1100(520+400+180) MW.

It was mentioned that the transmission system for evacuation of power from Ramgarh-III PS through HVDC is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was highlighted that with the grant of above connectivity of 180 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted.

It was also informed that M/s Adani Renewable Energy Holding Twelve Limited has requested for Start Date of Connectivity under GNA from 31.12.2026. However, considering the same and expected commissioning date of transmission system (i.e. 31.12.2031), the start date of Connectivity under GNA shall be 31.12.2031(interim). M/s Adani Renewable Energy noted the same.

Accordingly, it was agreed to grant connectivity of 180 MW to M/s Adani Renewable Energy Holding Nine Limited at 400 kV level of Ramgarh-III PS. Details of Transmission system for connectivity of M/s Adani Renewable Energy Holding Nine Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. **Associated Transmission System (ATS): NIL**

B. **Dedicated Transmission System for Connectivity under GNA:**
Adani Renewable Energy Holding Nine Limited shall share the dedicated transmission system for Adani Renewable Energy Holding Twelve Limited granted under App. No. 2200002006(520 MW) as below:

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
(i). Common Pooling Station for M/s Adani Renewable Energy Holding Twelve Limited (App. No. 2200002006-520 MW & App. No. 2200002009-400 MW) & Adani Renewable Energy Holding Nine Limited (App. No. 2200002010-180 MW) RE Power Projects – Ramgarh-III PS 400 kV S/c line (suitable to carry minimum 1100 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope** (ii). 1 no. of 400 kV bay at Ramgarh-III PS end – **Under the Scope of ISTS** **C. <u>Common Transmission system for Connectivity under GNA:</u>** As per **Annexure-IV** **Start Date of Connectivity under GNA: 31.12.2031(Interim).** Final date shall be confirmed upon award of the system										

C5. Applications for Connectivity to ISTS under CERC (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2022 received in May'25

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Nearest Pooling Station (As per Application)
1	2200002028 (10.05.2025)	Adani Renewable Energy Holding Nine Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), with ESS through a lead generator	180(Solar) 85(BESS)	LOA or PPA	180	31.12.2026	Barmer IV PS
2	2200002030 (12.05.2025)	Solarcraft Power India 17 Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar)	Land Route	300	30.06.2028	Bikaner-IV PS
3	2200002060 (20.05.2025)	Acme Greentech Urja Private Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2182(Solar)	Land BG route	2182	28.12.2028	Ramgarh SS
4	2200002062 (20.05.2025)	RJS Renewables Private Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	150(Solar)	Land Route	150	20.04.2028	Ramgarh-II
5	2200002063 (20.05.2025)	Renew Solar Power Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	300(Solar)	LOA or PPA	300	31.05.2027	Bhadla-IV/Bhadla-V
6	2200002066 (21.05.2025)	Waaree Forever Energies Private Limited	Jodhpur distt. Rajasthan	Generating station(s), including REGS(s), with ESS	200(Solar) 100(BESS)	Land BG route	200	30.09.2032	Bhadla-V
7	2200002071 (22.05.2025)	Waaree Forever Energies Private Limited	Jodhpur distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	Land BG route	300	31.12.2032	Bhadla-V
8	2200002072 (22.05.2025)	Waaree Forever Energies Private Limited	Jodhpur distt. Rajasthan	Generating station(s), including REGS(s), with ESS	220(Solar) 100(BESS)	Land BG route	200	31.12.2032	Bhadla-V

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Nearest Pooling Station (As per Application)
9	2200002080 (23.05.2025)	Waaree Forever Energies Private Limited	Jodhpur distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	Land BG route	300	31.12.2031	Bhadla-V
10	2200002093 (28.05.2025)	Hinduja Renewables Energy Private Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	50(Solar)	Land BG route	50	31.03.2028	Barmer-I
11	2200002097 (28.05.2025)	Vena Energy Konkan Wind Power Private Limited	Pali distt. Rajasthan	Standalone ESS	300(BESS)	Land Route	300	31.12.2030	Pali Complex Rajasthan
12	2200002099 (29.05.2025)	SA Renewable Infra Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	20(Solar)	Land Route	20	31.03.2030	Bikaner-V PS
13	2200002104 (30.05.2025)	Reliance Nu Energies Private Limited	Jalore distt. Rajasthan	Generating station(s), including REGS(s), with ESS	350(Solar) 175(BESS)	LOA or PPA	350	31.12.2027	Sanchore
14	2200002111 (31.05.2025)	Adani Renewable Energy Holding Twelve Limited	Jalore distt. Rajasthan	Generating station(s), including REGS(s), without ESS	520(Solar)	LOA or PPA	520	30.06.2027	Sanchore Complex ISTS

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
1.	2200002028 (10.05.2025)	Adani Renewable Energy Holding Nine Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), with ESS through a lead generator	180(Solar) 85(BESS)	LOA or PPA	180	31.12.2026	Barmer IV PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Nil(Bay in sharing) • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Adani Renewable Energy Holding Nine Limited (AREHNL) has applied for connectivity of 180 MW at Barmer-IV PS with M/s Adani Renewable Energy Holding Twelve Ltd. (AREHTL)(App no. 2200001907) as lead generator. It is to mention that connectivity of 823.33 MW (520+303.33) is already agreed for grant to AREHTL at Barmer-IV PS through a 400 S/c line in the 38th CMETS NR meeting held on 28.05.2025.. Accordingly, it was proposed to grant connectivity at Barmer-IV PS at 400 kV level in sharing with M/s AREHTL through same S/c line. It may be noted that M/s AREHTL need to increase the dedicated line capacity to minimum 1004 MW (from earlier mentioned 900 MW) to accommodate the above application by M/s AREHNL(180 MW). M/s Adani agreed for the same.

It was mentioned that the transmission system for evacuation of power from Barmer-IV PS through HVDC is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was highlighted that with the grant of above connectivity of 180 MW, the applicant shall be eligible only for injection of power into ISTS & shall not be eligible for drawl of power from the grid under the above connectivity granted under 4.1 of GNA Regulations 2022. Accordingly, the BESS associated with REGS shall be eligible to draw power only from the co located REGS & no drawl of power from the ISTS grid shall be allowed under the above connectivity granted under GNA Regulations 2022.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

It was also informed that M/s AREHNL has requested Start Date of Connectivity under GNA from 31.12.2026. However, considering the same and expected commissioning date of transmission system (i.e. 31.12.2031), the start date of Connectivity under GNA shall be 31.12.2031(interim) as requested. M/s AREHNL noted the same.

Accordingly, it was agreed to grant connectivity of 180 MW to M/s AREHNL at 400 kV level of Barmer-IV PS. Details of Transmission system for connectivity of M/s AREHNL under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. **Associated Transmission System (ATS): NIL**

B. **Transmission System under applicant scope**

M/s Adani Renewable Energy Holdings Nine Ltd shall share the dedicated transmission system of M/s Adani Renewable Energy Holding Twelve Ltd as below:

(i). Common Pooling Station for M/s Adani Renewable Energy Holding Twelve Limited RE Power Projects (App. No. 2200001907 :520 MW & App. No. 2200001908 :303.33 MW) – Barmer-IV PS 400 kV S/c line on D/c tower (suitable to carry minimum 1004 MW at nominal voltage) along with associated bay at generation end -**– Under Applicant Scope**

(ii). 1 no. of 400 kV bay at Barmer-IV PS end – **Under the Scope of ISTS**

C. **Transmission system for Connectivity under GNA:** As per **Annexure-V**

Start Date of Connectivity under GNA: 31.12.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
2.	2200002030 (12.05.2025)	Solarcraft Power India 17 Private Limited	Bikaner distt. Rajasthan	iii. Generating station(s), including REGS(s), with ESS	300(Solar) 300(BESS)	Land Route	300	30.06.2028	Bikaner-IV PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: to be decided • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Solarcraft Power India 17 Private Limited has applied for connectivity for 300 MW at Bikaner-IV PS. However, Bikaner-IV PS & Bikaner-V PS is already closed for grant of connectivity (except enhancement upto 20 MW). Accordingly, the above application shall be considered for grant at Bikaner-VI PS.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
However, total potential declared by MNRE in Bikaner complex is about 26.8 GW. Considering the total connectivity granted at Bikaner Complex, the subject application is beyond the 26.8 GW potential. A feedback from MNRE is to be sought w.r.t. max potential to be considered in the area. In the 29th NCT meeting held on 16.04.2025, 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. Accordingly, it was informed that the above application for connectivity shall be considered for grant after assessment and declaration of such additional potential by MNRE at Bikaner Complex. M/s Solarcraft Power noted the same.										

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
3.	2200002060 (20.05.2025)	ACME Greentech Urja Private Limited	Jaisalmer distt. Rajasthan	i. Generating station(s), including REGS(s), without ESS	2182(Solar)	Land BG route	2182	28.12.2028	Ramgarh SS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 12 Cr. • Conn BG3: Rs. 2 lakh/MW
It was informed that M/s ACME Greentech Urja Private Limited has applied for connectivity for 2182 MW at Ramgarh PS. However, there is no margin available at Ramgarh PS and Ramgarh-II PS for 2182 MW (except for 169 MW at Ramgarh-II PS). Accordingly, it was proposed to grant connectivity at proposed Ramgarh-III PS at 400 kV through D/c line. M/s ACME agreed for the same. Applicant was asked to confirm the 400 kV bays scope at Ramgarh-III PS. M/s ACME confirmed that the scope of 400 kV bays at Ramgarh-III PS shall be under ISTS. The same was noted. Grid India in the meeting informed that the connectivity quantum is more than 2000 MW. Outage of one circuit may lead to tripping of large quantum of generation (>1000 MW). Since Rajasthan RE complex is very critical, Grid India suggested to consider N-1 contingency for DTL capacity. Considering the suggestion by Grid India, CTUIL enquired M/s ACME to explore feasibility of installing DTL with minimum capacity of 2182 MW per circuit(including the requirement for reactive power injection at PoA with 0.95 PF) so that the connectivity can be granted with 400 KV D/c line as proposed. Otherwise connectivity is to be granted with 3 no. of 400 kV circuits (1 D/c line +1 S/c line) with minimum capacity of 1091 MW per circuit to meet N-1 contingency. M/s ACME agreed and informed that they shall explore & confirm the same after the meeting. It was mentioned that the transmission system for evacuation of power from Ramgarh-III PS is presently under evolution. Upon evolution, the scheme which is currently tentative, shall be discussed and finalized in joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme. It was also informed that M/s ACME Greentech Urja Private Limited has requested Start Date of Connectivity under GNA from 28.12.2028. However, considering the same and expected commissioning date of transmission system (i.e. 31.12.2031), the start date of Connectivity under GNA shall be 31.12.2031 (interim). M/s ACME noted the same.										

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

Details of Transmission system for Connectivity under GNA:

A. **Associated Transmission System (ATS):** **NIL**

B. **Dedicated Transmission System for Connectivity under GNA:**

(i). ACME Greentech Urja Private Limited RE Power Project– Ramgarh-III PS 400 kV D/c line (Suitable to carry minimum 2182 MW per circuit at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 2 no. of 400 kV bays at Ramgarh-III PS end – **Under the Scope of ISTS**

C. **Common Transmission system for Connectivity under GNA:** As per **Annexure-IV**

Start Date of Connectivity under GNA: 31.12.2031(Interim). Final date shall be confirmed upon award of the system

Subsequent to meeting, it was observed that more detailed deliberation is required regarding the rating of dedicated line(2182 MW) considering the design limitations of AIS substation and ratings of 400 kV bays & switchyard equipment ratings. In view of the above, it was decided that the application shall be deliberated in the next CMETS NR meeting.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
4.	2200002062 (20.05.2025)	RJS Renewables Private Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	150(Solar)	Land Route	150	20.04.2028	Ramgarh-II	• Conn BG1: Rs. 50 Lakh • Conn BG2: Nil(Bay in sharing) • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s RJS Renewables Private Limited has applied for connectivity for 150MW at Ramgarh-II PS. M/s RJS Renewable is already granted connectivity of 150 MW at Ramgarh-II PS under App. No. 2200000782 through 1 no. of 220 kV bay. Further, margin of 169 MW is available at Ramgarh-II PS.

However, from the project coordinates submitted by the applicant, it was observed that the project location is about 100 km away from existing Ramgarh PS. Further, the location of earlier granted connectivity of 150 MW to RJS Renewables under App. No. 2200000782 is also about 95 km away from location of present application. As per the coordinates & documents submitted by the applicant, the project is located inside the priority area of GIB zone. Further, other RE pooling stations in different RE complexes like Bhadla-V PS & Barmer-IV PS are also likely to be more than 90 km away from the project location with DTL likely passing through priority area of GIB. In view of the above, CTUIL vide mail dated 09.07.2025, asked M/s RJS renewable to clarify regarding the above issues related to distance & location of project inside GIB area.

M/s RJS Renewable vide mail dated clarifications regarding the issues highlighted by CTUIL.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

(i) **Regarding the distance of location of project from Ramgarh, M/s RJS Renewable clarified as below:**

"It is to mention that our both applications are having about 92 km distance. Considering power flow requirement of only 150 MW over 92 km distance on a 220kV transmission line shall not be a technical issue due to less order of power flow as compared to the design capacity (300 MW) of the DTL. Therefore, it is very much technically feasible to evacuate 150 MW of power over 90-95 km 220kV transmission line interconnecting both parcels. Further suitable conductor and equipment's shall also be installed to meet all technical requirements. In addition, it is to mention that as we are yet to acquire balance land at both parcels, both PSS shall be sited on balance land parcels in such an optimal way that DTL distance shall further reduce from 92 km to about 70-80 km, which will give us further additional technical margins.

In addition, in case of any further technical requirement, CERC connectivity regulation & order and CTU advisory also give us enabling framework to change land parcels at subsequent stage(s), if need be, in Ramgarh complex. We undertake to comply all technical and regulatory requirements in this regard."

(ii) **Regarding the location of project inside GIB area M/s RJS Renewable clarified as below:**

"As per the available information reg. GIB area, the part land parcel is located just on the inside boundary of the GIB area. In the application, we have provided coordinates of the land parcel. Further, we are yet to acquire balance land (140-170 acre) [new parcel] in proximity, which shall be outside of boundary of the GIB area. In this new parcel, our PSS is proposed to be located. Both the parcels (existing & new) shall be interconnected through 33kV underground cables up to the 33/220 kV PSS, which shall be located outside the GIB boundary from which 220kV O/H line will take off. Generally, it's a normal practice to have 33kV feeders undergrounded within a solar project. Since we shall not have any Overhead line placed within inside boundary of GIB area i.e. existing parcel, we do not foresee any requirement of permission from respective authorities. Further to clarify, earlier GIB order/erstwhile Committee restriction in GIB priority area was only on Overhead transmission lines not on Solar Project & undergrounded lines.

Any new recommendation of expert committee (submitted with dissent notes to Hon'ble SC) is yet to be heard & decide on its adoption / rejection by the Hon'ble Supreme court, therefore as on date there is no Hon'ble Supreme Court order regarding solar projects in GIB area.

Further, we undertake to comply with Hon'ble SC order on matters related to GIB. In addition, CERC connectivity regulation & order and CTU advisory also give us enabling framework to change land parcels at subsequent stage(s), if need be, in Ramgarh complex."

Further, CTUIL vide mail dated 08.07.2025 had also requested CEA to provide their views regarding the processing of this application. Subsequently, CEA vide mail dated 10.07.2025 submitted that the matter related to establishment of RE project and construction of overhead transmission line in GIB area is sub judice in the Hon'ble Supreme Court in civil Writ Petition No. 838 of 2019 & therefore CTUIL may seek legal opinion on the above matter of Grant of Connectivity under GNA in light of various orders passed by Hon'ble Supreme Court in the above referred petition. CTUIL is in the process of obtaining legal opinion in this regard.

Accordingly, it was decided that the decision on processing of above application shall be taken after receipt of legal opinion & subsequent deliberations regarding the same preferably in the next CMETS NR meeting. M/s RJS Renewable noted the same.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
5.	2200002063 (20.05.2025)	Renew Solar Power Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	300(Solar)	LOA or PPA	300	31.05.2027	Bhadla-IV/Bhadla-V	• Conn BG1: Rs. 50 Lakh • Conn BG2: Lead confirm • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s ReNew Solar Power Private Limited has applied for connectivity for 300 MW at Bhadla-IV/V PS. As informed with the previous application of M/s Renew Solar at Bhadla-V PS(2200001997-300 MW), it was proposed to grant connectivity at 400 kV through 400 kV D/c line for the combined capacity of 1400 MW. M/s Renew Solar agreed for the same.

It was mentioned that that the transmission system for evacuation of power from Bhadla-V PS is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was also informed that M/s ReNew Solar Power Private Limited has requested Start Date of Connectivity under GNA from 31.05.2027. However, considering the same and expected commissioning date of transmission system (i.e. 30.09.2031), the start date of Connectivity under GNA shall be 30.09.2031(interim). M/s Renew Solar noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Renew Solar at 400 kV level of Bhadla-V PS. Details of Transmission system for connectivity of M/s Renew Solar under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

M/s Renew Solar Power Private Limited shall share the dedicated transmission system granted with App. No. 2200001864 as below:

(i). Common Pooling Station for ReNew Solar Power Private Limited RE Power Projects(App. No. 2200001781-200 MW, App. No. 2200001864-300 MW, App. No. 2200001865-300 MW ,App. No. 2200001997-300 MW & App. No. 2200002063-300 MW) – Bhadla-V PS 400 kV D/c line (suitable to carry minimum 900 MW per circuit at nominal voltage) along with associated bays at generation end– **Under Applicant Scope**

(ii). 2 no. of 400 kV bays at Bhadla-V PS end **– Under the Scope of ISTS**

C. Common Transmission system for Connectivity under GNA: As per **Annexure-III**

Start Date of Connectivity under GNA: 30.09.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
6.	2200002066 (21.05.2025)	Waaree Forever Energies Private Limited	Jodhpur distt. Rajasthan	Generating station(s), including REGS(s), with ESS	200(Solar) 100(BESS)	Land BG route	200	30.09.2032	Bhadla-V	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 6 Cr. • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Waaree Forever Energies Private Limited has applied for connectivity for 200 MW at Bhadla-V PS. Further, M/s Waaree Forever has filed additional applications for cumulative quantum of 800 MW at Bhadla complex(App. No. 2200002071-300 MW, App. No. 2200002072-200 MW & App. No. 2200002080-300 MW) which are also being taken up for discussion in the same meeting.

However, it was informed that the total connectivity already granted/agreed for grant at Bhadla-V PS including the applications discussed in this meeting is 5300 MW. As Bhadla-V is being planned for evacuation of 6000 MW through HVDC, only 700 MW(6000-5300) of margin is remaining for grant at Bhadla-V PS. M/s Waaree Forever Energies noted the same.

Four no. of applications at Bhadla complex are remaining to be deliberated in this meeting. Accordingly, as per application priority, 700 MW of connectivity for initial 3 applications (App. No. 2200002066(200 MW), App. No.2200002071(300 MW) & App. No. 2200002072(200 MW)) of M/s Waaree Forever Energies shall be granted at Bhadla-V PS through a common 400 kV S/c line as DTL. Remaining application of 300 MW (App. No. 2200002080) of M/s Waaree Forever Energies shall be considered for grant at new proposed Bhadla-VI PS. Accordingly, it was proposed to grant connectivity at Bhadla-V PS through 400 kV S/c line for the combined capacity of 700 MW(200MW+300MW+200MW). M/s Waaree Forever noted and agreed for the same.

Applicant was asked to confirm the 400 kV bays scope at Bhadla-V PS end, DTL tower configuration & Lead generator for DTL implementation & Conn BG-2 submission. M/s Waaree Forever Energies informed that the 400 kV bay at Bhadla-V PS shall be under ISTS & DTL configuration shall be S/c line on D/c tower. Further, M/s Waaree Forever vide email dated 12.08.2025 informed that the App. No. 2200002066 may be considered as lead generator. The same was noted and M/s Waaree Forever Energies was asked to submit necessary undertaking for S/c on D/c configuration. M/s Waaree Forever Energies agreed for the same.

It was highlighted that with the grant of above connectivity of 200 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted.

It was mentioned that the transmission system for evacuation of power from Bhadla-V PS is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was also informed that M/s Waaree Forever Energies Private Limited has requested Start Date of Connectivity under GNA from 30.09.2032. Considering the same and expected commissioning date of transmission system (i.e. 30.09.2031), the start date of Connectivity under GNA shall be 30.09.2032(interim). M/s Waaree Forever noted the same.

Accordingly, it was agreed to grant connectivity of 200 MW to M/s Waaree Forever at 400 kV level of Bhadla-V PS. Details of Transmission system for connectivity of

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

M/s Waaree Forever Energies Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. **Associated Transmission System (ATS): NIL**

B. **Dedicated Transmission System for Connectivity under GNA:**

(i). Common Pooling Station for Waaree Forever Energies Private Limited RE Power Projects(App. No. 2200002066-200 MW, App. No. 2200002071-300 MW & , App. No. 2200002072-200 MW) – Bhadla-V PS 400 kV S/c line on D/c tower (suitable to carry minimum 900 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 400 kV bay at Bhadla-V PS end **– Under the scope of ISTS Scope**

C. **Common Transmission system for Connectivity under GNA:** As per **Annexure-III**

Start Date of Connectivity under GNA: 30.09.2032(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
7.	2200002071 (22.05.2025)	Waaree Forever Energies Private Limited	Jodhpur distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	Land BG route	300	31.12.2032	Bhadla-V	• Conn BG1: Rs. 50 Lakh • Conn BG2: Nil(Bay in sharing) • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Waaree Forever Energies Private Limited has applied for connectivity for 300 MW at Bhadla-V PS. As informed with the previous application of M/s Waaree Forever Energies (App. No. 2200002066), it was proposed to grant connectivity at Bhadla-V PS through 400 kV S/c line for the combined capacity of 700 MW (200MW+300MW+200MW).

It was highlighted that that with the grant of above connectivity of 300 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted.

It was mentioned that the transmission system for evacuation of power from Bhadla-V PS is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was also informed that M/s Waaree Forever Energies Private Limited has requested Start Date of Connectivity under GNA from 31.12.2032. Considering the same

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

and expected commissioning date of transmission system (i.e. 30.09.2031), the start date of Connectivity under GNA shall be 31.12.2032(interim). M/s Waaree Forever noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Waaree Forever at 400 kV level of Bhadla-V PS. Details of Transmission system for connectivity of M/s Waaree Forever Energies Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. **Associated Transmission System (ATS): NIL**

B. **Dedicated Transmission System for Connectivity under GNA:**
M/s Waaree Forever Energies Private Limited shall share the dedicated transmission system granted with App. No. 2200002066 as below:
(i). Common Pooling Station for Waaree Forever Energies Private Limited RE Power Projects(App. No. 2200002066-200 MW, App. No. 2200002071-300 MW & , App. No. 2200002072-200 MW) – Bhadla-V PS 400 kV S/c line on D/c tower (suitable to carry minimum 900 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**
(ii). 1 no. of 400 kV bay at Bhadla-V PS end **– Under the scope of ISTS Scope**

C. **Common Transmission system for Connectivity under GNA:** As per **Annexure-III**

Start Date of Connectivity under GNA: 31.12.2032(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
8.	2200002072 (22.05.2025)	Waaree Forever Energies Private Limited	Jodhpur distt. Rajasthan	Generating station(s), including REGS(s), with ESS	220(Solar) 100(BESS)	Land BG route	200	31.12.2032	Bhadla-V	• Conn BG1: Rs. 50 Lakh • Conn BG2: Nil • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Waaree Forever Energies Private Limited has applied for connectivity for 200 MW at Bhadla-V PS. As informed with the previous applications of M/s Waaree Forever Energies (App. No. 2200002066(200 MW) & 2200002071(300 MW)), it was proposed to grant connectivity at Bhadla-V PS through 400 kV S/c line for the combined capacity of 700 MW (200MW+300MW+200MW).

It was highlighted that with the grant of above connectivity of 200 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

It was mentioned that the transmission system for evacuation of power from Bhadla-V PS is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

M/s Waaree Forever Energies Private Limited has requested Start Date of Connectivity under GNA from 31.12.2032. Considering the same and expected commissioning date of transmission system (i.e. 31.12.2031), the start date of Connectivity under GNA shall be 31.12.2032(interim). M/s Waaree Forever noted the same.

Accordingly, it was agreed to grant connectivity of 200 MW to M/s Waaree Forever at 400 kV level of Bhadla-V PS. Details of Transmission system for connectivity of M/s Waaree Forever Energies Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. **Associated Transmission System (ATS):** **NIL**

B. **Dedicated Transmission System for Connectivity under GNA:**
M/s Waaree Forever Energies Private Limited shall share the dedicated transmission system granted with App. No. 2200002066 as below:
   (i). Common Pooling Station for Waaree Forever Energies Private Limited RE Power Projects(App. No. 2200002066-200 MW, App. No. 2200002071-300 MW & App. No. 2200002072-200 MW) – Bhadla-V PS 400 kV S/c line on D/c tower(suitable to carry minimum 900 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**
   (ii). 1 no. of 400 kV bay at Bhadla-V PS end **– Under the scope of ISTS Scope**

C. **Common Transmission system for Connectivity under GNA:** As per **Annexure-III**

Start Date of Connectivity under GNA: 31.12.2032(Interim). Final date shall be confirmed upon award of the system

It was also informed that, with this grant of 200 MW to M/s Waaree Forever, total connectivity granted/agreed to grant at Bhadla-V PS is 6000 MW. As Bhadla-V PS is being planned for evacuation of 6000 MW through HVDC, Bhadla-V PS shall be closed for further grant including enhancements. Subsequent applications in Bhadla complex shall be considered for grant at new proposed Bhadla-VI PS. Applicants noted the same.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
9.	2200002080 (23.05.2025)	Waaree Forever Energies Private Limited	Jodhpur distt. Rajasthan	Generating station(s), including REGS(s), with ESS	300(Solar) 150(BESS)	Land BG route	300	31.12.2031	Bhadla-V	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Waaree Forever Energies Private Limited has applied for connectivity for 300 MW at Bhadla-V PS. However, as informed earlier, with cumulative connectivity grant of 6000 MW, Bhadla-V PS is already closed for further grant of connectivity including enhancements. Accordingly, it was proposed to grant connectivity of 300 MW at 220 kV Bhadla-VI PS through S/c line.

Applicant was asked to confirm the 220 kV bay scope at Bhadla-VI PS end & DTL tower configuration. M/s Waaree Forever Energies informed that the 220 kV bay at Bhadla-VI PS shall be under ISTS & DTL configuration shall be S/c line on D/c tower. The same was noted and M/s Waaree Forever Energies was asked to submit necessary undertaking for S/c on D/c configuration. M/s Waaree Forever Energies agreed for the same.

It was mentioned that the transmission system for evacuation of power from Bhadla-VI PS is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was highlighted that with the grant of above connectivity of 300 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted.

It was also informed that M/s Waaree Forever Energies Private Limited has requested Start Date of Connectivity under GNA from 31.12.2031. However, considering the same and expected commissioning date of transmission system (i.e. 30.06.2032), the start date of Connectivity under GNA shall be 30.06.2032(interim). M/s Waaree Forever noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Waaree Forever at 220 kV level of Bhadla-VI PS. Details of Transmission system for connectivity of M/s Waaree Forever Energies Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

(i). Waaree Forever Energies Private Limited RE Power Project– Bhadla-VI PS 220 kV S/c line on D/c tower (suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**

(ii). 1 no. of 220 kV bay at Bhadla-VI PS end **– Under the scope of ISTS Scope**

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity (MW)	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

C. <u>Common Transmission system for Connectivity under GNA:</u> As per **Annexure-VIII**

Start Date of Connectivity under GNA: 30.06.2032(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
10.	2200002093 (28.05.2025)	Hinduja Renewables Energy Private Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	50(Solar)	Land BG route	50	31.03.2028	Barmer-I	• Conn BG1: Rs. 50 Lakh • Conn BG2: Nil(Bay in sharing) • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Hinduja Renewables Energy Private Limited (HREPL) has applied for 50MW connectivity at Barmer-I PS. In this regard, it was informed that 50MW margin is available at Barmer-I PS in 220 kV bay already allocated to M/s HREPL for connectivity of 250 MW under App. No. 2200000425. Accordingly, it was proposed to grant connectivity to M/s HREPL (50MW) at Barmer-I PS at 220kV level in sharing with App. No. 2200000425). M/s HREPL agreed for the same.

It was also informed that M/s HREPL has requested Start Date of Connectivity under GNA from 31.03.2028. Considering the same and expected commissioning date of transmission system (i.e. 24.03.2027), the start date of Connectivity under GNA shall be 31.03.2028. M/s HREPL noted the same.

Accordingly, it was agreed to grant connectivity of 50 MW to M/s Hinduja Renewables Energy Private Limited at 220 kV level of Barmer-I PS in sharing. Details of Transmission system for connectivity of M/s Hinduja Renewables Energy Private Limited under GNA is as below:

<u>Details of Transmission system for Connectivity under GNA:</u>

A. <u>Associated Transmission System (ATS):</u> NIL

B. <u>Dedicated Transmission System for Connectivity under GNA:</u>

M/s Hinduja Renewables Energy Private Limited(HREPL) shall share the dedicated transmission system of M/s HREPL granted under App. No. 220000425(250 MW) as below:

(i) Hinduja Renewables Energy Private Limited RE power Project – Barmer-I PS 220 kV S/c line on D/c tower (suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end– **Under Applicant Scope**

(ii) 1 no. of 220 kV bay at Barmer-I PS **– Under the scope of ISTS**

C. <u>Common Transmission system for Connectivity under GNA</u>: As per **Annexure-IX**

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
Start Date of Connectivity under GNA: 31.03.2028 . It was informed that Barmer-I PS was planned for 4000MW. With the above grant of enhancement of 50MW to M/s HREPL, total connectivity granted at Barmer-I PS shall be 4000MW. Accordingly, Barmer-I PS shall be closed for further connectivity grants including enhancements.										

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
11.	2200002097 (28.05.2025)	Vena Energy Konkan Wind Power Private Limited	Pali distt. Rajasthan	Standalone ESS	300(BESS)	Land Route	300	31.12.2030	Pali Complex Rajasthan	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Vena Energy Konkan Wind Power Private Limited has applied for connectivity of 300 MW at Pali PS for its Standalone ESS Project. Accordingly, it was proposed to grant connectivity at Pali PS at 220 kV level through 220 kV S/c line.

Applicant was asked to confirm the 220 kV bay scope at Pali PS end & DTL tower configuration. M/s Vena Energy Konkan informed that the 220 kV bay at Pali PS shall be under ISTS & DTL configuration shall be S/c line on D/c tower. The same was noted and M/s Vena Energy Konkan was asked to submit necessary undertaking for S/c on D/c configuration. M/s Vena Energy Konkan agreed for the same.

It may be noted that the transmission system for evacuation of power from Nagaur(Merta) & Pali complexes through Beawar(HVDC) is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

M/s Vena Energy Konkan Wind Power Private Limited has requested Start Date of Connectivity under GNA from 30.09.2030, However, considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.06.2031(interim). M/s Vena Energy Konkan noted the same.

Accordingly, it was agreed to grant connectivity of 300 MW to M/s Vena Energy Konkan Wind Power Private Limited at 220 kV level of Pali PS. Details of Transmission system for connectivity of M/s Vena Energy Konkan Wind Power Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. Associated Transmission System (ATS): NIL

B. Dedicated Transmission System for Connectivity under GNA:

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
(i). M/s Vena Energy Konkan Wind Power Private Limited Standalone ESS Project – Pali PS 220 kV S/c line on D/c tower (suitable to carry minimum 300 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope** (ii). 1 no. of 220 kV bay at Pali PS end **– Under the scope of ISTS** **C. <u>Common Transmission system for Connectivity under GNA:</u>** As per **Annexure-II** **Start Date of Connectivity under GNA: 30.06.2031(Interim).** Final date shall be confirmed upon award of the system										

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity location(As per Application)	Conn BGs requirement
12.	2200002099 (29.05.2025)	SA Renewable Infra Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	20(Solar)	Land Route	20	31.03.2030	Bikaner-V PS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Nil(Bay in sharing) • Conn BG3: Rs. 2 lakh/MW
It was informed that M/s SA Renewable Infra Private Limited has applied for enhancement of connectivity of 20 MW at Bikaner-V PS. With total connectivity grant of 5980 MW, Bikaner-V PS is already closed for further grant except enhancement upto 20 MW. Further, SA renewable Infra is already granted connectivity of 100 MW at Bikaner-V PS in sharing with M/s Iraax International. Accordingly, it was proposed to grant connectivity to M/s SA Renewable at 220 kV Bikaner-V PS through same 220 kV bay allocated to M/s Iraax International. M/s SA Renewable agreed for the same. Further, considering the total connectivity granted to M/s Iraax International (250 MW) & SA Renewable(120 MW), it was highlighted that M/s Iraax international need to construct DTL with minimum carrying capacity of 370 MW to accommodate the above application. M/s Iraax noted and agreed for the same. It was mentioned that the transmission system for evacuation of power from Bikaner-V PS is presently under discussion. The scheme is currently tentative, which shall be finalized in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme. It was also informed that M/s SA Renewable Infra Private Limited has requested Start Date of Connectivity under GNA from 31.03.2030. However, considering the same and expected commissioning date of transmission system (i.e. 31.10.2030), the start date of Connectivity under GNA shall be 31.10.2030 (interim). M/s SA Renewable noted the same. Accordingly, it was agreed to grant connectivity of 20 MW to M/s SA Renewable Infra Private Limited at 220 kV level of Bikaner-V PS in sharing. Details of Transmission system for connectivity of M/s SA Renewable Infra Private Limited under GNA is as below:									

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity location(As per Application)	Conn BGs requirement

Details of Transmission system for Connectivity under GNA:

A. **Associated Transmission System (ATS):** **NIL**

B. **Dedicated Transmission System for Connectivity under GNA:**
M/s SA Renewable Infra Private Limited (App. No. 22000002099) shall share dedicated transmission system for connectivity granted to M/s Iraax International Private Ltd under App. No. 2200000484:

(i) Common Pooling station for Iraax International Private Ltd Solar Power Projects (App. No. 2200000484 - 100 MW & App. No. 2200000540 - 150 MW) – Bikaner-V PS 220 kV S/c line on D/c tower (Suitable to carry minimum 370 MW at nominal voltage) along with associated bays at generation and ISTS ends **– Under the scope of M/s Iraax International Pvt. Ltd.**

(ii) Infrastructure required for sharing shall be under the scope of M/s SA Renewable Infra Private Limited

C. **Common Transmission System for Connectivity under GNA:** As per **Annexure-X**

Start Date of Connectivity under GNA: 31.10.2030(Interim). Final date shall be confirmed upon award of the system.

It was informed that with this grant of 20 MW to M/s SA Renewable Infra, total connectivity granted at Bikaner-V PS shall be 6000 MW. As Bikaner-V PS is being planned for evacuation of 6000 MW through HVDC, Bikaner-V PS shall be closed for further grant including enhancements.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
13.	2200002104 (30.05.2025)	Reliance Nu Energies Private Limited	Jalore distt. Rajasthan	Generating station(s), including REGS(s), with ESS	350(Solar) 175(BESS)	LOA or PPA	350	31.12.2027	Sanchore	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

It was informed that M/s Reliance Nu Energies Private Limited has applied for connectivity of 350 MW at Sanchore PS. Accordingly, it was proposed to grant connectivity at Sanchore PS at 220 kV level through S/c line.

Applicant was asked to confirm the 220 kV bay scope at Sanchore PS end & DTL tower configuration. M/s Reliance Nu Energies informed that the 220 kV bay at Sanchore PS shall be under ISTS & DTL configuration shall be S/c line on D/c tower. The same was noted and M/s Reliance Nu Energies was asked to submit necessary undertaking for S/c on D/c configuration. M/s Reliance Nu Energies agreed for the same.

It was mentioned that the transmission system for evacuation of power from Sirohi, Jalore & Sanchore complexes through Sirohi(HVDC) is presently under evolution.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was highlighted that with the grant of above connectivity of 350 MW, 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 & no drawl of power from the ISTS grid shall be allowed under the connectivity granted.

It was also informed that M/s Reliance Nu Energies Private Limited has requested Start Date of Connectivity under GNA from 31.12.2027. However, considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.06.2031(interim). M/s Reliance Nu Energies noted the same.

Accordingly, it was agreed to grant connectivity of 350 MW to M/s Reliance Nu Energies Private Limited at 220 kV level of Sanchore PS. Details of Transmission system for connectivity of M/s Reliance Nu Energies Private Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. **Associated Transmission System (ATS):** **NIL**

B. **Dedicated Transmission System for Connectivity under GNA:**
   (i). Reliance Nu Energies Private Limited RE Power Project – Sanchore PS 220 kV S/c line on D/c tower (suitable to carry minimum 350 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**
   (ii). 1 no. of 220 kV bay at Sanchore PS end **– Under the scope of ISTS**

C. **Common Transmission system for Connectivity under GNA:** As per **Annexure-VI**

Start Date of Connectivity under GNA: 30.06.2031(Interim). Final date shall be confirmed upon award of the system

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement
14.	2200002111 (31.05.2025)	Adani Renewable Energy Holding Twelve Limited	Jalore distt Rajasthan	Generating station(s), including REGS(s), without ESS	520(Solar)	LOA or PPA	520	30.06.2027	Sanchore Complex ISTS	• Conn BG1: Rs. 50 Lakh • Conn BG2: Rs. 3 Cr. • Conn BG3: Rs. 2 lakh/MW

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	Installed Capacity	Criterion for applying	Connectivity Quantum (MW)	Start Date of Connectivity (As per Application)	Connectivity Location (As per Application)	Conn BGs requirement

It was informed that M/s Adani Renewable Energy Holding Twelve Limited has applied for connectivity of 520 MW at Sanchore PS. Accordingly, it was proposed to grant connectivity at Sanchore PS at 400 kV level through S/c line. M/s Adani Renewable agreed for the same.

Applicant was asked to confirm the 400 kV bay scope at Sanchore PS end & DTL tower configuration. M/s Adani Renewable Energy informed that the 400 kV bay at Sanchore PS shall be under ISTS & DTL configuration shall be S/c line on D/c tower. The same was noted and M/s Adani Renewable was asked to submit necessary undertaking for S/c on D/c configuration. M/s Adani Renewable agreed for the same.

It was mentioned that the transmission system for evacuation of power from Sirohi, Jalore & Sanchore complexes through Sirohi(HVDC) is presently under evolution. Upon evolution, the scheme shall be discussed in a separate joint study meeting among CEA, CTUIL, Grid India & Stakeholders followed by the subsequent CMETS meeting. The detailed transmission system shall be informed upon finalization and approval of the scheme.

It was also informed that M/s Adani Renewable Energy Holding Twelve Limited has requested Start Date of Connectivity under GNA from 30.06.2027. However, considering the same and expected commissioning date of transmission system (i.e. 30.06.2031), the start date of Connectivity under GNA shall be 30.06.2031(interim). M/s Adani Renewable Energy Holding Twelve Limited noted the same.

Accordingly, it was agreed to grant connectivity of 520 MW to M/s Adani Renewable Energy Holding Twelve Limited at 400 kV level of Sanchore PS. Details of Transmission system for connectivity of M/s Adani Renewable Energy Holding Twelve Limited under GNA is as below:

Details of Transmission system for Connectivity under GNA:

A. **Associated Transmission System (ATS): NIL**

B. **Dedicated Transmission System for Connectivity under GNA:**
   (i). Adani Renewable Energy Holding Twelve Limited RE Power Project – Sanchore PS 400 kV S/c line on D/c tower (suitable to carry minimum 900 MW at nominal voltage) along with associated bay at generation end **– Under Applicant Scope**
   (ii). 1 no. of 400 kV bay at Sanchore PS end **– Under the scope of ISTS**

C. **Common Transmission system for Connectivity under GNA:** As per **Annexure-VI**

Start Date of Connectivity under GNA: 30.06.2031(Interim). Final date shall be confirmed upon award of the system

C6. Application for Addition of Generation Capacity within the Quantum of Connectivity Granted under Regulation 5.2 received in Apr'25

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional capacity will be added	Connectivity Granted at
1.	2200001968 (22.04.2025)	Serentica Renewables India Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	0412100014(180 MW)	141 (Solar) 140(BESS)	31.12.2026	220 kV Bikaner-II PS
2.	2200001970 (24.04.2025)	Juniper Green Cosmic Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	0412100008(100 MW)	25.39(BESS)	31.12.2025	220 kV Bikaner-II PS
3.	2200001984 (28.04.2025)	Solarcraft Power India 4 Private Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000300(50 MW)	50(BESS)	01.09.2028	220 kV Bhadla-III PS
4.	2200001986 (28.04.2025)	Solarcraft Power India 4 Private Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000192(110 MW)	110(BESS)	01.09.2028	220 kV Bhadla-III PS
5.	2200001989 (28.04.2025)	Solarcraft Power India 17 Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000210(300 MW)	300(BESS)	31.03.2027	220 kV Bikaner-IV PS
6.	2200001991 (29.04.2025)	Solarcraft Power India 4 Private Limited	Jodhpur distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000152(150 MW)	150(BESS)	31.03.2027	220 kV Bhadla-II PS
7.	2200001992 (29.04.2025)	Solarcraft Power India 8 Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000866(300 MW)	300(BESS)	30.09.2030	220 kV Bikaner-V PS
8.	2200001995 (30.04.2025)	BN Dispatchable-1 Private Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000103(300 MW)	4(Solar) 25(BESS)	31.03.2027	220 kV Fatehgarh-IV PS (Sec-II)

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
1.	2200001968 (22.04.2025)	Serentica Renewables India Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	0412100014(180 MW)	141 (Solar) 140 (BESS)	31.12.2026	220 kV Bikaner-II PS

It was informed that M/s Serentica Renewables India Private Limited (SRIPL) has applied for addition of generation capacity(141 MW Solar & 140 MW BESS) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Bikaner-II PS. In the Application, M/s Serentica had earlier mentioned three no. of applications (1200003628(100 MW), 1200003838(120 MW), 0412100014(180 MW)). Subsequently, M/s Serentica vide letter dated 23.05.2025 clarified that the capacity addition under the above application under 5.2 shall be linked with connectivity App. No. 0412100014(180 MW). Considering that, it is proposed to grant capacity addition(141(Solar) & 140 (BESS)) under 5.2 of GNA Regulations.

It was mentioned that that as per GNA Regulations, 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 SRIPL (Appl. No. 0412100014 for 180 MW). Further, M/s SRIPL (Appl. No. 0412100014) 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

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at

2.1. Further, M/s SRIPL 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. M/s SRIPL noted and agreed for the same.

Further, it was mentioned that with the above grant of installation of BESS under 5.2, 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 capacity being added with REGS shall be eligible to draw power only from the co located REGS & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s SRIPL noted and agreed for the same.

It was informed that M/s SRIPL has requested Start Date of additional generation capacity from 31.12.2026. Considering the same, it was agreed to grant the above capacity addition under regulation 5.2 of GNA Regulations with start date of 31.12.2026. Further, the start date shall be subject to availability of Transmission system for connectivity granted to App. No. 0412100014(180 MW).

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
2.	2200001970 (23.04.2025)	Juniper Green Cosmic Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	0412100008(100 MW)	25.39(BESS)	31.12.2025	220 kV Bikaner-II PS

M/s Juniper Green Cosmic Private Limited (JGCPL) has applied for addition of generation capacity (25.39 MW BESS) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Bikaner-II PS under App. No. 0412100008(100 MW). Accordingly, it is proposed to grant addition of generation capacity (25.39 MW BESS) under regulation 5.2 of GNA Regulations.

Subsequently, M/s Juniper vide mail dated 17.06.2025 clarified that the BESS capacity mentioned in the application may be considered as 25 MW instead of 25.39 MW. However, there is no provision under the regulations to modify the capacity details mentioned in applications. Accordingly, CTUIL informed that in case M/s JGCPL intends to change the capacity in the application, the applicant may with draw the above application & file a fresh application.

M/s Juniper informed that the fractional MW value (25.39 MW) presents significant operational difficulties during the trial run and peak power demonstration phases. Therefore, M/s Juniper Green requested to consider the minor revision of capacity from 25.39 MW to 25 MW. Considering the request, CTUIL asked M/s Juniper Green to provide technical justification for the same.

Regarding this, M/s Juniper Green vide mail dated 28.07.2025 provided the justification as below:

"To optimally utilize the connectivity, we had earlier submitted application dated 23rd April 2025. However, based on subsequent system studies and operational assessments conducted at our end, we have identified technical challenges in achieving the previously proposed peak power injection of 25.39 MW for the Battery Energy Storage System (BESS). The fractional MW value (25.39 MW) presents significant operational difficulties during the trial run and peak power demonstration phases."

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
Considering the technical justification provided by M/s Juniper Green, it was agreed to revise the capacity to BESS from 25.39 MW to 25 MW removing the fractional part. However, it may be noted that such requests for change in details provided in the applications will not be accepted in future and applicant must ensure the details mentioned in the application to be correct and details mentioned in the application will be considered for processing and grant. M/s Juniper Green noted the same. It was informed that as per GNA Regulations, 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 JGCPL (Appl. No. 0412100008 for 100 MW). Further, M/s JGCPL (Appl. No. 0412100008) 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 JGCPL 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. Further, it was mentioned that with the above grant of installation of BESS under 5.2, 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 capacity being added with REGS shall be eligible to draw power only from the co located REGS & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s JGCPL noted and agreed for the same. M/s JGCPL has requested Start Date of additional generation capacity from 31.12.2025. Considering the same, it is proposed to grant the above capacity addition under regulation 5.2 of GNA Regulations with start date of 31.12.2025 & the same shall be subject to availability of Transmission system for connectivity granted to App. No. 0412100008(100 MW).							

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
3.	2200001984 (28.04.2025)	Solarcraft Power India 4 Private Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000300(50 MW)	50(BESS)	01.09.2028	220 kV Bhadla-III PS
M/s Solarcraft Power India 4 Private Limited (SPI4PL) has applied for addition of generation capacity (50 MW BESS) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Bhadla-III PS under App. No. 2200000300(50 MW). Accordingly, it is proposed to grant addition of generation capacity (50 MW BESS) under regulation 5.2 of GNA Regulations. It was mentioned that as per GNA Regulations, 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 SPI4PL (Appl. No. 2200000300 for 50 MW). Further, M/s SPI4PL (Appl. No. 2200000300) 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 SPI4PL 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.							

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
Further, it was mentioned that with the above grant of installation of BESS under 5.2, 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 capacity being added with REGS shall be eligible to draw power only from the co located REGS & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s SPI4PL noted and agreed for the same. It was also informed that M/s SPI4PL has requested Start Date of additional generation capacity from 01.09.2028. However, considering the same & expected start date of connectivity of App. No. 2200000300(20.07.2029(interim)), it is proposed to grant the above capacity addition under regulation 5.2 of GNA Regulations with start date of 20.07.2029(interim) & the same shall be subject to availability of Transmission system for connectivity granted to App. No. 2200000300 (50 MW).								

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
4.	2200001986 (28.04.2025)	Solarcraft Power India 4 Private Limited	Jaisalmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000192(110 MW)	110(BESS)	01.09.2028	220 kV Bhadla-III PS
M/s Solarcraft Power India 4 Private Limited (SPI4PL) has applied for addition of generation capacity (110 MW BESS) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Bhadla-III PS under App. No. 2200000192(110 MW). Accordingly, it is proposed to grant addition of generation capacity (110 MW BESS) under regulation 5.2 of GNA Regulations. It was mentioned that as per GNA Regulations, 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 SPI4PL (Appl. No. 2200000192 for 110 MW). Further, M/s SPI4PL (Appl. No. 2200000192) 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 SPI4PL 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. M/s SPI4PL agreed and noted the same. Further, it was mentioned that with the above grant of installation of BESS under 5.2, 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 capacity being added with REGS shall be eligible to draw power only from the co located REGS & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s SPI4PL noted and agreed for the same. It was also informed that M/s SPI4PL has requested Start Date of additional generation capacity from 01.09.2028. However, considering the same & expected start date of connectivity of App. No. 2200000192(20.07.2029(interim)), it is proposed to grant the above capacity addition under regulation 5.2 of GNA Regulations with start date of 20.07.2029(interim) & the same shall be subject to availability of Transmission system for connectivity granted to App. No. 2200000192 (110 MW). M/s SPI4PL agreed and noted the same.								

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
5.	2200001989 (28.04.2025)	Solarcraft Power India 17 Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000210(300 MW)	300(BESS)	31.03.2027	220 kV Bikaner-IV PS

M/s Solarcraft Power India 17 Private Limited (SPI17PL) has applied for addition of generation capacity (300 MW BESS) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Bikaner-IV PS under App. No. 2200000210(300 MW). Accordingly, it is proposed to grant addition of generation capacity 300 MW BESS) under regulation 5.2 of GNA Regulations.

It was mentioned that as per GNA Regulations, 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 SPI17PL (Appl. No. 2200000210 for 300 MW). Further, M/s SPI17PL (Appl. No. 2200000300) 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 SPI17PL 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. M/s SPI17PL agreed and noted the same.

Further, it was mentioned that with the above grant of installation of BESS under 5.2, 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 capacity being added with REGS shall be eligible to draw power only from the co located REGS & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s SPI17PL noted and agreed for the same.

It was also informed that M/s SPI17PL has requested Start Date of additional generation capacity from 31.03.2027. Considering the same it is proposed to grant the above capacity addition under regulation 5.2 of GNA Regulations with start date of 31.03.2027 as requested & the same shall be subject to availability of Transmission system for connectivity granted to App. No. 2200000210(300 MW). M/s SPI17PL agreed and noted the same.

However, subsequently M/s Solarcraft vide mail dated 21.08.2025 informed their decision to withdraw the above application. Accordingly, it was decided to close the above application.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
6.	2200001991 (29.04.2025)	Solarcraft Power India 4 Private Limited	Jodhpur distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000152(150 MW)	150(BESS)	31.03.2027	220 kV Bhadla-II PS

M/s Solarcraft Power India 4 Private Limited (SPI4PL) has applied for addition of generation capacity (150 MW BESS) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Bhadla-II PS under App. No. 2200000152(150 MW). Accordingly, it was proposed to grant addition of generation capacity (150 MW BESS) under regulation 5.2 of GNA Regulations.

It was mentioned that as per GNA Regulations, 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 SPI4PL (Appl. No. 2200000152 for 150 MW). Further, M/s SPI4PL (Appl. No. 2200000152) 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

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
2.1. Further, M/s SPI4PL 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. M/s SPI4PL agreed and noted the same. It was also informed that M/s SPI4PL has requested Start Date of additional generation capacity from 31.03.2027. Considering the same it is proposed to grant the above capacity addition under regulation 5.2 of GNA Regulations with start date of 31.03.2027 as requested & the same shall be subject to availability of Transmission system for connectivity granted to App. No. 2200000152(150 MW). M/s SPI4PL agreed and noted the same. Further, it was mentioned that with the above grant of installation of BESS under 5.2, 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 capacity being added with REGS shall be eligible to draw power only from the co located REGS & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s SPI4PL noted and agreed for the same However, subsequently M/s Solarcraft vide mail dated 21.08.2025 informed their decision to withdraw the above application. Accordingly, it was decided to close the above application.								

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
7.	2200001992 (29.04.2025)	Solarcraft Power India 8 Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000866(300 MW)	300(BESS)	30.09.2030	220 kV Bikaner-V PS
It was informed that M/s Solarcraft Power India 8 Private Limited (SPI8PL) has applied for addition of generation capacity (300 MW BESS) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Bikaner-V PS under App. No. 2200000866(300 MW). Accordingly, it was proposed to grant addition of generation capacity (300 MW BESS) under regulation 5.2 of GNA Regulations. It was mentioned that as per GNA Regulations, 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 SPI8PL (Appl. No. 2200000866 for 300 MW). Further, M/s SPI8PL (Appl. No. 2200000866) 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 SPI8PL 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. M/s SPI8PL agreed and noted the same. Further, it was mentioned that with the above grant of installation of BESS under 5.2, 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 capacity being added with REGS shall be eligible to draw power only from the co located REGS & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s SPI8PL noted and agreed for the same It was also informed that M/s SPI8PL has requested Start Date of additional generation capacity from 30.09.2030(interim). Considering the same & expected start date of original connectivity application(31.03.2030(interim), it is proposed to grant the above capacity addition under regulation 5.2 of GNA Regulations with start								

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
date of 30.09.2030(interim) as requested & the same shall be subject to availability of Transmission system for connectivity granted to App. No. 2200000866(300 MW). M/s SPI8PL agreed and noted the same.								

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
8.	2200001995 (30.04.2025)	BN Dispatchable-1 Private Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000103(300 MW)	4(Solar) 25(BESS)	31.03.2027	220 kV Fatehgarh-IV PS (Sec-II)

It was informed that M/s BN Dispatchable-1 Private Limited (BND1PL) has applied for addition of generation capacity (4 MW Solar & 25 MW BESS) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Fatehgarh-IV PS(Sec-II) under App. No. 2200000103 (300 MW). Accordingly, it was proposed to grant addition of generation capacity (4 MW Solar, 25 MW BESS) under regulation 5.2 of GNA Regulations.

It was mentioned that as per GNA Regulations, 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 BND1PL (Appl. No. 2200000103 for 300 MW). Further, M/s BND1PL (Appl. No. 2200000103) 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 BND1PL 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. M/s BND1PL agreed and noted the same.

Further, it was mentioned that with the above grant of installation of BESS under 5.2, 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 capacity being added with REGS shall be eligible to draw power only from the co located REGS & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s BND1PL noted and agreed for the same

It was also informed that M/s BND1PL has requested Start Date of additional generation capacity from 31.03.2027. Considering the same, it is proposed to grant the above capacity addition under regulation 5.2 of GNA Regulations with start date of 31.03.2027 & the same shall be subject to availability of Transmission system for connectivity granted to App. No. 2200000103 (300 MW). M/s BND1PL agreed and noted the same.

C7. Applications for Addition of Generation Capacity within the Quantum of Connectivity Granted under Regulation 5.2 in May'25

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Connectivity Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
1	2200002047 (21.05.2025)	AM Green Energy Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000319(300 MW)	125(BESS) 100(Solar)	11.11.2026	Bikaner-IV PS

2	2200002079 (23.05.2025)	Juniper Green Cosmic Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000073(150 MW)	150(BESS)	31.03.2027	Bikaner-III PS
3	2200002083 (23-05-2025)	Juniper Green Energy Private Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000305(300 MW)	200(Solar) 160(BESS)	30.06.2027 31.12.2028	Barmer- I PS
4	2200002087 (23.05.2025)	Juniper Green Stellar Private Limited	Barmer distt. Rajasthan	Renewable Power Park developer	2200000063(300 MW)	170(Wind) 160(BESS)	31.12.2027	Fatehgarh-IV Section-II

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
1.	2200002047 (21.05.2025)	AM Green Energy Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000319(300 MW)	125(BESS) 100(Solar)	11.11.2026	Bikaner-IV PS

It was informed that M/s AM Green Energy Private Limited (AMGEPL) has applied for addition of generation capacity (125 MW BESS & 100 MW Solar) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Bikaner-IV PS under App. No. 2200000319 (300 MW). Accordingly, it was proposed to grant addition of generation capacity (125 MW BESS & 100 MW Solar) under regulation 5.2 of GNA Regulations.

However, AM Green in the meeting & subsequently vide mail dated 29.07.2025 informed their decision to withdraw the above application. Accordingly, it was decided to close the above application.

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
2.	2200002079 (23.05.2025)	Juniper Green Cosmic Private Limited	Bikaner distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000073(150 MW)	150(BESS)	31.03.2027	Bikaner-III PS

It was informed that M/s Juniper Green Cosmic Private Limited(JGCPL) has applied for addition of generation capacity (150 MW BESS) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Bikaner-III PS under App. No. 2200000073 (150 MW). Accordingly, it was proposed to grant addition of generation capacity (150 MW BESS) under regulation 5.2 of GNA Regulations.

It was informed that as per GNA Regulations, 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 JGCPL (Appl. No. 2200000073 for 150 MW). Further, M/s JGCPL (Appl. No. 2200000073) 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 JGCPL 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. M/s JGCPL agreed and noted the same.

Further, it was mentioned that with the above grant of installation of BESS under 5.2, 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 capacity being added with REGS shall be eligible to draw power only from the co located REGS & no drawl of power from the ISTS grid shall be allowed under the connectivity granted. M/s JGCPL noted and agreed for the same

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
It was also informed that M/s JGCPL has requested Start Date of additional generation capacity from 31.03.2027. Considering the same, it was agreed to grant the above capacity addition under regulation 5.2 of GNA Regulations with start date of 31.03.2027 as requested. Further, it was also informed that the start date shall be subject to availability of Transmission system for connectivity granted to App. No. 2200000073 (150 MW). M/s JGCPL agreed and noted the same.								

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
3.	2200002083 (23-05-2025)	Juniper Green Energy Private Limited	Barmer distt. Rajasthan	Generating station(s), including REGS(s), without ESS	2200000305(300 MW)	200(Solar) 160(BESS)	30.06.2027 31.12.2028	Barmer- I PS
It was informed that M/s Juniper Green Energy Private Limited (JGEPL) has applied for addition of generation capacity (200 MW Solar & 160 MW BESS) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Barmer-I PS under App. No. 2200000305 (300 MW). Accordingly, it was proposed to grant addition of generation capacity (200 MW Solar & 160 MW BESS) under regulation 5.2 of GNA Regulations. M/s JGEPL in the meeting requested to change the quantum of additional BESS capacity to 150 MW. Regarding this, CTUIL informed that there is no provision to modify the details in the application after submission. Further, the change in capacity from 160 MW to 150 MW is significant compared to the fractional change (25.39 MW revised to 25 MW) agreed under previous application of M/s Juniper Green(App. No. 2200001970) due to technical reasons. Therefore, in case M/s Juniper wishes to change the details of additional capacity mentioned in the application, they may withdraw the above application & file a new application which shall be taken up as per application priority. After deliberations, M/s JGEPL informed that they shall withdraw the present application & file a new application with the revised BESS capacity. Subsequently, M/s Juniper vide mail dated 20.08.2025 confirmed their decision to withdraw the above application. Accordingly, it was decided to close the above application.								

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
4.	2200002087 (23.05.2025)	Juniper Green Stellar Private Limited	Barmer distt. Rajasthan	Renewable Power Park developer	2200000063(300 MW)	170(Wind) 160(BESS)	31.12.2027	Fatehgarh-IV Section-II
It was informed that M/s Juniper Green Steller Private Limited(JGSPL) has applied for addition of generation capacity (170 MW Wind & 160 MW BESS) under regulation 5.2 of GNA Regulations, 2022 within the same connectivity quantum earlier granted at Fatehgarh-IV PS(Sec-II) under App. No. 2200000063 (300 MW). Accordingly, it was proposed to grant addition of generation capacity (170 MW Wind & 160 MW BESS) under regulation 5.2 of GNA Regulations.								

Sl. No.	Application No. & Date	Applicant	Project Location	Nature of Applicant	App. No. & Conn. Quantum (MW) of already granted Connectivity	Planned additional capacity (MW)	Date from which additional generation capacity will be added	Connectivity Granted at
M/s JGSPL informed that similar to their previous application (App. No. 2200002083), to carry out modification in BESS capacity they shall be withdrawing the above application & file a new application with the revised BESS capacity. Subsequently, M/s Juniper vide mail dated 20.08.2025 confirmed their decision to withdraw the above application. Accordingly, it was decided to close the above application.								

A4. Application for grant of GNA_{RE} received in the month of May'25

Sl No.	Application No. & Date	Applicant	Nature of applicant	GNA_{RE} within Region (MW)	GNA_{RE} outside Region (MW)	Total GNA_{RE} Required (MW)	Start date of GNA_{RE}	End date of GNA_{RE}
1	2200002025 (17.05.2025)	Hindustan Zinc Limited	Bulk consumer seeking to connect to ISTS directly	5	175	180	01.02.2027	31.01.2052

It was informed that M/s Hindustan Zinc Limited (HZL) applied for GNA_{RE} of 180 MW(5 MW within Region & 175 MW Outside region) for their Rampur Agucha Mining Facility in Bhilwara district, Rajasthan. M/s HZL in the application has mentioned that they are presently connected to RVPN at 220 kV Gulabpura S/s.

Considering the location of the project, it was observed that nearest 220kV ISTS S/s is Kankroli at a distance of 135 km, which is very distant. Further, as informed earlier during discussion of HZL application at Debari, there is space constraint at Kankroli(PG) S/s for augmentation of ICT capacity. Accordingly, after evaluating various options, it was proposed that GNA_{RE} of 180 MW (5 MW within the region & 175 MW outside the region) can be granted through LILO of 400 kV Shree Cement – Kota line at HZL switchyard. RVPN, CEA and NRLDC was asked to provide their views on proposal.

NRLDC informed that currently there is issues in loading of Anta-Kota line & Anta-Chabbra line due to which the Anta-Kota line is frequently opened during operation. Further, during solar hours 400 kV Bikaner(RVPN) – Merta line is also heavily loaded. Therefore, the detailed studies need to be carried out before granting this application through LILO of Shree Cement.

After deliberations, it was decided that the above application shall be discussed in the next CMETS NR meeting with detailed studies.

D. Network Expansion Scheme

D1. Establishment of 400/220kV Roorkee S/s in District-Haridwar to meet out the domestic and industrial load growth & establishment of 220/132/33kV Raipur (Bhagwanpur) S/s Roorkee to meet out Domestic and Industrial Load growth – Agenda from PTCUL

It was stated that PTCUL vide letter dated 22.03.2025 submitted agenda for 400/220kV Roorkee S/s, District-Haridwar & 220/132/33 kV Raipur (Bhagwanpur) S/s, Roorkee to meet out Domestic and Industrial Load growth. Further CTUIL vide mail 24.04.25 to PTCUL requisite following informations

1. Implementation time frame for 400/220 kV Substation, Roorkee, District-Haridwar & 220/132/33 kV Substation, Raipur (Bhagwanpur), Roorkee
2. Envisage load demand if any at 220kV and 400kV level of proposed 400/220 kV Substation, Roorkee, District-Haridwar
3. Envisage load demand if any at 220kV and 132kV level of proposed *220/132/33 kV Substation, Raipur (Bhagwanpur), Roorkee*
4. In the Network SLD for 400/220 kV Substation, Roorkee, District-Haridwar, 220kV S/s Roorkee- 400kV S/s Roorkee is seems proposed to be connected by 220 kV D/c line ,but in the Agenda it is not mentioned, kindly clarify the same. If 220kV S/s Roorkee- 400kV S/s Roorkee proposed to be connected by 220 kV D/c line then kindly share line length & conductor type for the same.

The proposal comprises following intra state transmission schemes :

(a) Establishment of 400/220kV Roorkee S/s, District-Haridwar to meet out the domestic and industrial load growth

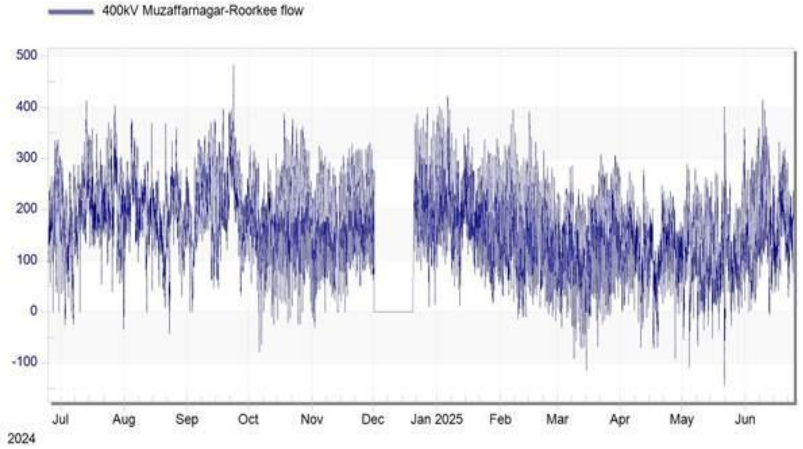
PTCUL informed that earlier, vide letter No.1/9/37th SCM/2015-PSP&PA-1/162-181 dated 11th February 2016, 400/220/33 kV Substation at Landhora in district Haridwar was approved by CEA to meet the exponential growth of Industrial and domestic load in Roorkee area through a meeting of the 37th Standing Committee on the Northern Region's power system scheme held on dated 20th January 2016. Further due to the river flow near the selected land there was heavy erosion and due to undulation of land the cost of project increased beyond the available financial envelope. Technical problem was arising due to passing of gas pipeline (M/S GAIL) through the land of proposed 400/ 220/33 kV Substation at Landhora. Keeping in view of above the possibility for construction of 400kV S/s at another place was explored. The proposal was approved through the 90th BOD on dated 27th May 2024, that 400 kV Substation will be constructed at a suitable location in the Roorkee area. At present there is sufficient land available adjacent to the existing 220kV S/s, Roorkee within same premises, which is load center for Roorkee and nearly area. PTCUL also provided details of transformation capacity, envisaged load demand, implementation timeframe etc. w.r.t above proposal .

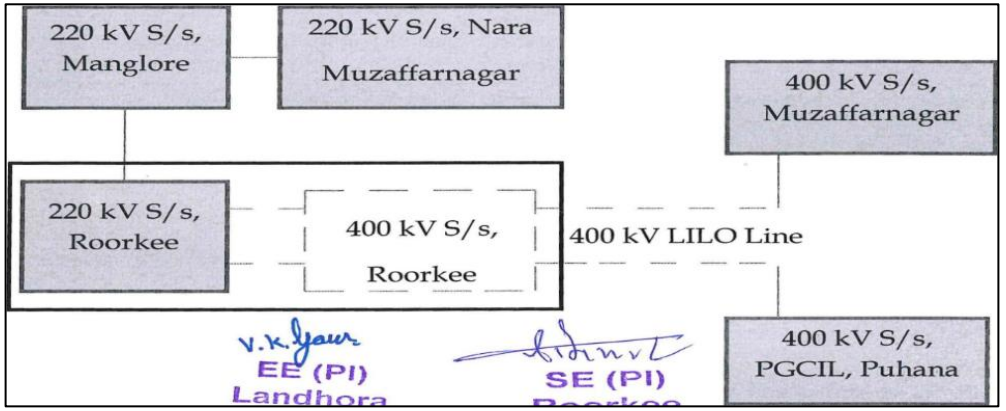
In context of above, the following S/s & associated LILO line is being proposed by PTCUL in premises of 220kV Roorkee S/s in district Haridwar to cater the exponential growth of Industrial and domestic load demand-

(a) 400/220 kV Substation, Roorkee (Capacity 2x500 MVA 400/220 kV)

(b) 400 kV LILO of Puhana (PGCIL) - Muzaffarnagar line on Twin moose conductor and Under Ground cable at proposed 400/220 kV Substation, Roorkee (Approx. length — Over Head section -4.40 Km, length of Under Ground section- 2.4 km)

Implementation time frame: 31.12.2028 (informed by PTCUL vide letter dated 28.04.2025)





CTUIL vide mail dated 28.03.25 to CEA & Grid-India requested to provide comments/observations on PTCUL's 400/220 kV Roorkee S/s proposal at the earliest for taken up in ensuing CMETS-NR meeting. Subsequently Grid-India vide mail dated 24.06.2025 informed that the proposal from PTCUL side was examined in present All India base case on existing transmission network. It is observed that the proposal from PTCUL side is in order. The proposal helps in reducing loading of 400/220kV Roorkee (PG) ICTs also. Grid-India in the meeting reiterated that proposal is in order

Further Grid-India informed that it may also be noted that there is huge MVAr drawl by UPCL/PTCUL from 400/220kV Roorkee(PG) ICTs, as can be seen from above plots. Accordingly, UPCL and PTCUL may plan and expedite commissioning of capacitor banks in distribution & transmission network for improvement in grid voltages. It is requested that CTUIL/CEA examine the proposal from PTCUL side in future planning studies scenarios. Impact on reliability of 400kV line with LILO through cable may also be reviewed.

The proposal of scheme 400/220 kV Substation, Roorkee (Capacity 2x500 WA 400/220 kV) is intra state in nature therefore, CEA is requested to take up this proposal in the Joint meeting/ SCSTPPSP-NR meeting. CTUIL also carried out the studies on PTCUL proposals. As per the CTUIL studies, with the PTCUL's proposed both schemes, loadings are in order and loading on 400/220kV ICTs at Roorkee(PG) S/s reduces by 30MW(on each 315MVA ICTs) & 50MW (on 500MVA ICT).

Considering above following intra state scheme is agreed to be implemented by PTCUL :

- 400 kV LILO of Puhana (PGCIL) - Muzaffarnagar line on Twin moose conductor and Under Ground cable at proposed 400/220 kV Substation, Roorkee (Approx. length — Over Head section -4.40 Km, length of Under Ground section- 2.4 km)

(b) <u>220/132/33 kV Substation, Raipur (Bhagwanpur), Roorkee to meet out Domestic and Industrial Load growth</u>

PTCUL informed that Presently Bhagwanpur, Roorkee, and nearby areas and Industries in this vicinity are getting power supply from existing 132/33 kV Substation, Bhagwanpur and 132/33 kV substation, Chudiyala through 33 kV feeders, Due to increasing load growth above substations are getting overloaded and there is a need of new substation in this area. The present max. transformer loading at 132 kV Bhagwanpur and 132 kV Chudiyala substation is 78% and 85 % respectively. Further PTCUL stated that Discom (UPCL) has been requesting PTCUL to construct a new 220/132/33 kV Sub-Station in Raipur (Bhagwanpur), Roorkee to improve the availability and quality of power supply against increasing load demand of industries and to strengthen the 132kV transmission system of Bhagwanpur and adjoining area vide following letters:

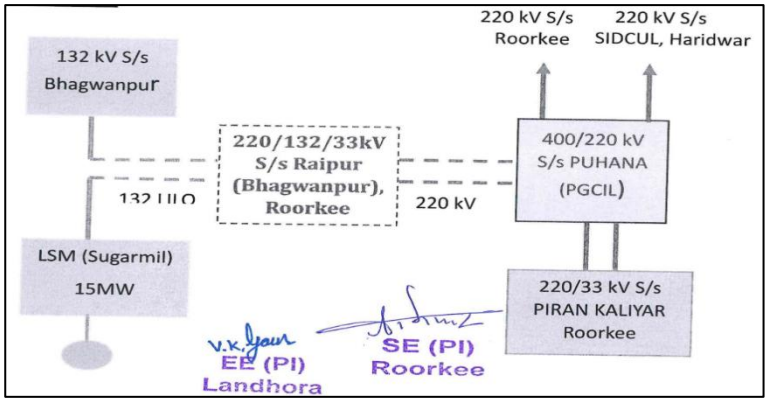
1. Director Operation, UPCL No. 5163/Dir (OP)/UPCL/T-38 dated 28.12.2023
2. Chief Engineer (Commercial) Letter No. 2159/CE (commercial)/UPCL/SE-11/B11/ Misc dated 29.04.2024

Accordingly, the following Transmission system has been Proposed by PTCUL:

(a) 220/132/33kV Sub-Station, Raipur (Bhagwanpur), Roorkee (Capacity 2x 160 MVA 220/132 kV and 2X 40 MVA 132/33 kV)
(b) 220 kV Double Circuit transmission line on ASCR Zebra conductor from 400/220 kV Substation, Puhana, (PGCIL) to proposed 220/132/33 kV Substation, Raipur (Bhagwanpur), Roorkee (Approx Length 13.5 Kms)
(c) 132 kV LILO of Bhagwanpur-Laxmi Sugar (LSM) line on ACSR Panther conductor at proposed 220/132/33 kV Substation, Raipur, Bhagwanpur, Roorkee. (Approx length 8.5 Kms)

By Construction of the 220/132/33kV Sub-Station, Raipur (Bhagwanpur), Roorkee, 2 No 220 kV bays available at 400/220kV Puhana (PGCIL) S/s Roorkee will be utilized.

Implementation time frame: 30.11.2027 (informed by PTCUL vide letter dated 28.04.2025)



In the meeting, PTCUL informed that for 220/132/33kV Sub-Station, Raipur (Bhagwanpur), Roorkee S/s, land is under finalization and they want to extend the Implementation schedule of above scheme from Nov'27 to Mar'28. Further PTCUL also informed that for termination of 220kV Raipur Bhagwanpur S/s at Roorkee (PG) S/s, 2 nos. of 220kv line bays are available and will be utilized in present proposal.

Grid-India vide mail dated 24.06.2025 informed that the proposal i.e. 220/132kV Bhagwanpur, Roorkee substation is completely intrastate in nature and seems in order when simulated in present network file.

Proposal for 220/132/33kV Sub-Station, Raipur (Bhagwanpur), Roorkee along with LILO of 132 kV Bhagwanpur-Laxmi Sugar (LSM) line on ACSR Panther conductor at proposed 220/132/33 kV Substation, Raipur, Bhagwanpur, Roorkee. (Approx length 8.5 Kms) is intra state in nature therefore, CEA is requested to take up the this proposal in the Joint meeting/ SCSTPPSP-NR meeting

Considering above following intra state scheme is agreed to be implemented by PTCUL:

- 220kV Double Circuit transmission line on ASCR Zebra conductor from 400/220 kV Substation, Puhana, (PGCIL) to proposed 220/132/33 kV Substation, Raipur (Bhagwanpur), Roorkee (Approx Length 13.5 Kms)

It was decided that based on deliberation and approval in present meeting, CEA may provide approval of following intra state elements to PTCUL.

(a) 400/220 kV Substation, Roorkee (Capacity 2x500 MVA 400/220 kV)
(b) 220/132/33kV Sub-Station, Raipur (Bhagwanpur), Roorkee (Capacity 2x 160 MVA 220/132 kV and 2X 40 MVA 132/33 kV)
(c) 132 kV LILO of Bhagwanpur-Laxmi Sugar (LSM) line on ACSR Panther conductor at proposed 220/132/33 kV Substation, Raipur, Bhagwanpur, Roorkee. (Approx length 8.5 Kms)

Annexure-I

Transmission system for Connectivity under GNA at Fatehgarh-III PS(Sec-II):

1. Augmentation of 2x1500 MVA (5th & 6th), 765/400kV ICT at Fatehgarh-III pooling station (Section-II)
2. Establishment of 2x1500 MVA 765/400kV Substation at suitable location near Beawar along with 2x330 MVAr,765kV Bus Reactor & 2x125 MVAr,420kV bus Reactor
3. Fatehgarh-III – Beawar 765 kV D/c (2nd) along with 330 MVAr Switchable line reactor for each circuit at each end of Fatehgarh-III – Beawar 765 kV D/c line (2nd)
4. Fatehgarh-III - Bhadla-III 400kV D/c line (Quad) along with 63 MVAr Switchable line reactor for each circuit at both ends of Fatehgarh-III-Bhadla-III 400kV D/c line
5. LILO of both circuit of Ajmer-Chittorgarh 765 kV D/c line at Beawar substation
6. LILO of 400kV Kota –Merta line at Beawar substation
7. Establishment of 2x1500 MVA 765/400kV substation at suitable location near Dausa along with 2x330 MVAr, 765 kV Bus Reactor & 2x125 MVAr,
8. 420 kV bus Reactor
9. LILO of both circuits of Jaipur (Phagi)- Gwalior 765 kV 2xS/c at Dausa along with 240 MVAr Switchable line reactor for each circuit at Dausa end of Dausa – Gwalior 765 kV D/c line
10. LILO of both circuits of Agra – Jaipur(south) 400kV D/c at Dausa along with 50 MVAr Switchable line reactor for each circuit at Dausa end of Dausa – Agra 400kV D/c line
11. Beawar – Dausa 765 kV D/c line along with 240 MVAr Switchable line reactor for each circuit at each end
12. STATCOM:
    Fatehgarh – III S/s: STATCOM: ± 2x300 MVAr, 4x125 MVAr MSC, 2x125 MVAr MSR
13. Sirohi – Mandsaur PS 765KV D/c line along with 240 MVAr switchable line reactor at Sirohi S/s end 330MVAr switchable line reactor at Mandsaur PS end for each circuit of Sirohi – Mandsaur PS 765KV D/c line
14. Mandsaur PS – Khandwa (New) 765kV D/c line along with 240MVAr switchable line reactor for each circuit at each end of Mandsaur PS – Khandwa (New) 765kV D/c line

Annexure-II

Transmission system for Connectivity under GNA at Pali PS (tentative):

1. Establishment of 400 kV pooling station at a suitable location near Pali (Pali PS) along with 2x125 MVAr bus reactor
2. Pali PS – Beawar (HVDC) S/s 400 kV D/c line(Quad)
3. Establishment of 400 kV Beawar (HVDC) S/s at a suitable location near Beawar
4. Beawar(HVDC) PS – Beawar 400 kV D/c line(Quad)
5. Establishment of 6000 MW, Beawar (HVDC) terminal station (4x1500 MW) at a suitable location near Beawar (HVDC) substation
6. Establishment of 6000 MW, HVDC terminal station (4x1500 MW) at suitable location in WR/SR/ER
7. HVDC line between Beawar (HVDC) & HVDC terminal station in WR/SR/ER (with Dedicated Metallic Return)
8. Associated EHVAC system strengthening in WR/SR/ER for onwards dispersal of power

Additional system for connectivity at 220kV level only of Pali PS

1. 4x500 MVA, 400/220kV ICTs at Pali PS

Annexure-III

Transmission system for Connectivity under GNA at Bhadla-V PS(Tentative)

1. Establishment of 765/400kV, 2x1500 MVA pooling station at suitable location near Bhadla (Bhadla-V PS) along with 2x125 MVAr & 2x240 MVAr bus reactor
2. Bhadla-IV PS – Bhadla-V PS 400kV D/c line (Quad)
3. 765kV Bhadla-V PS – Bikaner-VI PS D/c line
4. Establishment of 6000 MW, ± 800 kV Bhadla-V (HVDC) terminal station (4x1500 MW) at suitable location near Bhadla
5. Establishment of 6000 MW, ±800 kV terminal station (4x1500 MW) at suitable location in WR/ER/SR
6. ±800 kV HVDC line between Bhadla-V (HVDC) & Suitable location in WR/ER (with Dedicated Metallic Return)
7. Establishment of 765/400kV, 2x1500 MVA S/s substation station at suitable location in WR/ER/SR along with 2x125 MVAr & 2x240 MVAr bus reactor
8. Associated transmission system in WR/ER for onwards dispersal of power

Additional system for connectivity at 220kV level only of Bhadla-V PS

1. 4x500 MVA, 400/220kV ICTs at Bhadla-V PS

Annexure-IV

Transmission system for Connectivity under GNA at Ramgarh-III PS (Tentative)

1. Establishment of 2x1500 MVA, 765/400 kV Ramgarh-III Pooling Station at a suitable location near Ramgarh along with 2x125 MVAr & 2x240 MVAr bus reactor
2. 765 kV Bhadla-V PS – Ramgarh-III PS D/c line along with 240 MVAr switchable line reactor for each circuit at Ramgarh-III PS end
3. LILO of Ramgarh PS – Ramgarh-II PS 400kV D/c line (Quad) at Ramgarh-III PS
4. LILO of both ckts of 765kV Ramgarh-II PS – Bhadla-IV PS D/c line at Ramgarh-III PS along with 240 MVAr switchable line reactor for each circuit at Ramgarh-III PS end
5. Establishment of 6000 MW, Ramgarh-III(HVDC) terminal station (4x1500 MW) at a suitable location near Ramgarh-III substation
6. Establishment of 6000 MW, HVDC terminal station (4x1500 MW) at suitable location in WR/SR/ER
7. HVDC line between Ramgarh (HVDC) & HVDC terminal station in WR/SR/ER (with Dedicated Metallic Return)
8. Associated EHVAC system strengthening in WR/SR/ER for onwards dispersal of power
9. 2x[+]300/(-)200MVAr Synchronous condenser at 400kV level of Ramgarh-III PS

Additional system for connectivity at 220kV level only of Ramgarh-III PS

1. 400/220kV, 5x500 MVA ICTs at Ramgarh-III PS

Annexure-V

Transmission system for Connectivity under GNA at Barmer-IV PS(Tentative)

1. Establishment of 400kV pooling station at suitable location near Barmer(Barmer-IV PS) along with 2x125 MVAr bus reactor
2. 400kV Barmer-III PS – Barmer-IV PS D/c line (Quad)
3. 400kV Barmer-II PS – Barmer-IV PS D/c line (Quad)
4. 400kV Sanchore PS – Barmer-IV PS D/c line (Quad)
5. Establishment of 6000 MW, ± 800 kV Barmer-IV(HVDC) terminal station (4x1500 MW) at suitable location near Barmer
6. Establishment of 6000 MW, ±800 kV terminal station (4x1500 MW) at suitable location in WR/ER/SR
7. ±800 kV HVDC line between Barmer-IV (HVDC) & Suitable location in WR/ER/SR (with Dedicated Metallic Return)
8. Establishment of 765/400kV, 2x1500 MVA S/s substation station at suitable location in WR/ER/SR along with 2x125 MVAr & 2x240 MVAr bus reactor
9. Associated EHVAC system strengthening in WR/SR/ER for onwards dispersal of power
10. 2x[+]300/(-)200MVAr Synchronous condenser at 400kV level of Barmer-IV PS

Additional system for connectivity at 220kV level only of Barmer-IV PS

1. 400/220kV, 5x500 MVA ICTs at Barmer-IV PS

Annexure-VI

Transmission system for Connectivity under GNA at Sanchore PS:

1. Establishment of 400 kV Sirohi(HVDC) PS at a suitable location near Sirohi
2. Establishment of 400 kV Sanchore PS at a suitable location near Sanchore
3. Sirohi(HVDC) PS – Sirohi PS 400 kV D/c line(Quad)
4. Sirohi(HVDC) PS – Bhinmal(PG) 400 kV D/c line(Quad)
5. Sanchore PS – Sirohi (HVDC) PS 400 kV D/c line(Quad)
6. Establishment of 6000 MW, Sirohi(HVDC) terminal station (4x1500 MW) at a suitable location near Sirohi(HVDC) PS
7. Establishment of 6000 MW, HVDC terminal station (4x1500 MW) at suitable location in WR/SR/ER
8. HVDC line between Sirohi (HVDC) & HVDC terminal station in WR/SR/ER (with Dedicated Metallic Return)
9. Associated EHVAC system strengthening in WR/SR/ER for onwards dispersal of power

Additional system for connectivity at 220kV level only of Sanchore PS

1. 3x500 MVA, 400/220kV ICTs at Sanchore PS

Annexure-VII

Transmission system for Connectivity under GNA at Bhadla-III PS (for Rajasthan BESS)@

1. Establishment of 3x500 MVA, 400/220 kV & 2x1500 MVA, 765/400kV pooling station at Bhadla-III along with 2x330 MVAr (765kV) Bus Reactor & 2x125 MVAr (420kV) Bus Reactor
2. Fatehgarh-III – Bhadla-III 400kV D/c line (Quad) along with 63 MVAr Switchable line reactor for each circuit at both ends of Fatehgarh-III – Bhadla-III 400kV D/c line
3. Bhadla-III – Sikar-II 765 kV D/c line along with 330 MVAr Switchable line reactor for each circuit at each end of Bhadla-III – Sikar-II 765 kV D/c line

@ The above system is identified considering both injection & drawl of power during non-solar hours and considering only drawl of power during solar hours.

Annexure-VIII

Transmission system for Connectivity under GNA at Bhadla-VI PS(Tentative)

1. Establishment of 765/400kV, 2x1500 MVA pooling station at suitable location near Bhadla (Bhadla-VI PS) along with 2x125 MVAr & 2x240 MVAr bus reactor
2. Bhadla-VI PS – Bhadla-V PS 400kV D/c line (Quad)
3. Bhadla-VI PS – Bhadla-IV PS 400kV D/c line (Quad)
4. 765kV Bhadla-VI PS – Ramgarh-III D/c line
5. Establishment of 6000 MW, ± 800 kV Bhadla-VI (HVDC) terminal station (4x1500 MW) at suitable location near Bhadla
6. Establishment of 6000 MW, ±800 kV terminal station (4x1500 MW) at suitable location in WR/ER/SR
7. ±800 kV HVDC line between Bhadla-VI (HVDC) & Suitable location in WR/ER/SR (with Dedicated Metallic Return)
8. Establishment of 765/400kV, 2x1500 MVA S/s substation station at suitable location in WR/ER/SR along with 2x125 MVAr & 2x240 MVAr bus reactor
9. Associated transmission system in WR/ER/SR for onwards dispersal of power

Additional system for connectivity at 220kV level only of Bhadla-VI PS

1. 400/220kV, 5x500 MVA ICTs at Bhadla-VI PS

Annexure-IX

Transmission system for Connectivity under GNA at Barmer-I PS

1. Augmentation of 5x500 MVA (5th to 9th), 400/220 kV ICTs at Barmer-I PS
2. Augmentation with 765/400 kV, 3x1500 MVA Transformer (3rd, 4th & 5th) at Barmer-I PS
3. Fatehgarh-III (Section-2) PS – Barmer-I PS 400 kV D/c line (Quad)
4. Establishment of 2x1500 MVA, 765/400 kV Substation at suitable location near Sirohi along with 2x240 MVAr (765 kV) & 2x125 MVAr (400 kV) Bus Reactor
5. Barmer-I PS– Sirohi PS 765 kV D/c line along with 240 MVAR switchable line reactor for each circuit at each end
6. Sirohi PS-Chittorgarh (PG) 400 kV D/c line along with 80 MVAr switchable line reactor for each circuit at Sirohi PS end (Quad)
7. Establishment of 765 kV Substation at suitable location near Rishabdeo (Distt. Udaipur) along with 2x240 MVAr (765 kV) Bus Reactor
8. Sirohi PS- Rishabdeo 765 kV D/c line along with 330 MVAr switchable line reactor for each circuit at Sirohi end
9. Rishabdeo - Mandsaur PS 765 kV D/c line along with 240 MVAr switchable line reactor for each circuit at Rishabdeo end
10. LILO of one circuit of 765 kV Chittorgarh-Banaskantha D/c line at Rishabdeo S/s
11. Establishment of 765 kV Mandsaur PS along with 2x330 MVAR (765 kV) Bus Reactors
12. Mandsaur PS–Indore (PG) 765 kV D/c Line along with 1x330 MVAR switchable line reactor on each ckt at Mandsaur end of Mandsaur PS – Indore (PG) 765 kV D/c Line
13. Establishment of 765/400 kV 2x1500 MVA Kurawar S/s with 2x330 MVAr 765 kV bus reactor and 1x125 MVAr 420 kV bus reactor
14. Mandsaur – Kurawar 765 kV D/c line along with 240 MVAr switchable line reactors on each ckt at both ends of Mandsaur – Kurawar 765 kV D/c line
15. Kurawar – Astha 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line
16. LILO of Indore – Bhopal 765 kV S/c line at Kurawar
17. LILO of one circuit of Indore – Itarsi 400 kV D/c line at Astha
18. Shujalpur – Kurawar 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line
19. Establishment of 765/400 kV, 2x1500 MVA & 2x500 MVA, 400/220 kV S/s at suitable location near Merta (Merta-II Substation) along with 2x125 MVAr & 2x240 MVAr bus reactor at Merta-II S/s
20. STATCOM (2x+300MVAr) along with MSC (4x125 MVAr) & MSR (2x125 MVAr) along with 2 nos. 400kV bays at Barmer-I PS
21. 400kV Sectionalizer bay (1 set) at Barmer-I S/s
22. Barmer-I PS – Merta-II 765 kV D/c line along with 330 MVAr switchable line reactor for each circuit at each end of Barmer-I PS – Merta-II 765 kV D/c line
23. Merta-II – Beawar 400 kV D/c line (Quad)
24. Merta-II – Dausa 765 kV D/c line along with 240 MVAr switchable line reactor for each circuit at each end of Merta-II – Dausa 765 kV D/c line

25. Establishment of 765/400kV, 2x1500 MVA S/s at suitable location near Ghiror (Distt. Mainpuri) along with 2x125 MVAr & 2x240 MVAr bus reactor at Ghiror S/s (UP)
26. Dausa - Ghiror 765 kV D/c line along with 330MVAr switchable line reactor at Ghiror end and 240 MVAr switchable line reactor at Dausa end for each circuit of Dausa - Ghiror 765 kV D/c line
27. LILO of both ckt of 765 kV Aligarh (PG) -Orai (PG) D/c line at Ghiror S/s along with 240 MVAr switchable line reactor for each circuit at Ghiror S/s end of 765 kV Ghiror -Orai D/c line
28. LILO of one ckt of 765kV Agra (PG) – Fatehpur (PG) 765kV 2xS/c line at Ghiror along with 240 MVAr switchable line reactor at Ghiror S/s end of 765 kV Ghiror -Fatehpur line
29. 400kV Ghiror-Firozabad (UPPTCL) D/c line (Quad)
30. Sirohi – Mandsaur PS 765KV D/c line along with 240 MVAr switchable line reactor at Sirohi S/s end 330MVAr switchable line reactor at Mandsaur PS end for each circuit of Sirohi – Mandsaur PS 765KV D/c line
31. Mandsaur PS – Khandwa (New) 765kV D/c line along with 240MVAr switchable line reactor for each circuit at each end of Mandsaur PS – Khandwa (New) 765kV D/c line

Annexure-X

Transmission system for Connectivity under GNA at Bikaner-V PS(Tentative)

1. Establishment of 765/400kV, 4x1500 MVA pooling station at suitable location near Bikaner (Bikaner-V PS) along with 2x125 MVAr & 2x240 MVAr bus reactor
2. LILO of both ckts of 400kV Bikaner-II PS- Khetri D/c line at Bikaner-V PS
3. 765kV Bhadla-IV PS – Bikaner-V PS D/c line
4. Establishment of 6000 MW, ± 800 kV Bikaner-V (HVDC) terminal station (4x1500 MW) at suitable location near Bikaner
5. Establishment of 6000 MW, ±800 kV Begunia (HVDC) terminal station (4x1500 MW) at Begunia (Distt. Khordha), Orissa (ER)
6. ±800 kV HVDC line between Bikaner-V (HVDC) & Begunia (HVDC) (with Dedicated Metallic Return)
7. Establishment of 765/400kV, 5x1500 MVA S/s substation station at Begunia along with 2x125 MVAr & 2x240 MVAr bus reactor
8. Begunia – Paradeep (ISTS) 765kV D/c line along with associated bays at both ends
9. Begunia – Gopalpur (ISTS) 765kV D/c line along with associated bays at both ends along with 240MVAr switchable line reactor for each circuit at Begunia end of Begunia –Gopalpur (ISTS) 765kV D/c line
10. Begunia – Khuntuni (OPTCL) 765kV D/c line

Additional system for connectivity at 220kV level only of Bikaner-V PS

1. 8x500 MVA, 400/220kV ICTs at Bikaner-V PS

Annexure-XI

Transmission system for Connectivity under GNA at Merta-III S/s (tentative):

1. Establishment of 400/220 kV, 5x500 MVA S/s at suitable location near Merta (Merta-III Substation) along with 2x125 MVAr bus reactor
2. Merta-III PS – Merta-II PS 400 kV D/c line(Quad)
3. Establishment of 400 kV Beawar (HVDC) S/s at a suitable location near Beawar
4. Merta-III PS – Beawar(HVDC) PS 400 kV D/c line (Quad)
5. Beawar(HVDC) PS – Beawar 400 kV D/c line(Quad)
6. Establishment of 6000 MW, Beawar (HVDC) terminal station (4x1500 MW) at a suitable location near Beawar (HVDC) substation
7. Establishment of 6000 MW, HVDC terminal station (4x1500 MW) at suitable location in WR/SR/ERHVDC line between Beawar (HVDC) & HVDC terminal station in WR/SR/ER (with Dedicated Metallic Return)
8. Associated EHVAC system strengthening in WR/SR/ER for onwards dispersal of power