

# STATUS OF DATA AVAILABILITY OF SOLAR GENERATORS

S. No.	NAME OF GSS	S.No	NAME OF PSS/RE-GENERATOR	NAME OF RE-BAYS/SPD	INSTALLED CAPACITY (IN MW)	DATA AVAILABILITY AS ON 15.09.25
17	220 KV GSS RAMGARH	83	OIL INDIA LTD. (33 KV )		14	NOT REPORTING
		84	GAIL(33 KV)		5	NOT REPORTING
18	220 KV GSS CHHATARGARH	86	NTPC RENEWABLE		150	NOT REPORTING
19	132 KV GSS OSIAN	87	Astonfield Solar (33 KV )		5	NOT REPORTING
		88	Comet Power pvt.Ltd. (33 KV )		5	NOT REPORTING
20	132 KV GSS SANWREEJ	89	SEI Sauryalabh (33 KV )		20	NOT REPORTING
		93	Rays Power-I (33 KV )		12.35	NOT REPORTING
		94	NVR (33 KV )		10	NOT REPORTING
		95	Sai Maithali (33 KV )		10	NOT REPORTING
		96	Sanjeev Prakashan (33 KV )		2	NOT INTEGRATED
21	132 KV GSS KOLAYAT	97	Chandram (33 KV )		4.75	NOT INTEGRATED
		98	PAU-RAYS-II (33 KV )		18.3	NOT REPORTING
		100	Godawari (33 KV )/Godawari Realty Pvt. Ltd.		7	NOT REPORTING
		101	Wellspun/WALWHAN SOLAR R.J LTD. (33 KV )		5	NOT REPORTING
		102	Saraf Exports		6	NOT INTEGRATED
		103	Rays power Vaibhav		3.97	NOT INTEGRATED
22	132 KV GSS NOKHA DHAIYA	104	Future Grow Spectrum Radiation Pvt.ltd. (33 KV )		5	NOT REPORTING
		105	U P Ceramic (33 KV )		2	NOT REPORTING
		106	Trimex (33 KV )		9	NOT REPORTING
24	132 KV GSS POKARAN	108	132 KV Askandra		35	NOT REPORTING
		110	MSL (33 KV )		5	NOT REPORTING
		111	Palimarwar (33 KV )		10	NOT REPORTING
25	132 KV GSS RANI	112	RAJASHTAN GUM PVT. LTD. (33 KV )		34	NOT REPORTING
26	132 KV GSS JAYAL	113	Azure Solar (132 KV)		40	NOT REPORTING
27	132 KV GSS GANGAPUR (BHILWARA)	114	Godawat Textile (33 KV )		1	NOT REPORTING
29	132 KV GSS PS-2	116	GODAWARI GREEN (132 KV)		50	NOT REPORTING
		117	PRECISION (33 KV )		5	NOT REPORTING

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30	132 KV GSS PS-3	118	WALWHAN SOLAR AP LTD. (132 KV)		50	NOT REPORTING
		119	CEPCO (33 KV )		5	NOT INTEGRATED
		120	J.K LAXMI (33 KV )		6	NOT REPORTING
		121	AMNY & VINAY (33 KV )		2	NOT INTEGRATED
		122	JACKSON-I (33 KV ) Universal Saurya-I		10	NOT REPORTING
		123	JACKSON-II (33 KV ) Universal Saurya-II		10	NOT REPORTING
		125	LEXICON (33 KV )		10	NOT REPORTING
		126	DJ MALPANI( 33 KV )		16.9	NOT REPORTING
32	132 KV KHETUSAR	130	Maharstra Solar I-33 KV		10	NOT REPORTING
		131	Maharstra Solar II-33 KV		10	NOT REPORTING
		132	Shreeyas I (33 KV)		10	NOT REPORTING
		133	Shreeyas II(33 KV)		10	NOT REPORTING
33	132KV SHEO	134	Palimarwar-I (33 KV )		20	NOT REPORTING
		135	Palimarwar-II (33 KV )		20	NOT REPORTING
		136	JSW Energy(33 KV)		5	NOT REPORTING
34	132 KV ROOPANGARH	137	Mukharji & Mukharji(33 KV)		1	NOT INTEGRATED
37	132 KV RD710	140	HIGHTECH GEARS(33 KV)		4	NOT REPORTING
38	132KV IHINJHINYAI I	141	IB VOGT Solar Eight		8.52	NOT REPORTING
40	33 KV PANCHU	143	RAYS POWER		30	NOT REPORTING
41	220 KV BADNU	144	AVAADA		200	NOT REPORTING
42	220 KV JALORE	145	SUNFREE ENERGY		200	NOT REPORTING
44	220 KV RHOPAI GARH	147	SOLAR CRAFT		150	NOT REPORTING

TOTAL

7403.62

**STATUS OF DATA AVAILABILITY OF WIND GENERATORS**

S.No.	NAME OF GSS	S.No.	FEEDER NAME	INSTALLED CAPACITY (IN MW)	DATA AVAILABILITY AS ON 15.09.25
1	400 KV GSS AKAL	3	220 KV MADA(SUZLON)	277.1	NOT REPORTING
		4	220 KV AKAL-1(SUZLON)		NOT REPORTING
		5	220 KV AKAL-2(SUZLON)		NOT REPORTING
		8	220 KV BHU-1(WIND WORLD)	456	NOT REPORTING
		9	220 KV BHU-2(WIND WORLD)		NOT REPORTING
		10	220 KV MOOLANA(SUZLON)	102.9	NOT REPORTING
		11	220 KV BHENSDA(SUZLON)	201.6	NOT REPORTING
		12	220 KV LALA(GAMESHA ,DEVIKOT)	74	NOT REPORTING
2	220 KV GSS AMARSAGAR	13	220 KV MADA(SUZLON)	224.5	NOT REPORTING
		14	220 KV TEJUWA-1/MOKALA(SUZLON)	380.25	NOT REPORTING
		15	220 KV TEJUWA-2/MOKALA(SUZLON)		NOT REPORTING
		18	132 KV LUDARWA(SUZLON)	76.5	NOT REPORTING
		19	132 KV KALDUNGAR(SUZLON)	113.4	NOT REPORTING
		20	RRB-1 Energy Ltd. (33 KV) BARAMSAR	16.2	NOT INTEGRATED
		21	RRB-2 Energy Ltd.(33 KV) POHRA	13.2	NOT INTEGRATED
		22	RRB-3 Energy Ltd. (33 KV) KAHALA	7.8	NOT INTEGRATED
		23	VISHAL (33 KV) dhamsagar	7.5	NOT REPORTING
		24	CAPTIVE (33 KV ) Suzlon Tahra	5.6	NOT REPORTING
		25	PCI (33 KV) Phalodi	9.85	NOT REPORTING
		26	RSMM-III (33 KV) Tahra	5	NOT REPORTING
		27	RSMM-IV (33 KV) Tahra	7.5	NOT REPORTING
		28	RSMM-I & II (33 KV) Amarsagar	9.8	NOT REPORTING
		29	SEL 18 (33 KV) Bada bagh dhamsar(SUZLON)	11.25	NOT REPORTING
		30	SEL 26 (33 KV) Bada bagh dhamsar(SUZLON)	22.9	NOT REPORTING
		31	SEL 39 (33 KV) Bada bagh dhamsar(SUZLON)	10.6	NOT REPORTING
3	220 KV GSS TINWARI	32	220 KV SUZLON(ketu kalan)	141.9	NOT REPORTING
5	220 KV PRATAPGARH	38	RREC-33 KV (DEVGARH)	2.25	NOT INTEGRATED
6	220 KV GSS RAMGARH	40	SUZLON-220 KV TEJUWA	201.6	NOT REPORTING
		41	GREENKO-220 KV NAWAR(SUZLON)	120	NOT REPORTING
		42	NIDHI 1-132 KV (HABUR)	90	NOT REPORTING
		43	NIDHI 2 -132 KV (HABUR)		NOT REPORTING

S.No.	NAME OF GSS	S.No.	FEEDER NAME	INSTALLED CAPACITY (IN MW)	DATA AVAILABILITY AS ON 15.09.25
7	132 KV GSS BAORI	44	DANWARA-132 KV(SUZLON)	59.4	NOT REPORTING
8	132 KV GSS OSIAN	45	33 KV SUZLON-1 (DEBARI)	30	NOT REPORTING
		46	33 KV SUZLON-2		NOT REPORTING
12	132 KV GSS JAISALMER	53	RRB-33 KV (AKAL)	10.2	NOT INTEGRATED
		54	SUZLON 1-33 KV	28.2	NOT REPORTING
		55	SUZLON 2-33 KV		NOT REPORTING
13	132 KV GSS SHEO	56	SUZLON-33 KV (Rawat ka gaon & Jaseka ka Gaon, Barmer)	9.6	NOT REPORTING
14	132 KV GSS KHOOD	59	WIND WORLD LTD-33 KV (HARSH PAHAD)	7.2	NOT REPORTING

TOTAL

**4623.31**



भारत सरकार/ Government of India  
 विद्युत मंत्रालय/ Ministry of Power  
 केन्द्रीय विद्युत प्राधिकरण/ Central Electricity Authority  
 ग्रीड प्रबंधन प्रभाग/ Grid Management Division  
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सं.: CEA-GO-12-22/4/2023-GM Division/

दिनांक: 12.05.2023

**विषय: Compliance of Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations by RE Developers-regd.**

It is to bring notice that that there were 28 incidents involving loss of more than 1000 MW RE generation in the grid since January 2022. These grid events may be categorized into three main categories:

- (i) Overvoltage during switching operation.
- (ii) Fault in vicinity of RE complex.
- (iii) Low frequency Oscillations in RE complex.

2. The analysis of these grid events revealed that both under the steady and dynamic state condition, inadequate reactive support from VRE was found to be one of the contributing factors.

3. Clause B2. (1) of the Central Electricity Authority (Technical Standards for Connectivity to the Grid) amendment Regulations, 2019 provides as under:

*"The generating station shall be capable of supplying dynamically varying reactive power support so as to maintain power factor within the limits of 0.95 lagging to 0.95 leading."*

4. It may also be mentioned that the above provisions of the CEA Connectivity Regulations are not being complied in totality. There is necessity for dynamically varying reactive support during Low Voltage Ride Through (LVRT), High Voltage Ride Through (HVRT), etc., as the fixed capacitor banks can provide reactive support only during steady state and also the support is delivered in steps after time delay. Therefore, the requisite dynamically varying reactive power support is a necessity for grid stability and security.

5. Further, it was decided in the meeting held on 14<sup>th</sup> March, 2023 under Chairmanship of Secretary (Power) regarding "Review frequent grid events in RE complexes and measures being taken" that compliance of CEA Connectivity Regulations at level of connectivity is necessary for all RE developers.



6. In view of the above, it has been decided that the RE developers who have applied for connectivity till 30<sup>th</sup> April, 2023 shall comply with above provisions by 30<sup>th</sup> September, 2023 else, these RE plants would be dis-connected.

7. Further, RE developers who have applied for connectivity after 30<sup>th</sup> April, 2023, they must comply with requirements stipulated in the Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations, 2007 and their subsequent amendments.

  
(चन्द्र प्रकाश) 24/5/2023

मुख्य अभियंता (ग्रिड प्रबंधन प्रभाग)

To,  
All RE Developers

Copy to:-

1. CMD, Grid-India.
2. COO, CTUIL.
3. Chairman, SECI.

Copy for kind information to:-

1. PPS to Secretary (Power)
2. PPS to Secretary (MNRE)
3. SA to Chairperson, CEA
4. SA to Member (GO &D), CEA
5. PS to Chief Engineer (GM), CEA