



ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
GRID CONTROLLER OF INDIA LIMITED
(A Government of India Enterprise)

[formerly Power System Operation Corporation Limited (POSOCO)]

राष्ट्रीय भार प्रेषण केन्द्र / National Load Despatch Centre

कार्यालय : बी-९, प्रथम एवं द्वितीय तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110016

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संदर्भ संख्या:- GRID-INDIA/NLDC/MR/

दिनांक: 24.09.2025

सेवा में,

वितरण सूची के अनुसार

विषय:- निष्पादन रिपोर्ट – अगस्त 2025

महोदय,

आई०ई०जी०सी०-2023 की धारा-३८ के अनुपालन में, अगस्त 2025 माह की अखिल भारतीय प्रणाली की निष्पादन रिपोर्ट संलग्न है।

धन्यवाद

भवदीय

एस.सी. डंभारे
मुख्य महाप्रबन्धक
प्रणाली प्रचालन, रा.भा.प्रे.के.

संलग्नक: मासिक प्रणाली रिपोर्ट

वितरण सूची

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- 2 मुख्य अभियंता (जी एम), के.वि.प्रा., सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
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Member Secretary, WRPC, F-3, MIDC Area, Andheri (East), Mumbai-400093
- 5 सदस्य सचिव, द. क्षे. वि. स., 29, रेस कोर्स क्रॉस रोड, बंगलूरु - 560009
Member Secretary, SRPC, 29, Race Course Cross Road, Bangalore-560009
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Member Secretary, ERPC, 14, Golf Club Road, Kolkata-700033
- 7 सदस्य सचिव, उ. पू. क्षे. वि. स., मेघालय राज्य आवासीय वित्त सहकारी समिति लिमिटेड भवन, नोग्रिम हिल्स, शिलोंग - 793003
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- 10 कार्यपालक निदेशक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र, अंधेरी (पूर्व), मुंबई - 400093
Executive Director, WRLDC, F-3, MIDC Area, Andheri (East), Mumbai-400093
- 11 कार्यपालक निदेशक, उ. क्षे. भा. प्रे. के., 18/ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
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Executive Director, NERLDC, Dongtien, Lower Nongrah, Laplang, Shillong-793006



ग्रिड-इंडिया
GRID-INDIA

मासिक प्रचालन रिपोर्ट MONTHLY OPERATIONAL REPORT

राष्ट्रीय भार प्रेषण केन्द्र
NATIONAL LOAD DESPATCH CENTRE

AUGUST - 2025

GRID CONTROLLER OF INDIA LIMITED
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड

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ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

GRID CONTROLLER OF INDIA LIMITED

Formerly Power System Operation Corporation Limited

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



ग्रिड-इंडिया
GRID-INDIA

माह अगस्त 2025 के लिए प्रचालन निष्पादन रिपोर्ट

OPERATIONAL PERFORMANCE REPORT FOR THE
MONTH OF AUGUST-2025

पृष्ठसूची CONTENTS

1	माह अगस्त 2025 की सारांश रिपोर्ट	1-5
	Summary of report for the month of AUGUST 2025	
2	क्षेत्रवार स्थापित विद्युत क्षमता	6
	Region wise Installed Capacity	
3	राष्ट्रीय स्तर पर संधाकालीन शिखर अवधि की विद्युत मांग पूर्ति	7-8
	Evening Peak Hour Demand Met at National level	
4	राष्ट्रीय स्तर पर विद्युत ऊर्जा खपत	9-10
	Energy consumption at National level	
5	फ्रिकेंसी रूपरेखा	11-12
	Frequency profile	
6	राष्ट्रीय स्तर पर जल विद्युत ऊर्जा उत्पादन	13-14
	Hydro generation at National level	
7	राष्ट्रीय स्तर पर पवन ऊर्जा उत्पादन	15
	Wind generation at National level	
8	राष्ट्रीय स्तर पर सौर ऊर्जा उत्पादन	16
	Solar generation at National level	
9	राष्ट्रीय स्तर पर दैनिक अधिकतम विद्युत मांग पूर्ति	17
	Daily maximum demand met at National level	
10	7 अगस्त के माँग एवं उत्पादन प्लॉट (अधिकतम मांग पूर्ति) व माँग का डाटा (15 मिनट अंतराल)	18-22
	Demand and generation plots for 07-AUGUST (Max Demand Met) and Demand data (15-minute interval)	
11	ऊर्जा आपूर्ति की वास्तविक स्थिति	23
	Actual power supply position	
12	ऊर्जा आवश्यकता एवं आपूर्ति की पिछले वर्ष माह अगस्त 2024 से तुलना	24
	Energy requirement and met comparison with AUGUST 2024	

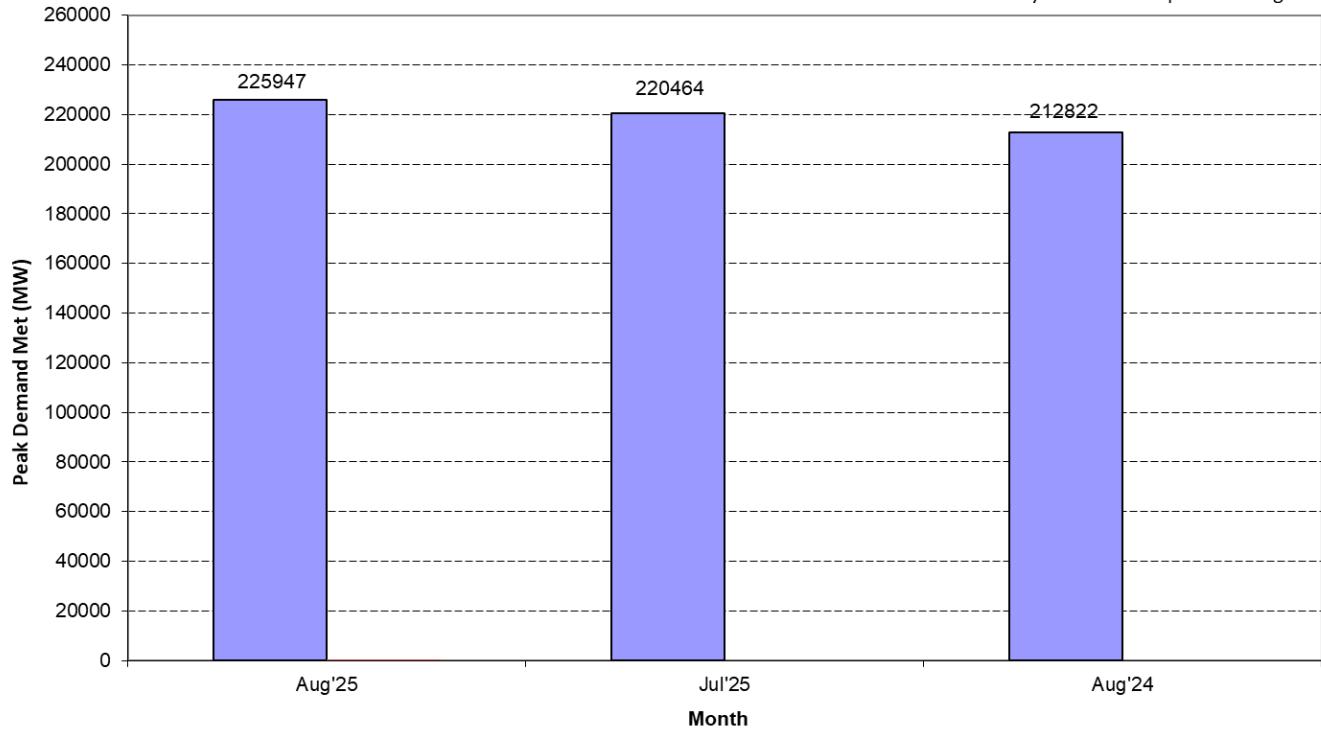
13	शिखर मांग आवश्यकता एवं आपूर्ति की पिछले वर्ष माह अगस्त 2024 से तुलना	25
	Peak demand requirement and met comparison with AUGUST 2024	
14	क्षेत्रीय स्तर पर शिखर एवं ड्रावल	26
	Schedule & drawal at regional level	
15	अंतर क्षेत्रीय विनिमय	27-38
	Inter-regional exchanges	
16	अंतर राष्ट्रीय विद्युत विनिमय	39-41
	Inter-national exchanges	
17	एसटीओए (द्विपक्षीय एवं सामूहिक) एवं यूआई का ब्लौरा	42
	Bilateral and collective short-term open access & UI details	
18	पावर मार्केट की सूचना	43-47
	Power market information	
19	अक्षय ऊर्जा प्रमाण पत्र प्रक्रिया	48-50
	Renewable energy certificate mechanism	
20	मुख्य घटनाएँ एवं डिस्टर्बेस	51-66
	Important events/disturbances	
21	नए चार्ज किये गए तत्व	67
	New elements Charged	
22	विभव रूपरेखा	68
	Voltage profile	
23	अब तक उच्चतम (मांग व ऊर्जा) अँकड़े : माह अगस्त 2025 तक	69
	All Time Highest (Demand & Energy) figures: Till AUGUST 2025	
24	अगस्त 2025 के लिए सिस्टम रिलाइबिलिटी सूचकांक	70
	System Reliability Indices for AUGUST 2025	

1. SUMMARY OF REPORT FOR THE MONTH OF AUGUST-2025

EVENING PEAK HOUR (at 2000hrs) DEMAND MET AT NATIONAL LEVEL (MW)

Increased by 2.49% as compared to Jul'25

Increased by 6.17% as compared to Aug'24

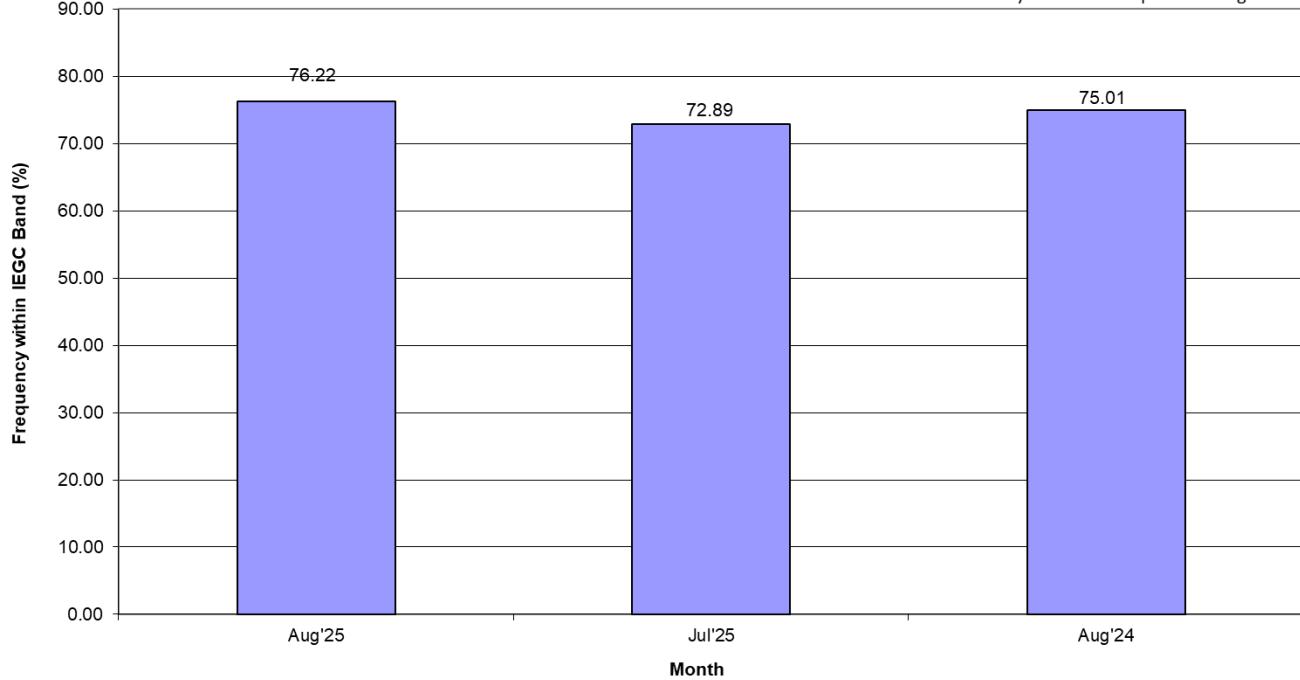


*Source: As per daily data furnished by states

Frequency within IEGC Band

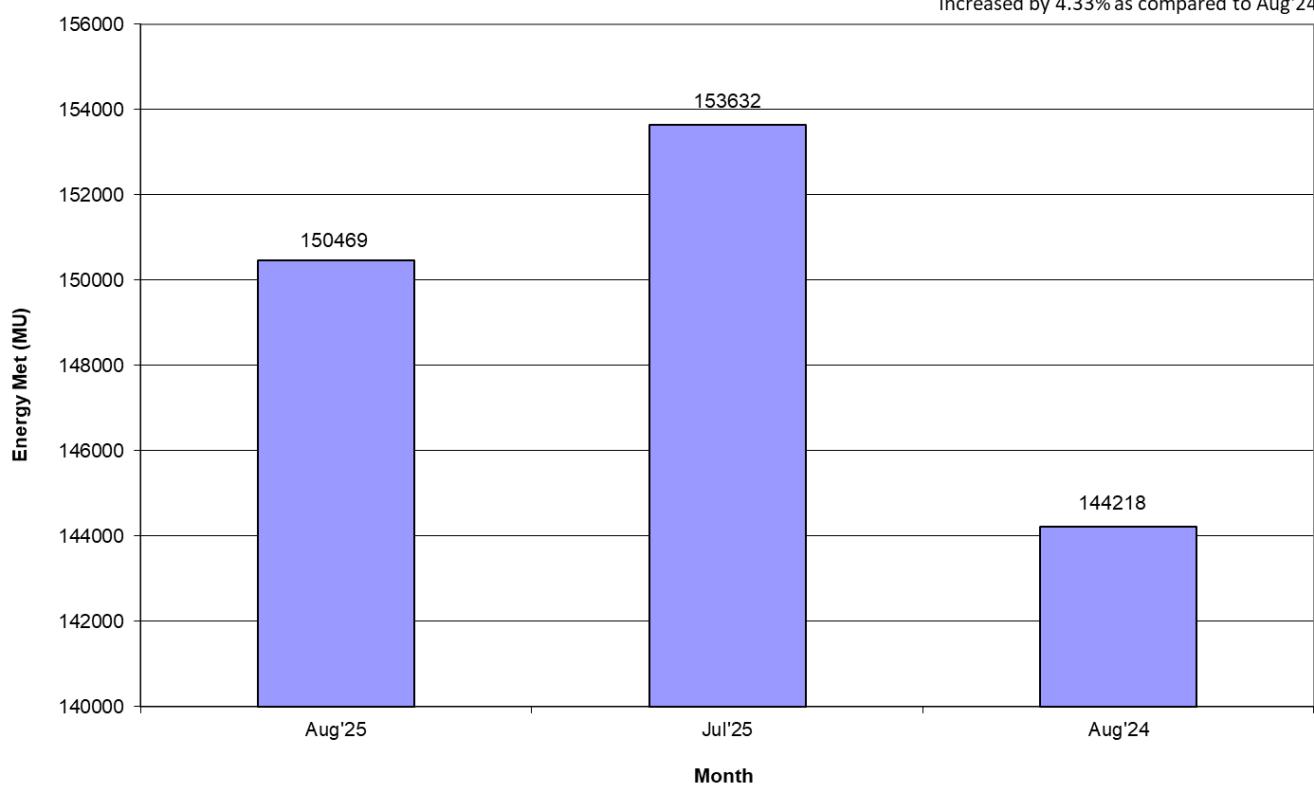
Increased by 4.57% as compared to Jul'25

Increased by 1.61% as compared to Aug'24



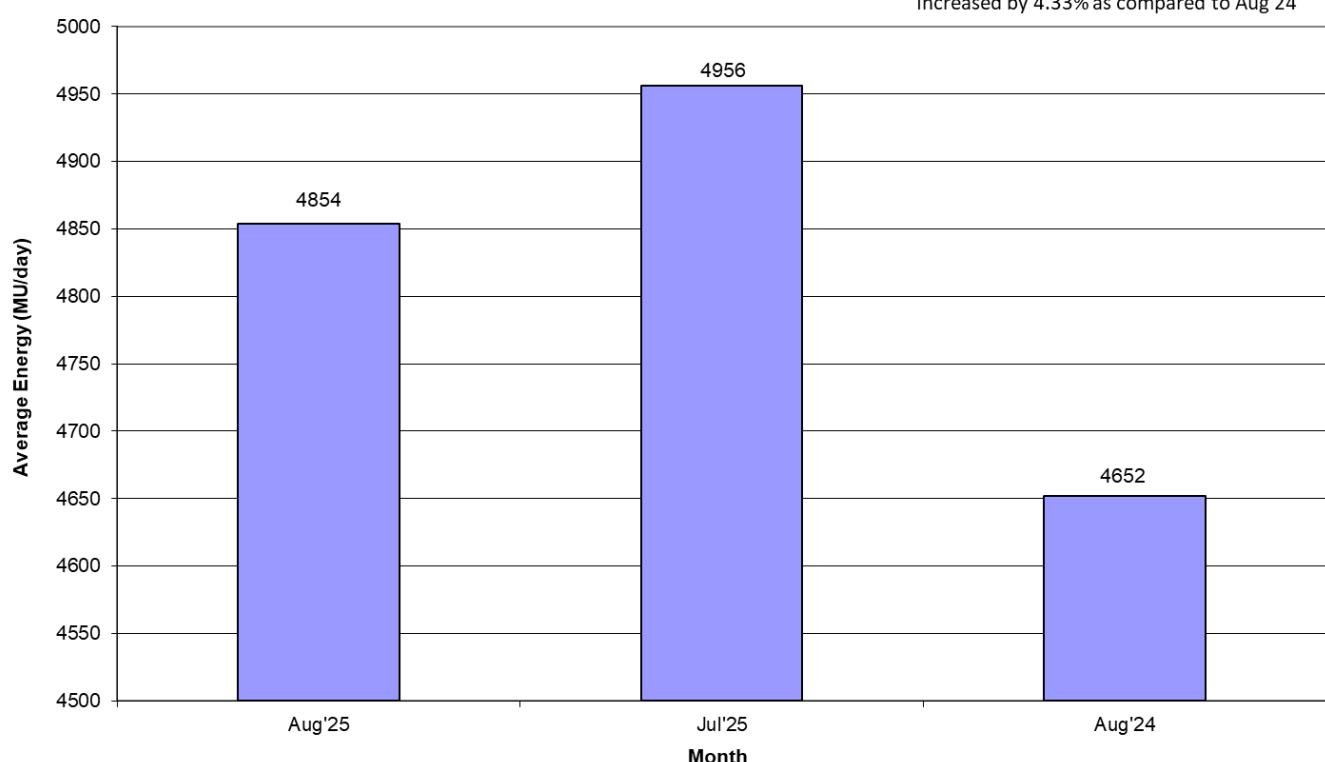
ENERGY MET AT NATIONAL LEVEL (MU)

Decreased by 2.06% as compared to Jul'25
Increased by 4.33% as compared to Aug'24



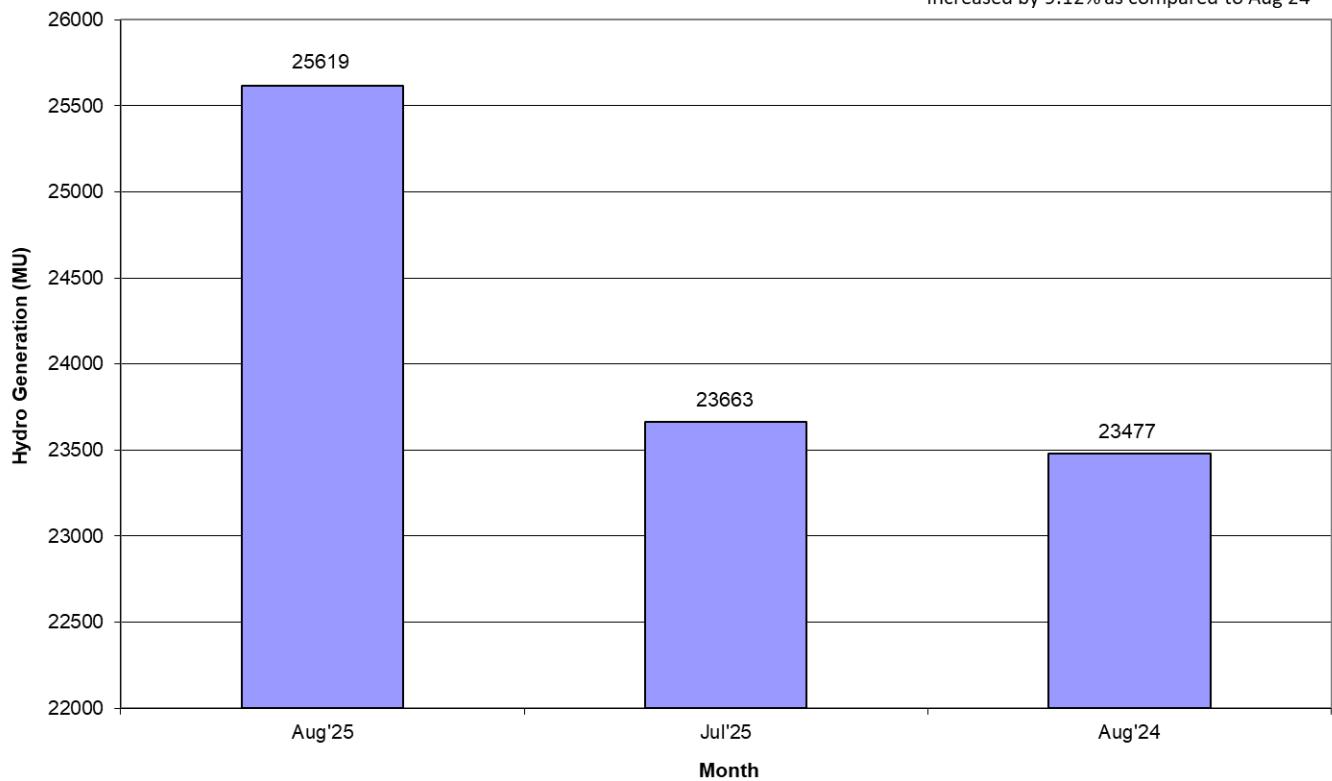
AVERAGE ENERGY MET AT NATIONAL LEVEL (MU/Day)

Decreased by 2.06% as compared to Jul'25
Increased by 4.33% as compared to Aug'24



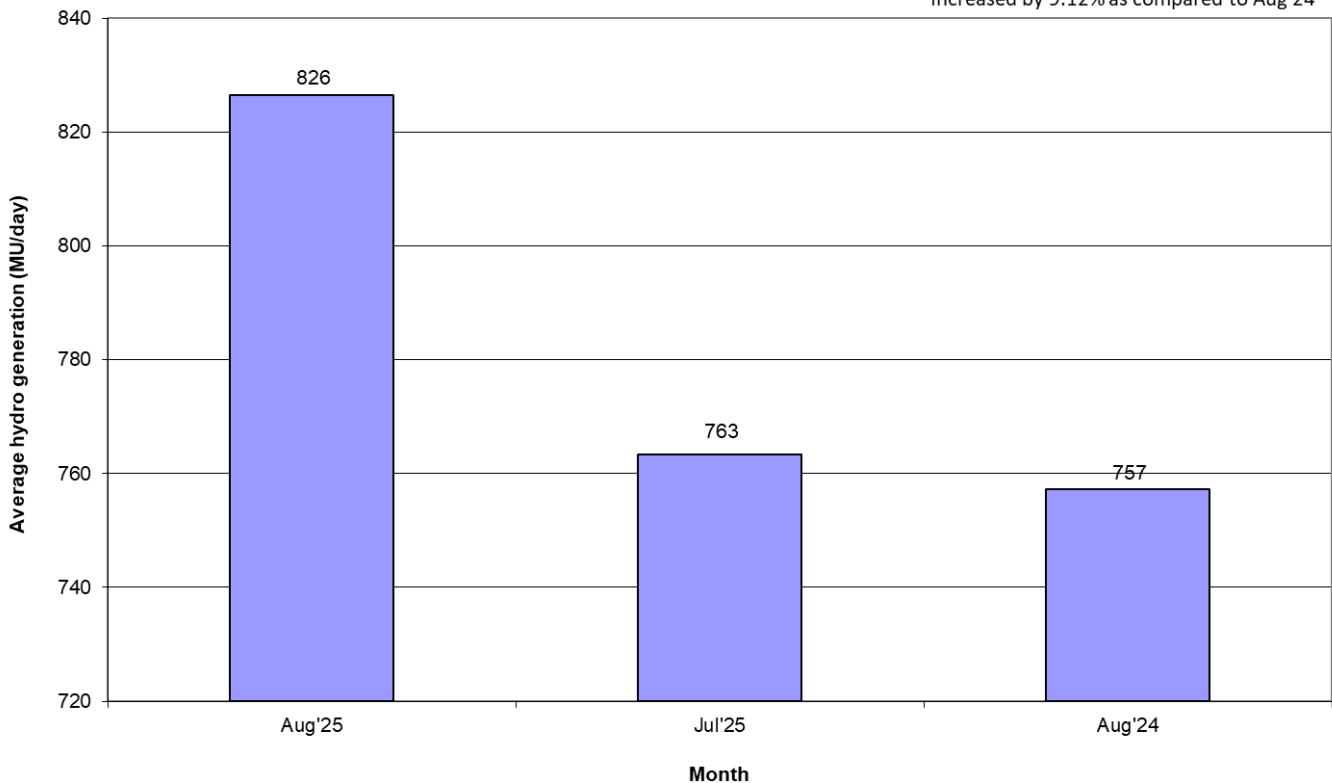
HYDRO GENERATION AT NATIONAL LEVEL (MU)

Increased by 8.27% as compared to Jul'25
Increased by 9.12% as compared to Aug'24



AVERAGE HYDRO GENERATION AT NATIONAL LEVEL (MU/Day)

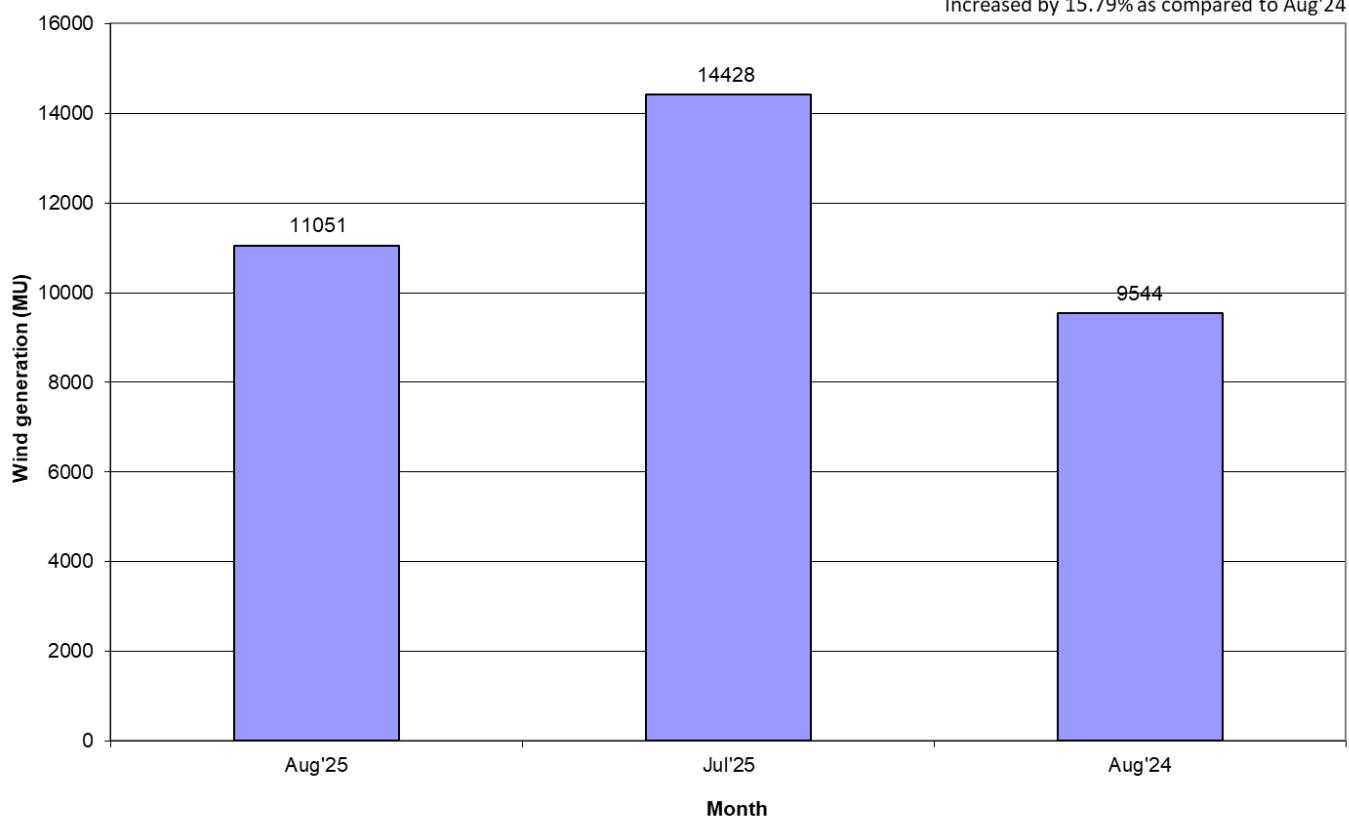
Increased by 8.27% as compared to Jul'25
Increased by 9.12% as compared to Aug'24



WIND GENERATION AT NATIONAL LEVEL (MU)

Decreased by 23.41% as compared to Jul'25

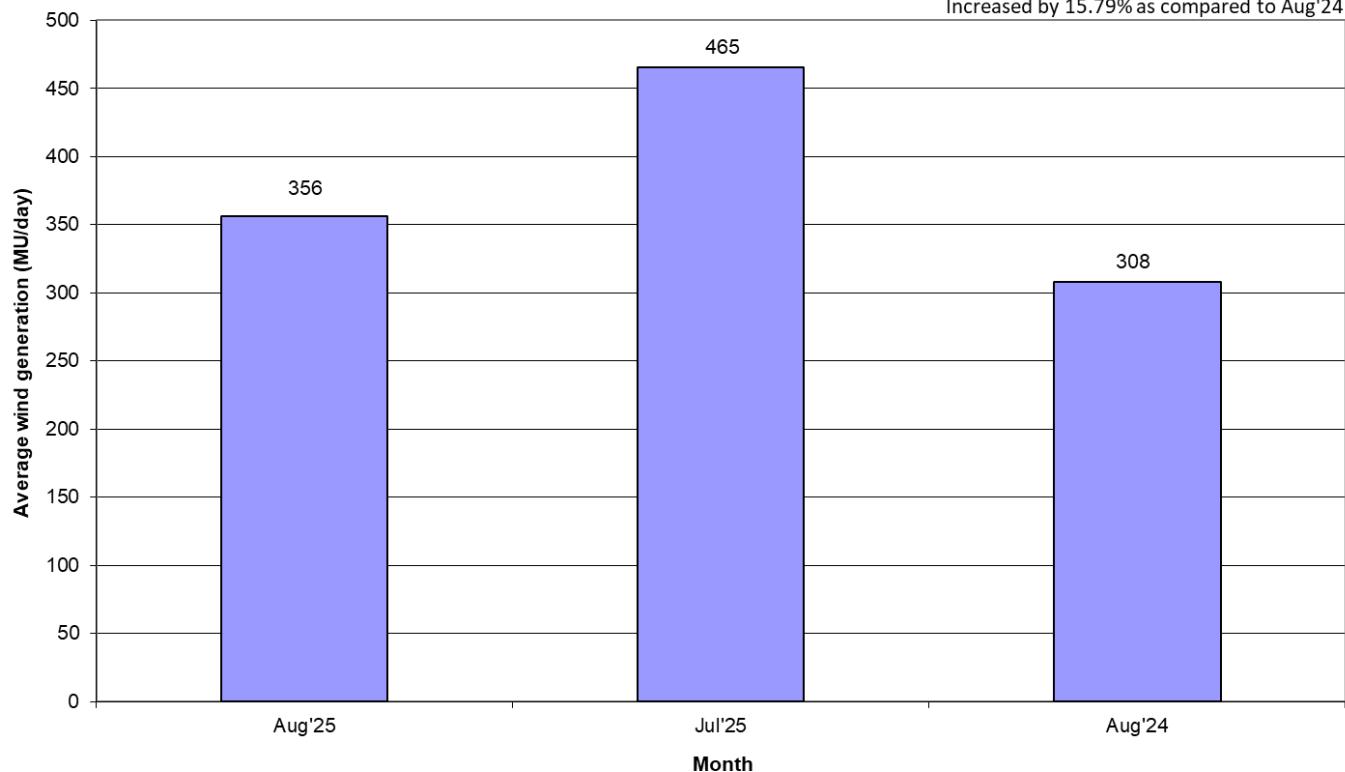
Increased by 15.79% as compared to Aug'24



AVERAGE WIND GENERATION AT NATIONAL LEVEL (MU/Day)

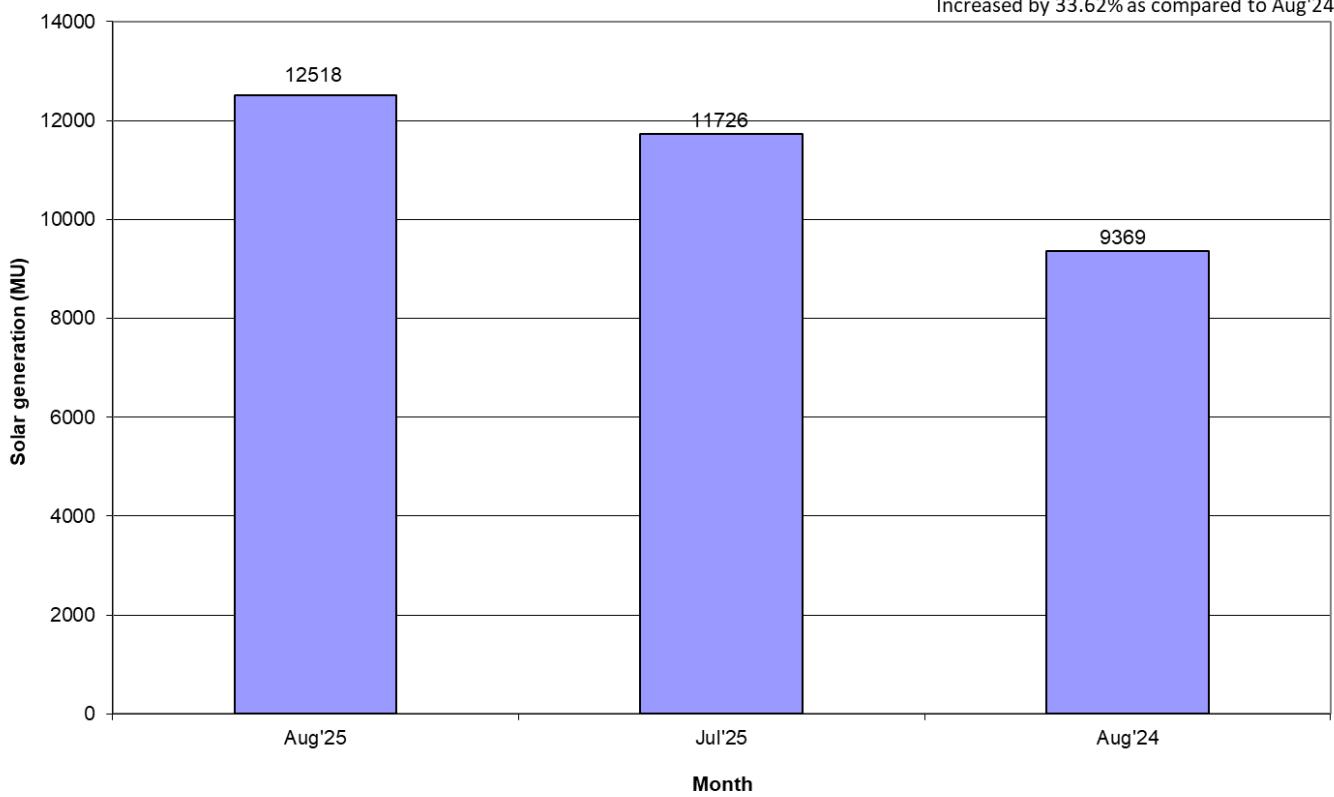
Decreased by 23.41% as compared to Jul'25

Increased by 15.79% as compared to Aug'24



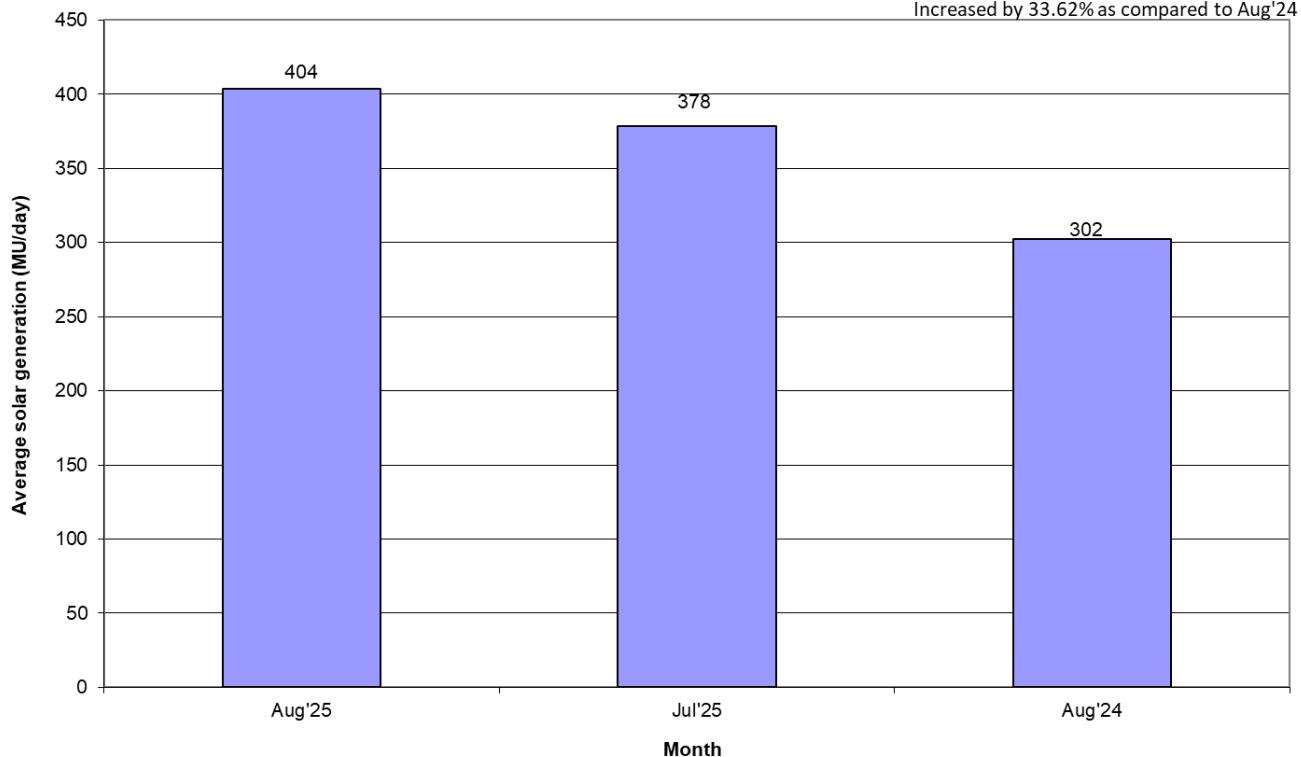
SOLAR GENERATION AT NATIONAL LEVEL (MU)

Increased by 6.76% as compared to Jul'25
Increased by 33.62% as compared to Aug'24



AVERAGE SOLAR GENERATION AT NATIONAL LEVEL (MU/Day)

Increased by 6.76% as compared to Jul'25
Increased by 33.62% as compared to Aug'24



2. ALL INDIA REGIONWISE INSTALLED CAPACITY

As on 31.08.2025

(All figures are in MW)

S No	Region	THERMAL					NUCLEAR	HYDRO	RES @ MNRE	GRAND TOTAL
		COAL	LIGNITE	GAS	DIESEL	TOTAL				
1	NR	59958	1580	5712	0	67250	2220	22239	52692	144401
2	WR	73617	1400	9399	0	84417	3240	7696	72629	167981
3	SR	51996	3640	3356	434	59425	3320	13367	63818	139930
4	ER	29985	0	0	0	29985	0	4862	2591	37439
5	NER	1242	0	1665	36	2943	0	1944	745	5632
6	ISLANDS	0	0	0	120	120	0	0	43	163
	ALL INDIA	216798	6620	20132	589	244140	8780	50108	192518	495545

Source: Central Electricity Authority

३. राष्ट्रीय स्तर पर संध्याकालीन शिखर अवधि की विद्युत मांग पूर्ति
EVENING PEAK HOUR (at 20:00hrs) DEMAND MET AT NATIONAL LEVEL

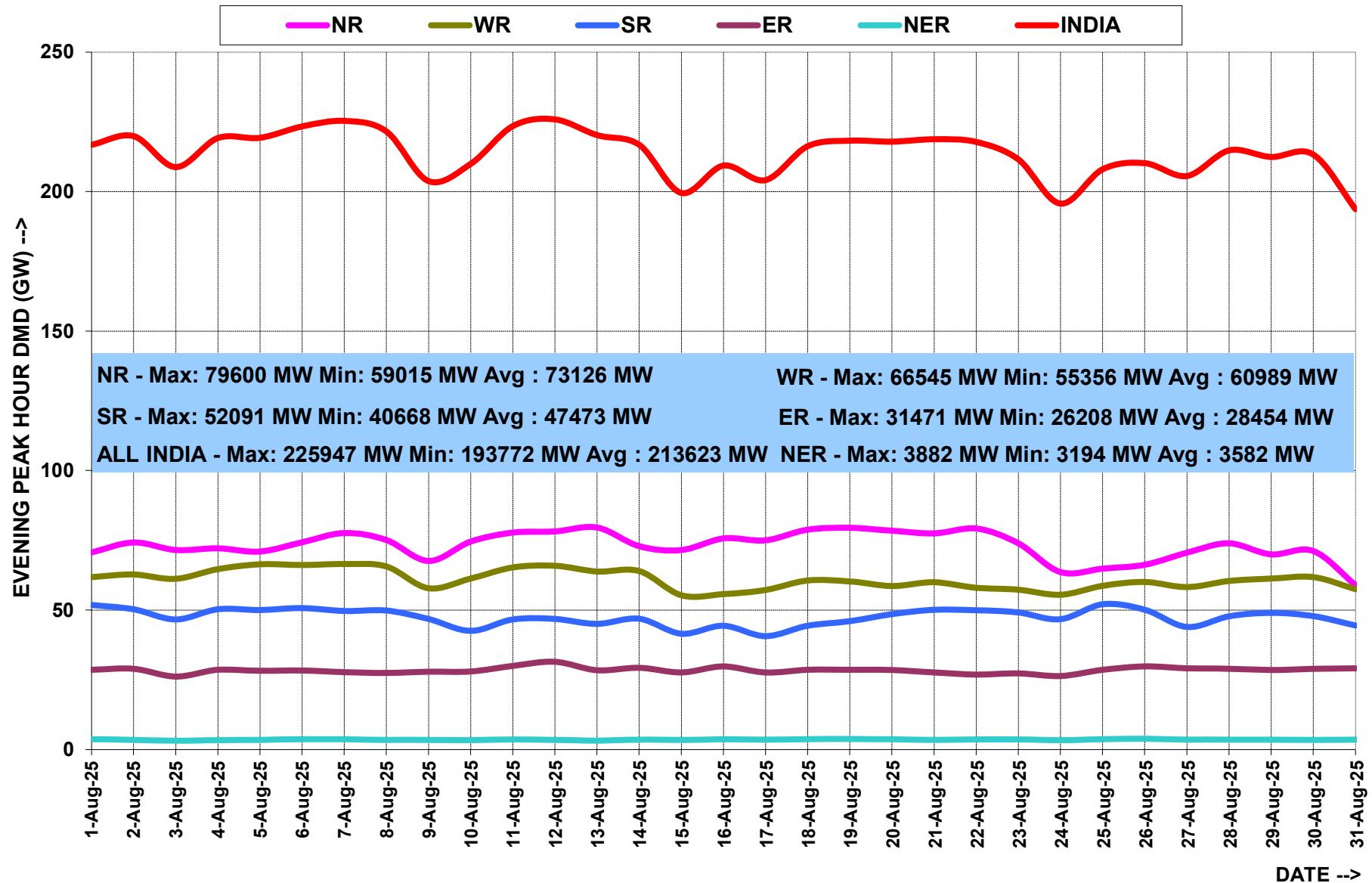
माह: अगस्त 2025 MONTH:- AUGUST 2025

सभी आंकड़े मेगावाट में All figures in MW

दिनांक Date	ऊतरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	अखिल भारतीय All India
1-Aug-25	70656	61879	51907	28599	3751	216792
2-Aug-25	74283	62766	50340	28979	3523	219891
3-Aug-25	71539	61231	46662	26208	3194	208834
4-Aug-25	72146	64740	50342	28588	3424	219240
5-Aug-25	70995	66448	50068	28263	3506	219280
6-Aug-25	74306	66202	50748	28395	3741	223392
7-Aug-25	77645	66545	49687	27800	3703	225380
8-Aug-25	75138	65646	49849	27459	3493	221585
9-Aug-25	67614	57864	46873	27918	3521	203790
10-Aug-25	74576	61323	42569	28009	3437	209914
11-Aug-25	77811	65300	46672	30026	3656	223465
12-Aug-25	78200	65885	46877	31471	3514	225947
13-Aug-25	79600	63844	45066	28487	3258	220255
14-Aug-25	72922	64018	46907	29335	3586	216768
15-Aug-25	71522	55356	41542	27663	3486	199569
16-Aug-25	75715	55735	44401	29801	3716	209368
17-Aug-25	75017	57228	40668	27652	3600	204165
18-Aug-25	78877	60608	44410	28635	3780	216310
19-Aug-25	79491	60317	46062	28622	3789	218281
20-Aug-25	78463	58649	48559	28548	3704	217923
21-Aug-25	77526	59981	50100	27666	3504	218777
22-Aug-25	79246	58004	49993	26930	3666	217839
23-Aug-25	74019	57350	49198	27339	3667	211573
24-Aug-25	63624	55547	46750	26395	3399	195715
25-Aug-25	64913	58726	52091	28610	3737	208077
26-Aug-25	66278	60113	50154	29812	3882	210239
27-Aug-25	70605	58267	43977	29184	3612	205645
28-Aug-25	73943	60432	47773	29015	3602	214765
29-Aug-25	69979	61292	49044	28578	3546	212439
30-Aug-25	71229	61834	47847	28940	3486	213336
31-Aug-25	59015	57539	44518	29146	3554	193772
उच्चतम MAXIMUM	79600	66545	52091	31471	3882	225947
निम्नतम MINIMUM	59015	55356	40668	26208	3194	193772
औसत AVERAGE	73126	60989	47473	28454	3582	213623
अब तक का उच्चतम All Time Max.	84151	71713	55925	31898	4065	232191
दिनांक Date	14.06.25	24.04.25	28.03.25	14.05.25	23.07.25	09.06.25

Source: As per daily data furnished by states

EVENING PEAK HOUR DEMAND(at 2000hrs) MET DURING THE MONTH OF AUGUST' 2025



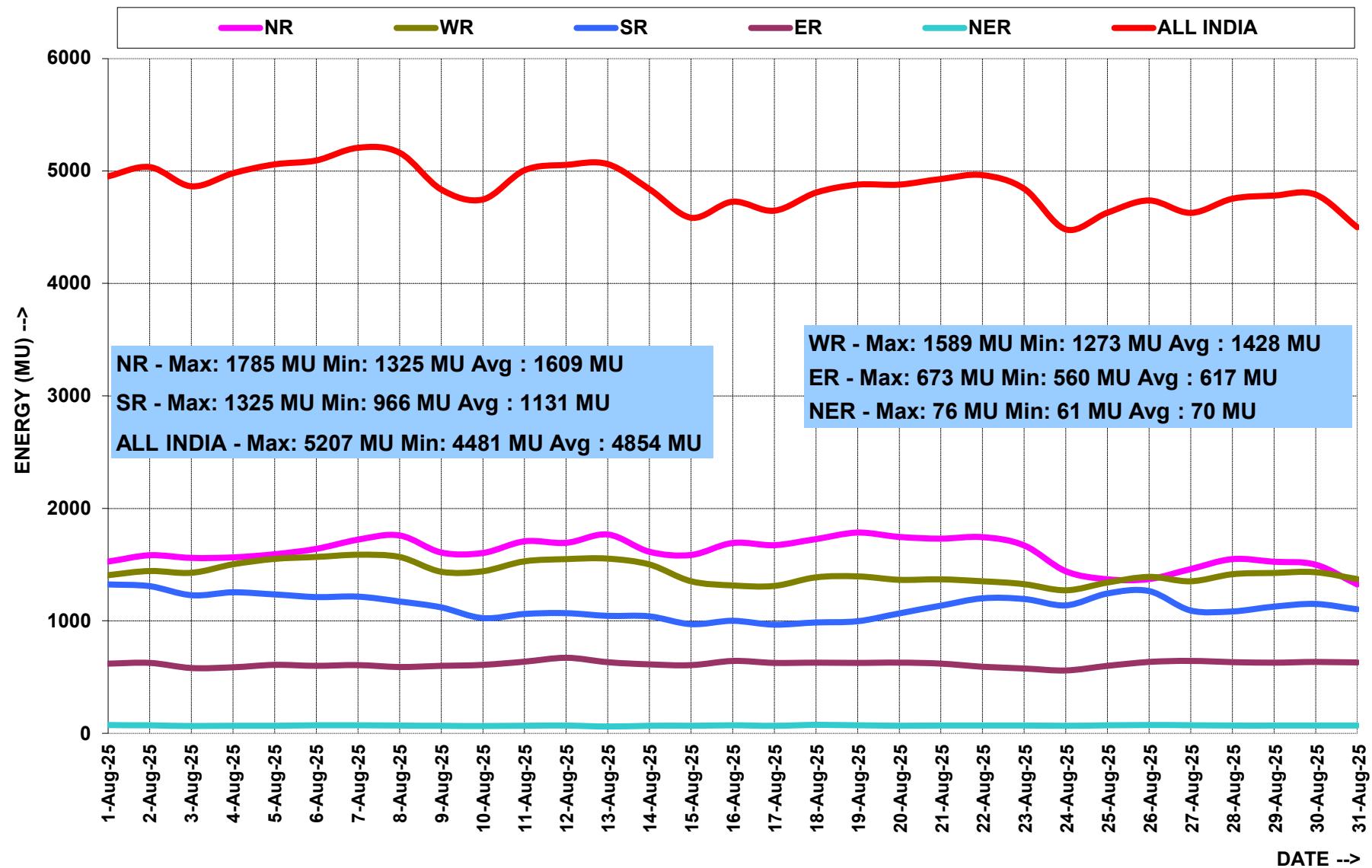
4. राष्ट्रीय स्तर पर विद्युत ऊर्जा आपूर्ति ENERGY MET AT NATIONAL LEVEL

माह: अगस्त 2025 MONTH:- AUGUST 2025

सभी आंकड़े मिलियन यूनिट में All figures in MU

दिनांक Date	ऊतरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	अखिल भारतीय All India
01-Aug-25	1528	1406	1325	620	74	4953
02-Aug-25	1584	1444	1309	626	72	5035
03-Aug-25	1560	1428	1228	581	66	4864
04-Aug-25	1566	1503	1255	588	68	4980
05-Aug-25	1594	1552	1236	610	69	5060
06-Aug-25	1641	1568	1212	601	72	5095
07-Aug-25	1722	1589	1216	607	72	5207
08-Aug-25	1760	1569	1174	591	70	5164
09-Aug-25	1609	1438	1121	601	68	4836
10-Aug-25	1605	1443	1025	609	66	4747
11-Aug-25	1708	1531	1062	638	69	5007
12-Aug-25	1694	1549	1070	673	70	5055
13-Aug-25	1769	1554	1045	633	61	5061
14-Aug-25	1614	1502	1041	614	68	4839
15-Aug-25	1587	1352	971	607	68	4586
16-Aug-25	1694	1316	1001	644	73	4728
17-Aug-25	1674	1311	966	627	67	4647
18-Aug-25	1728	1388	987	629	76	4808
19-Aug-25	1785	1397	998	627	72	4878
20-Aug-25	1747	1367	1067	630	69	4879
21-Aug-25	1732	1370	1136	621	71	4930
22-Aug-25	1745	1353	1202	593	71	4964
23-Aug-25	1672	1328	1196	578	70	4842
24-Aug-25	1441	1273	1139	560	69	4481
25-Aug-25	1371	1341	1245	601	72	4630
26-Aug-25	1371	1392	1265	635	75	4739
27-Aug-25	1462	1353	1094	645	74	4628
28-Aug-25	1550	1416	1085	634	70	4754
29-Aug-25	1527	1427	1128	628	71	4782
30-Aug-25	1501	1434	1151	635	70	4790
31-Aug-25	1325	1371	1103	631	69	4499
कुल TOTAL	49865	44263	35052	19119	2170	150469
उच्चतम MAXIMUM	1785	1589	1325	673	76	5207
निम्नतम MINIMUM	1325	1273	966	560	61	4481
औसत AVERAGE	1609	1428	1131	617	70	4854
संचयी 2025-26 Cumulative 2025-26	240425	226893	179498	93593	9887	750296
अब तक का उच्चतम All Time Max.	2023	1742	1458	704	82	5466
दिनांक Date	12.06.25	25.04.25	28.03.25	23.07.25	24.07.25	30.05.24

ENERGY MET DURING THE MONTH OF AUGUST' 2025



5. वर्ष 2025-26 के लिए आवृति रूपरेखा
FREQUENCY PROFILE FOR YEAR 2025-26

राष्ट्रीय ग्रिड NATIONAL GRID								
आवृति रूपरेखा (Hz) Frequency Profile(Hz)		<49.9	49.9-50.05	>50.05	उच्चतम आवृति Max. Frequency	निम्नतम आवृति Min. Frequency	औसत आवृति Avg. Frequency	
% समय % Time	Apr-25	अखिल भारतीय ग्रिड All India Grid	5.16	75.64	19.20	50.49	49.42	50.00
	May-25	अखिल भारतीय ग्रिड All India Grid	3.60	73.30	23.11	50.49	49.59	50.02
	Jun-25	अखिल भारतीय ग्रिड All India Grid	7.56	71.85	20.60	50.27	49.74	50.00
	Jul-25	अखिल भारतीय ग्रिड All India Grid	6.65	72.89	20.46	50.40	49.50	50.00
	Aug-25	All India Grid	6.63	76.22	17.16	50.35	49.46	50.00
	2025-26 (upto Aug)	अखिल भारतीय ग्रिड All India Grid	5.91	73.98	20.11	50.49	49.42	50.00

5.1 अगस्त 2025 के लिए आवृत्ति रूपरेखा FREQUENCY PROFILE FOR AUGUST 2025

आवृत्ति रूपरेखा (Hz) Frequency Profile(Hz)		<49.9	49.9-50.05	>50.05	उच्चतम आवृत्ति Max. Frequency	निम्नतम आवृत्ति Min. Frequency	औसत आवृत्ति Avg. Frequency	एफ.वी.आई. FVI
% समय % Time	01-Aug-25	4.24	76.42	19.34	50.28	49.80	50.01	0.03
	02-Aug-25	10.61	74.38	15.01	50.30	49.69	49.99	0.05
	03-Aug-25	7.96	77.15	14.88	50.23	49.69	49.99	0.05
	04-Aug-25	5.31	77.36	17.33	50.13	49.78	50.00	0.03
	05-Aug-25	9.62	71.85	18.53	50.21	49.67	49.99	0.05
	06-Aug-25	4.27	72.56	23.17	50.21	49.84	50.01	0.03
	07-Aug-25	1.89	80.08	18.03	50.20	49.72	50.01	0.03
	08-Aug-25	4.92	79.93	15.15	50.16	49.77	50.00	0.03
	09-Aug-25	3.07	68.68	28.25	50.22	49.81	50.02	0.04
	10-Aug-25	0.90	94.48	4.62	50.11	49.85	49.99	0.01
	11-Aug-25	1.81	83.45	14.75	50.30	49.83	50.00	0.03
	12-Aug-25	8.54	83.81	7.65	50.11	49.82	49.98	0.03
	13-Aug-25	7.96	82.58	9.46	50.14	49.74	49.98	0.03
	14-Aug-25	10.61	75.91	13.47	50.25	49.60	49.98	0.07
	15-Aug-25	8.28	77.16	14.56	50.27	49.65	49.98	0.05
	16-Aug-25	15.38	69.91	14.71	50.20	49.63	49.98	0.06
	17-Aug-25	7.36	76.98	15.66	50.30	49.70	50.00	0.05
	18-Aug-25	9.55	78.65	11.81	50.16	49.74	49.99	0.04
	19-Aug-25	3.11	78.07	18.82	50.26	49.80	50.01	0.03
	20-Aug-25	10.89	71.66	17.45	50.32	49.60	49.99	0.08
	21-Aug-25	13.70	74.65	11.64	50.21	49.46	49.98	0.08
	22-Aug-25	2.04	79.12	18.84	50.19	49.85	50.01	0.02
	23-Aug-25	3.76	61.85	34.39	50.33	49.78	50.04	0.09
	24-Aug-25	6.30	68.54	25.16	50.28	49.75	50.02	0.06
	25-Aug-25	4.69	73.83	21.48	50.32	49.77	50.01	0.04
	26-Aug-25	9.24	73.37	17.40	50.31	49.78	49.99	0.05
	27-Aug-25	9.29	79.22	11.48	50.15	49.66	49.98	0.04
	28-Aug-25	2.33	79.36	18.31	50.35	49.75	50.01	0.03
	29-Aug-25	9.04	71.71	19.25	50.29	49.65	50.00	0.05
	30-Aug-25	6.01	75.42	18.58	50.34	49.72	50.01	0.05
	31-Aug-25	2.75	74.58	22.66	50.32	49.81	50.02	0.05

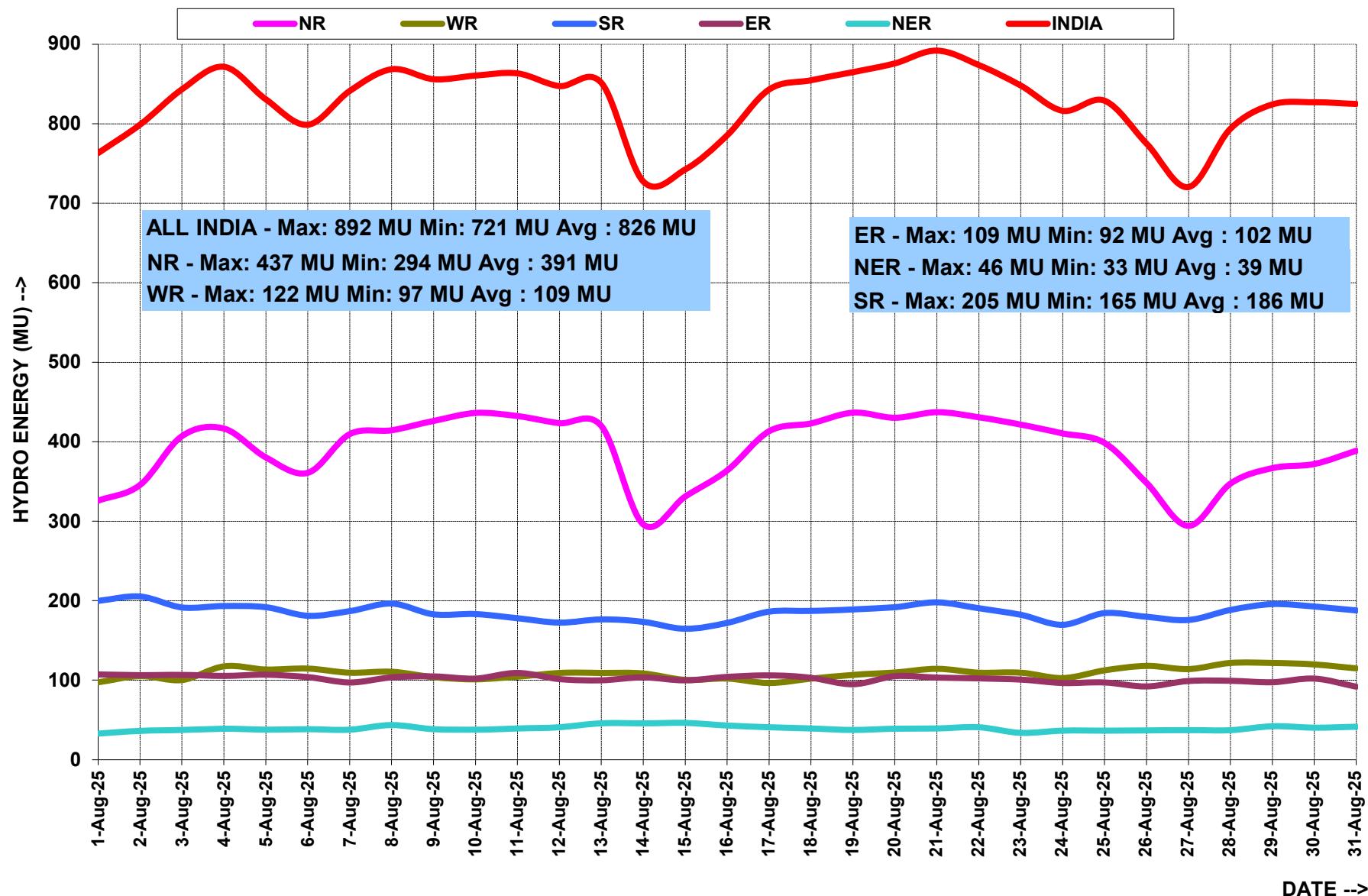
6. राष्ट्रीय स्तर पर जल विद्युत उत्पादन
HYDRO GENERATION AT NATIONAL LEVEL

माह: अगस्त 2025 MONTH:- AUGUST 2025

सभी आंकड़े मिलियन यूनिट में All figures in MU

दिनांक Date	उत्तरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	अखिल भारतीय All India
01-Aug-25	326	97	200	107	33	763
02-Aug-25	346	105	205	106	36	799
03-Aug-25	407	100	192	107	37	843
04-Aug-25	417	118	193	105	39	872
05-Aug-25	380	114	192	107	38	831
06-Aug-25	361	115	181	104	38	799
07-Aug-25	410	110	187	97	38	841
08-Aug-25	414	111	196	104	44	869
09-Aug-25	426	104	183	105	38	856
10-Aug-25	436	101	183	102	38	861
11-Aug-25	432	105	178	109	39	864
12-Aug-25	424	109	173	101	41	848
13-Aug-25	420	109	177	100	46	852
14-Aug-25	296	109	174	104	46	728
15-Aug-25	331	100	165	100	46	743
16-Aug-25	364	102	172	104	43	786
17-Aug-25	413	97	186	106	41	843
18-Aug-25	423	102	187	103	39	855
19-Aug-25	437	107	189	95	38	865
20-Aug-25	430	110	192	105	39	876
21-Aug-25	437	114	198	103	39	892
22-Aug-25	431	110	191	102	41	874
23-Aug-25	422	110	182	101	34	848
24-Aug-25	411	103	170	97	37	816
25-Aug-25	399	112	184	97	36	829
26-Aug-25	348	118	180	92	37	775
27-Aug-25	294	114	176	99	37	721
28-Aug-25	347	122	188	99	37	794
29-Aug-25	367	122	196	98	42	824
30-Aug-25	372	120	193	102	40	827
31-Aug-25	389	115	188	92	41	825
कुल TOTAL	12110	3383	5751	3155	1220	25619
उच्चतम MAXIMUM	437	122	205	109	46	892
निम्नतम MINIMUM	294	97	165	92	33	721
औसत AVERAGE	391	109	186	102	39	826
संचयी 2025-26 Cumulative 2025-26	48851	9277	19376	10397	4253	92154
अब तक का उच्चतम All Time Max.	443	167	208	157	46	892
दिनांक Date	01.08.23	18.12.14	31.08.18	14.09.22	15.08.25	21.08.25

HYDRO ENERGY DURING THE MONTH OF AUGUST' 2025



7. राष्ट्रीय स्तर पर पवन ऊर्जा उत्पादन
WIND GENERATION AT NATIONAL LEVEL
माह: अगस्त 2025 MONTH:- AUGUST 2025
सभी आंकड़े मिलियन यूनिट में All figures in MU

दिनांक Date	उत्तरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वतर क्षे. NER	अखिल भारतीय All India
01-Aug-25	27	207	172	-----	-----	407
02-Aug-25	54	163	138	-----	-----	356
03-Aug-25	39	124	105	-----	-----	268
04-Aug-25	50	130	79	-----	-----	259
05-Aug-25	59	146	110	-----	-----	315
06-Aug-25	49	119	116	-----	-----	284
07-Aug-25	40	99	129	-----	-----	268
08-Aug-25	49	111	90	-----	-----	250
09-Aug-25	30	112	76	-----	-----	218
10-Aug-25	29	118	111	-----	-----	259
11-Aug-25	45	149	158	-----	-----	352
12-Aug-25	54	177	206	-----	-----	437
13-Aug-25	23	115	230	-----	-----	368
14-Aug-25	7	43	234	-----	-----	284
15-Aug-25	4	58	271	-----	-----	333
16-Aug-25	10	63	302	-----	-----	374
17-Aug-25	9	73	307	-----	-----	389
18-Aug-25	10	77	311	-----	-----	399
19-Aug-25	16	117	306	-----	-----	439
20-Aug-25	22	140	250	-----	-----	412
21-Aug-25	10	188	143	-----	-----	341
22-Aug-25	20	265	125	-----	-----	409
23-Aug-25	35	294	163	-----	-----	491
24-Aug-25	18	303	203	-----	-----	523
25-Aug-25	13	228	159	-----	-----	399
26-Aug-25	20	133	239	-----	-----	392
27-Aug-25	15	94	258	-----	-----	367
28-Aug-25	13	93	265	-----	-----	371
29-Aug-25	13	78	251	-----	-----	342
30-Aug-25	12	78	246	-----	-----	335
31-Aug-25	16	143	250	-----	-----	409
कुल TOTAL	810	4239	6001	-----	-----	11051
उच्चतम MAXIMUM	59	303	311	-----	-----	523
निम्नतम MINIMUM	4	43	76	-----	-----	218
औसत AVERAGE	26	137	194	-----	-----	356
संचयी 2025-26 Cumulative 2025-26	4124	23381	26539	-----	-----	54045
अब तक का उच्चतम All Time Max.	86	319	342	-----	-----	673
दिनांक Date	07.08.23	29.07.25	26.07.25	-----	-----	29.07.25

*Source: As reported by SLDCs. Limited visibility of embedded wind generator data.

8. राष्ट्रीय स्तर पर सौर ऊर्जा उत्पादन
SOLAR GENERATION AT NATIONAL LEVEL

माह: अगस्त 2025 MONTH:- AUGUST 2025

सभी आंकड़े मिलियन यूनिट में All figures in MU

दिनांक Date	ऊतरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	अखिल भारतीय All India
01-Aug-25	106	112	130	2.9	0.9	351
02-Aug-25	213	111	134	2.8	0.5	460
03-Aug-25	217	124	115	2.9	0.5	460
04-Aug-25	202	117	124	3.0	1.3	447
05-Aug-25	210	124	121	3.3	0.9	459
06-Aug-25	197	129	142	2.8	0.9	472
07-Aug-25	223	144	119	2.5	0.5	489
08-Aug-25	214	125	112	1.7	0.4	452
09-Aug-25	194	120	114	2.7	0.7	431
10-Aug-25	193	125	111	3.5	0.6	433
11-Aug-25	208	136	109	3.1	0.5	456
12-Aug-25	165	134	104	3.4	0.3	407
13-Aug-25	170	94	80	2.6	0.3	347
14-Aug-25	155	107	109	2.5	0.8	374
15-Aug-25	170	105	115	2.7	1.0	394
16-Aug-25	182	101	110	3.3	1.0	397
17-Aug-25	187	115	83	3.1	0.9	389
18-Aug-25	190	127	89	2.7	1.0	410
19-Aug-25	148	109	105	2.1	0.7	364
20-Aug-25	189	95	130	2.8	0.8	418
21-Aug-25	138	96	147	2.2	0.8	384
22-Aug-25	189	88	131	1.0	1.0	411
23-Aug-25	132	95	130	1.8	0.9	360
24-Aug-25	65	77	143	1.8	0.9	288
25-Aug-25	136	96	150	2.1	0.9	385
26-Aug-25	174	106	129	2.7	1.0	413
27-Aug-25	182	116	101	3.4	1.2	403
28-Aug-25	191	107	111	3.0	0.7	412
29-Aug-25	158	104	131	3.2	0.7	397
30-Aug-25	98	102	145	3.6	0.6	349
31-Aug-25	82	92	126	2.9	1.0	303
कुल TOTAL	5278	3434	3698	84	24	12518
उच्चतम MAXIMUM	223	144	150	3.6	1.3	489
निम्नतम MINIMUM	65	77	80	1.0	0.3	288
औसत AVERAGE	170	111	119	2.7	0.8	404
संचयी 2025-26 Cumulative 2025-26	28364	18388	18618	463	129.0	65962
अब तक का उच्चतम All Time Max.	228	160	156	5.7	3.5	534
दिनांक Date	22.04.25	24.04.25	06.03.25	18.03.25	08.09.24	23.04.25

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

९. राष्ट्रीय स्तर पर दैनिक अधिकतम विद्युत मांग आपूर्ति
DAILY MAXIMUM DEMAND MET AT NATIONAL LEVEL

माह: अगस्त 2025 MONTH:- AUGUST 2025

सभी आंकड़े मेगावाट में All figures in MW

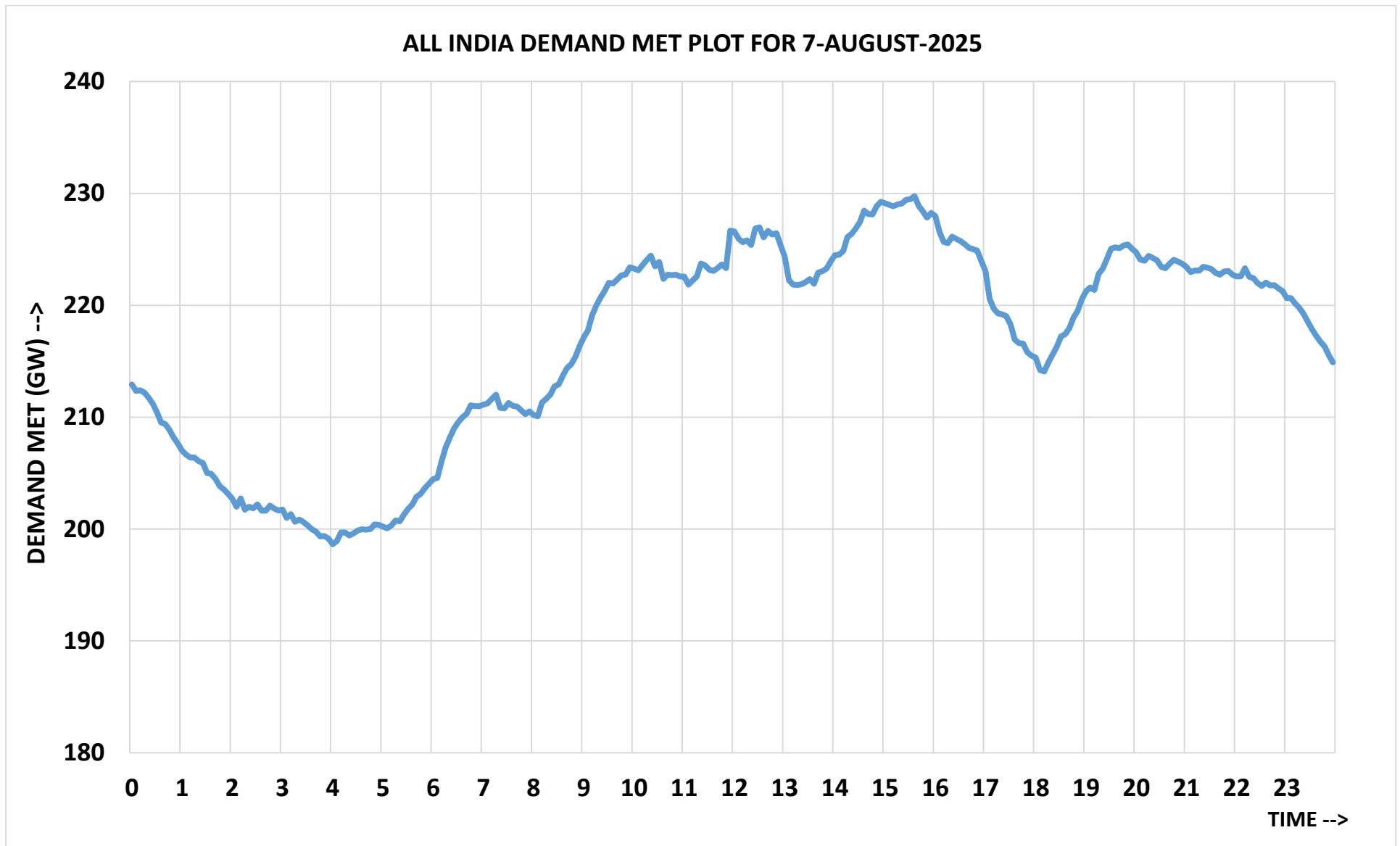
दिनांक Date	ऊतरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	अखिल भारतीय All India	विभिन्नता फैक्टर Diversity Factor*
01-Aug-25	72049	63363	63352	29040	3786	218356	1.061
02-Aug-25	74983	64270	62442	29135	3541	220514	1.063
03-Aug-25	72646	61991	58459	28367	3224	209454	1.073
04-Aug-25	71989	66638	60593	28180	3478	220805	1.046
05-Aug-25	70994	67507	57776	28457	3623	222614	1.026
06-Aug-25	74728	68823	55648	28542	3803	224669	1.031
07-Aug-25	79174	70366	56072	28085	3760	229715	1.034
08-Aug-25	77434	70550	54604	27773	3588	228304	1.025
09-Aug-25	74268	63905	51705	28391	3582	210483	1.054
10-Aug-25	75711	63400	46666	29285	3444	208982	1.046
11-Aug-25	77453	68674	49078	30880	3665	224830	1.022
12-Aug-25	79034	69027	49895	31064	3560	224923	1.034
13-Aug-25	80497	69720	49078	30836	3355	221879	1.052
14-Aug-25	76312	67190	48467	29904	3610	217569	1.036
15-Aug-25	73076	60588	45417	28965	3508	201376	1.051
16-Aug-25	76401	58318	47389	31378	3733	210682	1.031
17-Aug-25	76093	58732	45654	30721	3614	204582	1.050
18-Aug-25	79630	62267	46220	29198	3791	216102	1.023
19-Aug-25	81006	61558	47319	28998	3838	219126	1.016
20-Aug-25	79500	60284	49506	29182	3787	217540	1.022
21-Aug-25	78912	62212	52336	28429	3534	218531	1.032
22-Aug-25	79472	60055	56369	27747	3695	219062	1.038
23-Aug-25	76018	58963	56393	27529	3700	213820	1.041
24-Aug-25	71512	57280	52943	26763	3396	196697	1.077
25-Aug-25	64971	61587	59107	28986	3775	211011	1.035
26-Aug-25	66304	61742	60858	29516	3917	211723	1.050
27-Aug-25	71390	59083	54278	29786	3710	205572	1.062
28-Aug-25	75009	63258	52128	29504	3674	215453	1.038
29-Aug-25	71103	63153	51423	29747	3633	215236	1.018
30-Aug-25	71209	63480	52721	29161	3596	215970	1.019
31-Aug-25	67299	59705	51959	29562	3578	199160	1.065
उच्चतम MAXIMUM	81006	70550	63352	31378	3917	229715	1.077
निम्नतम MINIMUM	64971	57280	45417	26763	3224	196697	1.016
औसत AVERAGE	74715	63474	53092	29132	3629	215314	1.041
अब तक का उच्चतम All Time Max.	91215	80000	69942	33452	4101	250070	
दिनांक Date	19.06.24	08.02.25	21.03.25	23.07.25	23.07.25	30.05.24	

* Diversity factor = (Sum of regional max demands) / All India max demand

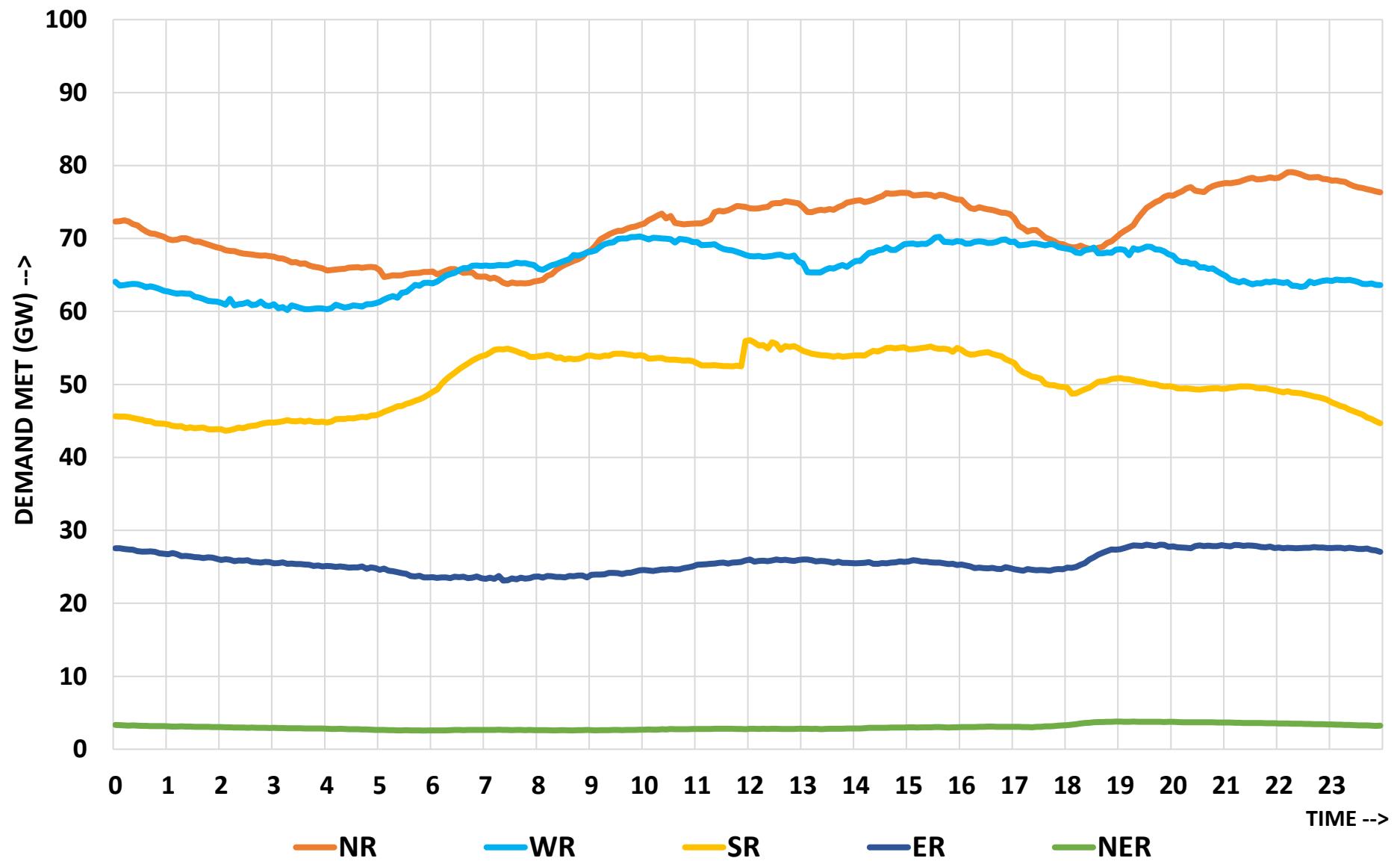
नोट : यह आंकड़े एनएलडीसी स्काडा प्रणाली में दर्ज दैनिक अधिकतम मांगपूर्ति दर्शाते हैं।

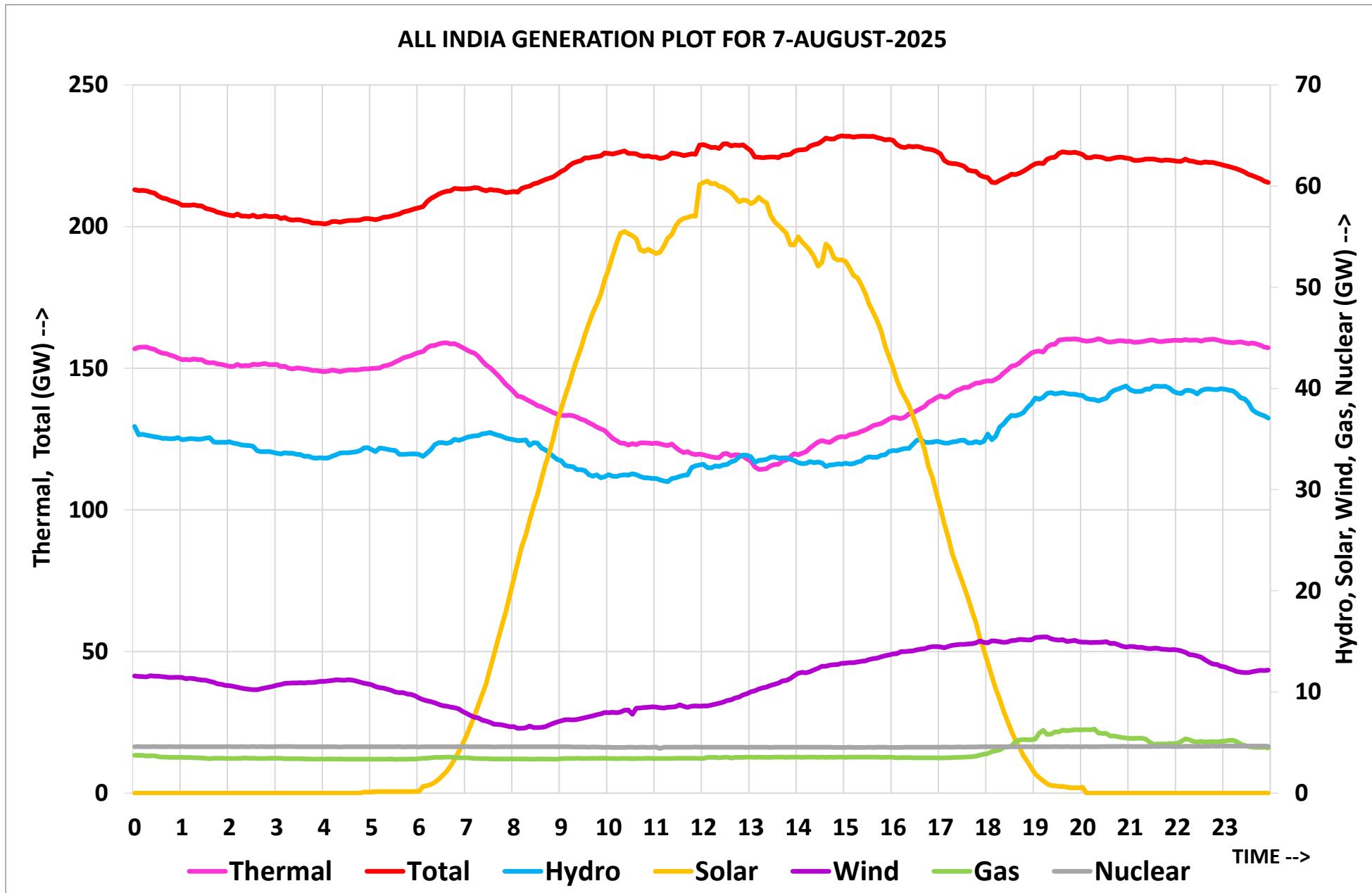
Note: The above figures denote daily maximum demand met recorded in NLDC SCADA .

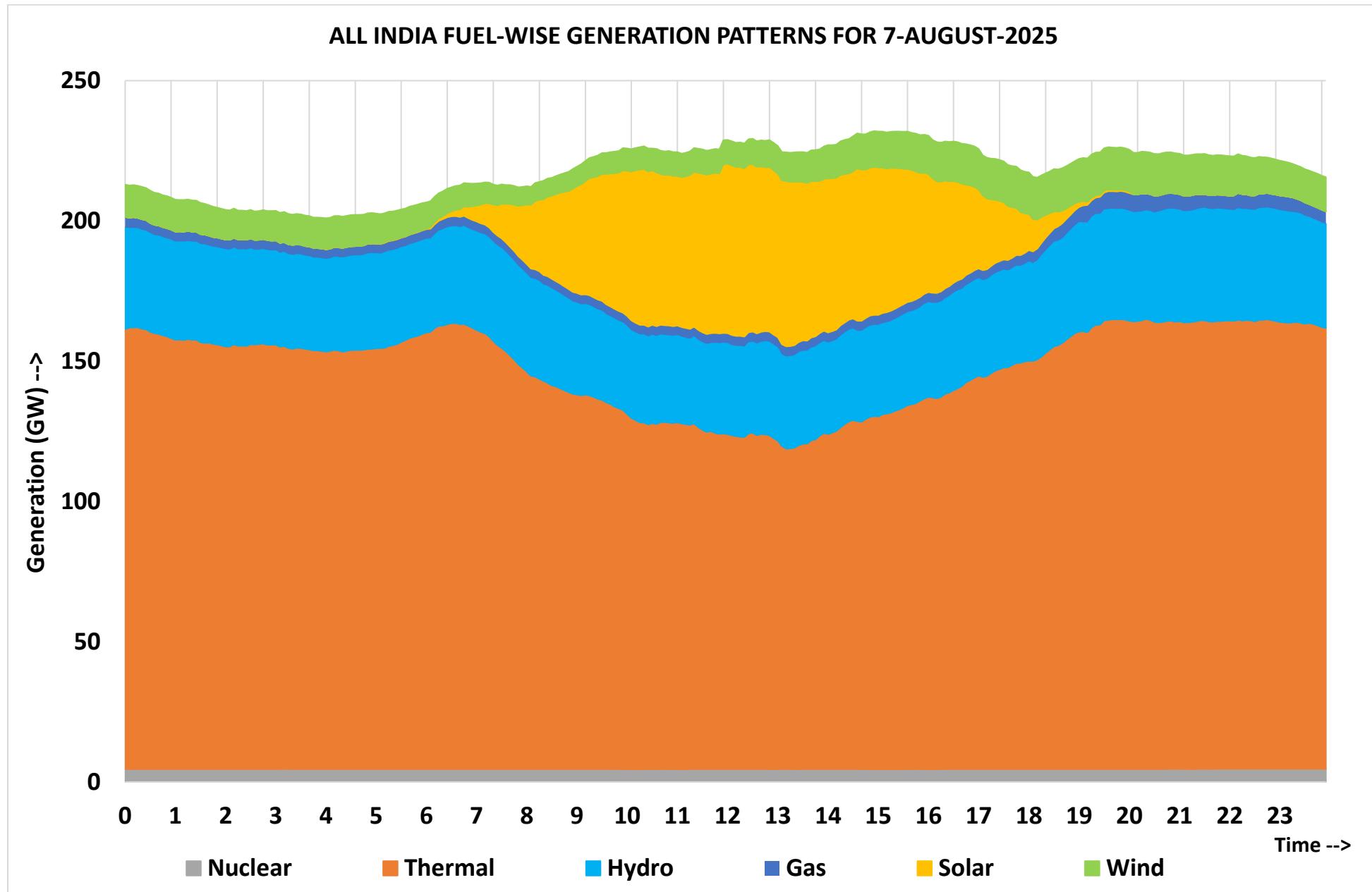
10. DEMAND AND GENERATION PLOTS FOR 07th AUGUST (MAXIMUM DEMAND MET)



REGIONAL DEMAND MET PLOT FOR 7-AUGUST-2025







7 अगस्त 2025 (अधिकतम माँग*) की अखिल भारतीय माँग आपूर्ति
ALL INDIA DEMAND MET FOR 07 AUGUST 2025 (MAXIMUM DEMAND*)

समय Time	अखिल भारतीय माँग आपूर्ति (मे.वा.) All India Demand Met(MW)	समय Time	अखिल भारतीय माँग आपूर्ति (मे.वा.) All India Demand Met(MW)
00:05	212348	12:05	225945
00:20	211742	12:20	225389
00:35	209529	12:35	226079
00:50	208178	12:50	226448
01:05	206646	13:05	222241
01:20	206048	13:20	221877
01:35	204930	13:35	221920
01:50	203531	13:50	223277
02:05	201994	14:05	224517
02:20	201988	14:20	226386
02:35	201630	14:35	228449
02:50	201828	14:50	228841
03:05	200997	15:05	228966
03:20	200846	15:20	229095
03:35	199985	15:35	229715
03:50	199373	15:50	227831
04:05	198921	16:05	226516
04:20	199412	16:20	226127
04:35	199982	16:35	225469
04:50	200415	16:50	224890
05:05	200064	17:05	220527
05:20	200687	17:20	219176
05:35	202171	17:35	216919
05:50	203661	17:50	215812
06:05	204565	18:05	214204
06:20	208162	18:20	215592
06:35	209982	18:35	217409
06:50	210986	18:50	219505
07:05	211220	19:05	221590
07:20	210823	19:20	223275
07:35	211012	19:35	225179
07:50	210270	19:50	225433
08:05	210075	20:05	224080
08:20	211999	20:20	224230
08:35	213712	20:35	223316
08:50	215386	20:50	223887
09:05	217760	21:05	222959
09:20	220677	21:20	223426
09:35	221940	21:35	222886
09:50	222761	21:50	223061
10:05	223127	22:05	222591
10:20	224437	22:20	222418
10:35	222367	22:35	222036
10:50	222737	22:50	221516
11:05	221848	23:05	220634
11:20	223735	23:20	219250
11:35	223065	23:35	217252
11:50	223307	23:50	215541

अधिकतम 229715 मेगावॉट माँग की आपूर्ति 15:35 बजे की गई (1-मिनट SCADA डेटा के अनुसार)

Maximum Demand of 229715 MW met@ 15:35 hrs (from 1 min. interval SCADA DATA)

* 15 minute interval SCADA DATA of instanteneous demand

11. विद्युत आपूर्ति की वास्तविक स्थिति - अगस्त 2025

11. ACTUAL POWER SUPPLY POSITION - AUGUST 2025

क्षेत्र REGION	राज्य STATE	दैनिक ऊर्जा आवश्यकता एवं आपूर्ति (मि. घ./दिन) Energy Requirement & Met (MU/Day)			ऊर्जा आवश्यकता एवं आपूर्ति (मि. घ.) Energy Requirement & Met (MU)			अधिकतम माँग/अधिकतम माँग आपूर्ति (मेरोवांट) Peak Demand/Peak Demand Met in MW				
		ऊर्जा आवश्यकता Energy Requirement	ऊर्जा आपूर्ति Energy met	अतिरिक्त (+)/ अभाव (-) Surplus(+)/ Deficit(-)	ऊर्जा आवश्यकता Energy Requirement	ऊर्जा आपूर्ति Energy met	अतिरिक्त (+)/ अभाव (-) Surplus(+)/ Deficit(-)	% अभाव % Shortage	अधिकतम माँग Peak Demand	अधिकतम माँग Peak Demand Met	अतिरिक्त (+)/ अभाव (-) Surplus(+)/ Deficit(-)	% अभाव % Shortage
उत्तर NR	चंडीगढ़ Chandigarh	6	6	0.0	196	196	0	0.0	357	357	0	0.0
	दिल्ली Delhi	128	128	0.0	3975	3975	0	0.0	7050	7050	0	0.0
	हरियाणा Haryana	229	229	-0.1	7094	7092	-2	0.0	13010	13010	0	0.0
	हिमाचल प्रदेश Himachal Pradesh	35	35	-0.1	1083	1079	-4	-0.3	1888	1888	0	0.0
	जम्मू और कश्मीर एवं लद्दाख J&K(UT) and Ladakh(UT)	48	48	-0.1	1493	1490	-3	-0.2	2726	2726	0	0.0
	ਪंजाब Punjab	272	272	0.0	8422	8422	0	0.0	16310	16310	0	0.0
	राजस्थान Rajasthan	319	319	0.0	9902	9902	0	0.0	17607	17607	0	0.0
	उत्तर प्रदेश Uttar Pradesh	520	520	0.0	16115	16115	0	0.0	30292	30292	0	0.0
	उत्तराखण्ड Uttarakhand	47	47	-0.4	1470	1458	-11	-0.8	2510	2355	-155	-6.2
	रेलवे_उत्तर Railway_NR ISTS	4	4	0.0	129	129	0	0.0	233	233	0	0.0
पूर्व WR	एन.एफ.एल. NFL	0	0	0.0	2	2	0	0.0	5	5	0	0.0
	कुल TOTAL	1609	1608	-0.7	49880	49860	-21	0.0	80688	80688	0	0.0
	गुजरात Gujarat	434	434	0.0	13465	13465	0	0.0	24998	24937	-61	-0.2
	मध्य प्रदेश Madhya Pradesh	258	258	0.0	8005	8005	0	0.0	12869	12869	0	0.0
	छत्तीसगढ़ Chhattisgarh	129	129	0.0	4014	4013	-1	0.0	6487	6480	-7	-0.1
	महाराष्ट्र Maharashtra	526	526	0.0	16295	16295	0	0.0	26890	26731	-159	-0.6
	गोवा Goa	14	14	0.0	428	428	0	0.0	718	718	0	0.0
	दादरा और नगर हवेली चंद्र दमन और दीव DNHDDPDCCL	30	30	0.0	940	940	0	0.0	1396	1396	0	0.0
	आ.मि.नि.स.इ.लि. AMNSIL	18	18	0.0	566	566	0	0.0	889	889	0	0.0
	आ.ए.कं.लि. BALCO	13	13	0.0	393	393	0	0.0	537	537	0	0.0
दूर SR	रिल.इ.लि. जामनगर RIL JAMNAGAR	6	6	0.0	175	175	0	0.0	253	253	0	0.0
	कुल TOTAL	1428	1428	0.0	44281	44280	-1	0.0	70779	70779	0	0.0
	आंध्र प्रदेश Andhra Pradesh	219	219	0.0	6796	6796	0	0.0	12879	12879	0	0.0
	तेलंगाना Telangana	243	243	0.0	7542	7542	0	0.0	16613	16613	0	0.0
	कर्नाटक Karnataka	215	215	0.0	6664	6663	-1	0.0	14700	14700	0	0.0
	केरल Kerala	80	80	0.0	2475	2475	0	0.0	4399	4399	0	0.0
	तमिलनाडु Tamil Nadu	364	364	0.0	11271	11271	0	0.0	19275	19275	0	0.0
पूर्व ER	पुरुचेरी Puducherry	10	10	0.0	304	304	0	0.0	506	506	0	0.0
	कुल TOTAL	1131	1131	0.0	35053	35052	-1	0.0	63362	63362	0	0.0
	बिहार Bihar	155	155	-0.1	4800	4799	-2	0.0	8327	8327	0	0.0
	झारखण्ड Jharkhand	44	44	0.0	1358	1357	-1	-0.1	2330	2330	0	0.0
	दा.घा.नि. DVC	69	69	0.0	2127	2127	-1	0.0	3335	3335	0	0.0
	ओडिशा Odisha	137	137	0.0	4253	4253	0	0.0	7302	7302	0	0.0
	पश्चिम बंगाल West Bengal	217	217	0.0	6738	6738	0	0.0	11451	11451	0	0.0
उत्तर NER	सिक्किम Sikkim	1	1	0.0	38	38	0	0.0	94	94	0	0.0
	रेलवे_पूर्व Railways_ER ISTS	0	0	0.0	5	5	0	0.0	29	29	0	0.0
	कुल TOTAL	623	623	-0.1	19319	19315	-3	0.0	31471	31471	0	0.0
	अरुणाचल प्रदेश Arunachal Pradesh	4	4	0.0	116	116	0	0.0	221	221	0	0.0
	असम Assam	46	46	0.0	1439	1439	0	0.0	2582	2582	0	0.0
	मणिपुर Manipur	3	3	0.0	95	95	0	0.0	233	233	0	0.0
	मेघालय Meghalaya	5	5	0.0	169	169	0	0.0	350	350	0	0.0
उत्तर NER	मिजोरम Mizoram	2	2	0.0	63	63	0	0.0	144	144	0	0.0
	नागालैंड Nagaland	3	3	0.0	95	95	0	0.0	190	190	0	0.0
	त्रिपुरा Tripura	6	6	0.0	181	181	0	0.0	362	362	0	0.0
	कुल TOTAL	70	70	0.0	2157	2157	0	0.0	3922	3922	0	0.0
	अखिल भारतीय ALL INDIA	4861	4860	-0.8	150690	150664	-26	0.0				

नोट: इकाइयां द्वारा प्रस्तुत किए गए ऑक्सीजन पर आधारित
NOTE: BASED ON THE DATA FURNISHED BY ENTITIES

12. अगस्त 2025 और अगस्त 2024 की ऊर्जा तुलना
12. ENERGY COMPARISON OF AUGUST 2025 vs AUGUST 2024

क्षेत्र REGION	राज्य STATE	ऊर्जा आवश्यकता (मि.यू.) Energy Requirement (MU)					ऊर्जा आपूर्ति (मि.यू.) Energy Met (MU)				
		अगस्त-24 August-24	अगस्त-25 August-25	अंतर Difference	%परिवर्तन % Change	दैनिक औसत मि.यू.-अगस्त-25 Average MU/day for August-25	अगस्त-24 August-24	अगस्त-25 August-25	अंतर Difference	%परिवर्तन % Change	दैनिक औसत मि.यू.-अगस्त-25 Average MU/day for August-25
उत्तरों NR	चंडीगढ़ Chandigarh	214	196	-18	-8	6	214	196	-18	-8	6
	दिल्ली Delhi	3954	3975	21	1	128	3954	3975	21	1	128
	हरियाणा Haryana	7212	7094	-118	-2	229	7212	7092	-121	-2	229
	हिमाचल प्रदेश Himachal Pradesh	1073	1083	10	1	35	1073	1079	6	1	35
	जम्मू और कश्मीर एवं लद्दाख J&K(UT) and Ladakh(UT)	1550	1493	-57	-4	48	1546	1490	-56	-4	48
	पंजाब Punjab	9291	8422	-869	-9	272	9291	8422	-869	-9	272
	राजस्थान Rajasthan	7790	9902	2112	27	319	7790	9902	2112	27	319
	उत्तर प्रदेश Uttar Pradesh	16252	16115	-137	-1	520	16245	16115	-129	-1	520
	उत्तराखण्ड Uttarakhand	1669	1470	-200	-12	47	1668	1458	-210	-13	47
पश्चिमों WR	रेलवे_उत्तरों_अ.रा.प्र./एन.एफ.एल. Railway_NR ISTS/NFL	130	131	1	1	4	130	131	1	1	4
	कुल TOTAL	49135	49880	745	2	1609	49123	49860	737	1	1608
	गुजरात Gujarat	11825	13465	1639	14	434	11825	13465	1639	14	434
	मध्य प्रदेश Madhya Pradesh	7252	8005	753	10	258	7221	8005	784	11	258
	छत्तीसगढ़ Chhattisgarh	3303	4014	711	22	129	3300	4013	712	22	129
	महाराष्ट्र Maharashtra	15647	16295	648	4	526	15636	16295	658	4	526
	गोवा Goa	428	428	1	0	14	427	428	1	0	14
	दादरा और नगर हावड़ी एवं दमन और दीवा DNHDDPDCL	896	940	43	5	30	896	940	43	5	30
	आ.मि.नि.स.इ.लि. AMNSIL	564	566	2	0	18	564	566	2	0	18
दृष्टी SR	भा.ए.कं.लि. BALCO	389	393	5	1	13	389	393	5	1	13
	रि.इ.लि. जामनगर RIL JAMNAGAR	-	175	-	-	-	175	-	-	-	-
	कुल TOTAL	40304	44281	3976	10	1428	40260	44280	4020	10	1428
	आंध्र प्रदेश Andhra Pradesh	6353	6796	443	7	219	6353	6796	443	7	219
	तेलंगाना Telangana	6949	7542	593	9	243	6949	7542	593	9	243
	कर्नाटक Karnataka	6411	6664	253	4	215	6411	6663	252	4	215
	केरल Kerala	2363	2475	112	5	80	2363	2475	112	5	80
	तमिलनाडु Tamil Nadu	11135	11271	136	1	364	11135	11271	136	1	364
	पुदुच्चेरी Puducherry	318	304	-13	-4	10	318	304	-14	-4	10
पूर्वों ER	कुल TOTAL	33529	35053	1524	5	1131	33529	35052	1523	5	1131
	बिहार Bihar	4412	4800	388	9	155	4405	4799	393	9	155
	झारखण्ड Jharkhand	1278	1358	80	6	44	1275	1357	81	6	44
	दा.घा.नि. DVC	2168	2127	-41	-2	69	2168	2127	-41	-2	69
	ओडिशा Odisha	3647	4253	606	17	137	3647	4253	606	17	137
	पश्चिम बंगाल West Bengal	6428	6738	309	5	217	6428	6738	309	5	217
	सिक्किम Sikkim	37	38	1	2	1	37	38	1	2	1
	रेलवे_पूर्वों_अ.रा.प्र. Railways_ER ISTS	4	5	0	7	0	4	5	0	7	0
	कुल TOTAL	17975	19319	1343	7	623	17966	19315	1349	8	623
उत्तरांचल NER	अरुणाचल प्रदेश Arunachal Pradesh	99	116	17	17	4	99	116	17	17	4
	असम Assam	1379	1439	60	4	46	1376	1439	64	5	46
	मणिपुर Manipur	74	95	21	28	3	74	95	21	28	3
	मेघालय Meghalaya	173	169	-3	-2	5	173	169	-3	-2	5
	मिजोरम Mizoram	54	63	9	17	2	54	63	9	17	2
	नागालैंड Nagaland	80	95	14	18	3	80	95	14	18	3
	त्रिपुरा Tripura	210	181	-29	-14	6	210	181	-29	-14	6
	कुल TOTAL	2069	2157	89	4	70	2065	2157	92	4	70
	अखिल भारतीय ALL INDIA	143013	150690	7677	5	4861	142943	150664	7721	5	4860

13. अगस्त 2025 और अगस्त 2024 की अधिकतम मांग की तुलना

13. PEAK DEMAND COMPARISON OF AUGUST 2025 vs AUGUST 2024

क्षेत्र REGION	राज्य STATE	अधिकतम मांग (मेगावाट) Peak Demand (MW)				अधिकतम मांग आपूर्ति (मेगावाट) Peak Demand Met (MW)			
		अगस्त-24 August-24	अगस्त-25 August-25	अंतर Difference	%परिवर्तन % Change	अगस्त-24 August-24	अगस्त-25 August-25	अंतर Difference	%परिवर्तन % Change
उत्तर NR	चंडीगढ़ Chandigarh	418	357	-61	-14.6	418	357	-61	-14.6
	दिल्ली Delhi	6890	7050	160	2.3	6890	7050	160	2.3
	हरियाणा Haryana	12703	13010	307	2.4	12703	13010	307	2.4
	हिमाचल प्रदेश Himachal Pradesh	1732	1888	156	9.0	1732	1888	156	9.0
	जम्मू और कश्मीर एवं लद्दाख J&K(UT) and Ladakh(UT)	2726	2726	0	0.0	2624	2726	102	3.9
	ਪंजाब Punjab	15307	16310	1003	6.6	15307	16310	1003	6.6
	राजस्थान Rajasthan	13409	17607	4198	31.3	13409	17607	4198	31.3
	उत्तर प्रदेश Uttar Pradesh	29126	30292	1166	4.0	29126	30292	1166	4.0
	उत्तराखण्ड Uttarakhand	2482	2510	28	1.1	2452	2355	-97	-4.0
पश्चिम WR	रेलवे_उत्तर-राज्य/एन.एफ.एल. Railway_NR ISTS/NFL	233	237	4	1.8	233	237	4	1.8
	गुजरात Gujarat	21918	24998	3080	14	21918	24937	3019	13.8
	मध्य प्रदेश Madhya Pradesh	11822	12869	1047	9	11822	12869	1047	8.9
	छत्तीसगढ़ Chhattisgarh	5478	6487	1009	18	5478	6480	1002	18.3
	महाराष्ट्र Maharashtra	28074	26890	-1184	-4	25855	26731	876	3.4
	गोवा Goa	690	718	28	4	690	718	28	4.1
	दादरा और नगर हवेली एवं दमन और दीव DNHDPDCL	1321	1396	75	5.7	1321	1396	75	5.7
	आ.मि.नि.सं.इ.लि. AMNSIL	899	889	-11	-1.2	899	889	-11	-1.2
	आ.ए.कं.लि. BALCO	559	537	-22	-3.9	559	537	-22	-3.9
	रिंड.लि. जामनगर RIL JAMNAGAR	-	253	-	-	-	253	-	-
दक्षिण SR	आंध्र प्रदेश Andhra Pradesh	11825	12879	1054	8.9	11825	12879	1054	8.9
	तेलंगाना Telangana	15593	16613	1020	6.5	15573	16613	1040	6.7
	कर्नाटक Karnataka	12594	14700	2106	16.7	12580	14700	2120	16.9
	केरल Kerala	4262	4399	137	3.2	4262	4399	137	3.2
	तमिलनाडु Tamil Nadu	18053	19275	1222	6.8	18047	19275	1228	6.8
	पुदुच्चेरी Puducherry	517	506	-11	-2.2	517	506	-11	-2.1
पूर्व ER	बिहार Bihar	7905	8327	422	5.3	7815	8327	512	6.6
	झारखण्ड Jharkhand	2182	2330	148	6.8	2182	2330	148	6.8
	दा.धा.नि. DVC	3436	3335	-101	-2.9	3436	3335	-101	-2.9
	ओडिशा Odisha	6020	7302	1282	21.3	6020	7302	1282	21.3
	पश्चिम बंगाल West Bengal	10707	11451	744	6.9	10707	11451	744	6.9
	सिक्किम Sikkim	104	94	-10	-9.6	104	94	-10	-9.6
	रेलवे_पूर्व-राज्य/एन.एफ.एल. Railways_ER ISTS	29	29	0	0.0	29	29	0	0.0
उत्तरपूर्व NER	अरुणाचल प्रदेश Arunachal Pradesh	195	221	26	13.3	195	221	26	13.3
	असम Assam	2617	2582	-35	-1.3	2617	2582	-35	-1.3
	मणिपुर Manipur	214	233	19	8.9	214	233	19	8.9
	मेघालय Meghalaya	346	350	4	1.2	346	350	4	1.2
	मिजोरम Mizoram	152	144	-8	-5.3	152	144	-8	-5.3
	नागालैंड Nagaland	183	190	7	3.8	183	190	7	3.8
	त्रिपुरा Tripura	341	362	21	6.2	341	362	21	6.2

14. राज्यों/घटकों के शेड्यूल ड्रॉअल एवं ऐक्चुअल ड्रॉअल - अगस्त 2025

14. SCHEDULE DRAWAL & ACTUAL DRAWAL OF CONSTITUENTS - AUGUST 2025

क्षेत्र REGION	राज्य STATE	शेड्यूल ड्रॉअल (मि.य.) Schedule Drawal (MU)	ऐक्चुअल ड्रॉअल (मि.य.) Actual Drawal (MU)	ओवरड्रॉअल(+)/ अंडरड्रॉअल(-) Over drawal(+)/ Under Drawal(-) (MU)	% ओ.ड्रॉ / अं.ड्रॉ. % OD / UD	शेड्यूल ड्रॉअल (मि.य./दिन) Schedule Drawal (MU/DAY)	ऐक्चुअल ड्रॉअल (मि.य./दिन) Actual Drawal (MU/DAY)	ओवरड्रॉअल(+)/ अंडरड्रॉअल(-) Over drawal(+)/ Under Drawal(-) (MU/DAY)
उत्तरों NR	चंडीगढ़ Chandigarh	194.72	199.11	4.39	2.25	6.28	6.42	0.14
	दिल्ली Delhi	3722.06	3698.13	-23.93	-0.64	120.07	119.29	-0.77
	हरियाणा Haryana	5491.86	5441.08	-50.78	-0.92	177.16	175.52	-1.64
	हिमाचल प्रदेश Himachal Pradesh	-102.76	-100.01	2.75	-2.68	-3.31	-3.23	0.09
	जम्मू और कश्मीर एवं लद्दाख J&K(UT) and Ladakh(UT)	856.34	817.04	-39.30	-4.59	27.62	26.36	-1.27
	पंजाब Punjab	5056.27	4944.89	-111.38	-2.20	163.11	159.51	-3.59
	राजस्थान Rajasthan	4288.43	4156.26	-132.17	-3.08	138.34	134.07	-4.26
	उत्तर प्रदेश Uttar Pradesh	6948.21	6945.87	-2.34	-0.03	224.14	224.06	-0.08
	उत्तराखण्ड Uttarakhand	815.34	840.49	25.15	3.08	26.30	27.11	0.81
	रेलवे_उत्तरों.आ.प्र.प्र. Railway_NR ISTS	117.52	128.53	11.00	9.36	3.79	4.15	0.35
पश्चिमों WR	एन.एफ.एल. NFL	2.54	2.49	-0.05	-1.95	0.08	0.08	0.00
	कुल TOTAL	27390.53	27073.88	-316.65	-1.16	883.57	873.35	-10.21
	गुजरात Gujarat	5383.57	5316.07	-67.50	-1.25	173.66	171.49	-2.18
	मध्य प्रदेश Madhya Pradesh	3832.03	3815.37	-16.66	-0.43	123.61	123.08	-0.54
	छत्तीसगढ़ Chhattisgarh	2409.73	2389.92	-19.81	-0.82	77.73	77.09	-0.64
	महाराष्ट्र Maharashtra	5755.47	5680.77	-74.70	-1.30	185.66	183.25	-2.41
	गोवा Goa	352.25	416.23	63.98	18.16	11.36	13.43	2.06
	दादरा और नगर हालेरी एवं दानान और ठोंडा DHNDDPCL	939.25	939.68	0.43	0.05	30.30	30.31	0.01
	आ.प्रि.नि.सु.के.प्रि. AMNSIL	314.66	325.11	10.45	3.32	10.15	10.49	0.34
	आ.ए.के.प्रि. BALCO	393.28	393.32	0.04	0.01	12.69	12.69	0.00
दक्षिणों SR	रिल.इ. जमनगर RIL JAMNAGAR	177.24	175.17	-2.07	-1.17	5.72	5.65	-0.07
	कुल TOTAL	19557.48	19451.65	-105.83	-0.54	630.89	627.47	-3.41
	आंध्र प्रदेश Andhra Pradesh	1136.24	1106.44	-29.80	-2.62	36.65	35.69	-0.96
	तेलंगाना Telangana	2927.47	2921.17	-6.30	-0.22	94.43	94.23	-0.20
	कर्नाटक Karnataka	1039.88	1007.54	-32.34	-3.11	33.54	32.50	-1.04
	केरल Kerala	1206.56	1166.40	-40.16	-3.33	38.92	37.63	-1.30
	तमिळनाडु Tamil Nadu	4351.54	4327.80	-23.74	-0.55	140.37	139.61	-0.77
	पुदुचर्या Puducherry	287.47	285.32	-2.15	-0.75	9.27	9.20	-0.07
	गोा (SR)	63.39	64.31	0.92	1.45	2.04	2.07	0.03
	कुल TOTAL	11012.55	10878.98	-133.57	-1.21	355.24	350.93	-4.31
पूर्वों ER	बिहार Bihar	4550.96	4472.22	-78.74	-1.73	146.81	144.27	-2.54
	झारखण्ड Jharkhand	1049.91	1070.37	20.46	1.95	33.87	34.53	0.66
	दा.धा.नि. DVC	-1044.37	-1048.57	-4.20	0.40	-33.69	-33.82	-0.14
	ओडिशा Odisha	1659.56	1628.64	-30.92	-1.86	53.53	52.54	-1.00
	पश्चिम बंगाल West Bengal	2745.03	2674.66	-70.37	-2.56	88.55	86.28	-2.27
	सिक्किम Sikkim	38.23	38.02	-0.21	-0.55	1.23	1.23	-0.01
	रेलवे_पू.के.आ.प्र.प्र. Railways_ER ISTS	4.44	4.62	0.18	3.95	0.14	0.15	0.01
	कुल TOTAL	9003.77	8839.96	-163.81	-1.82	290.44	285.16	-5.28
	अरुणाचल प्रदेश Arunachal Pradesh	109.58	101.42	-8.16	-7.45	3.53	3.27	-0.26
	असम Assam	1233.73	1244.11	10.38	0.84	39.80	40.13	0.33
उत्तरों NER	मणिपुर Manipur	98.80	94.72	-4.08	-4.13	3.19	3.06	-0.13
	मेघालय Meghalaya	46.89	36.52	-10.37	-22.12	1.51	1.18	-0.33
	मिजोरम Mizoram	26.01	16.92	-9.09	-34.94	0.84	0.55	-0.29
	नागालैंड Nagaland	86.22	81.18	-5.04	-5.84	2.78	2.62	-0.16
	त्रिपुरा Tripura	146.90	147.98	1.08	0.74	4.74	4.77	0.03
	कुल TOTAL	1748.13	1722.85	-25.28	-1.45	56.39	55.58	-0.82
	अधिकार भारतीय ALL INDIA	68712.46	67967.31	-745.14	-1.08	2216.53	2192.49	-24.04

15. INTER REGIONAL EXCHANGES 2025-26

(All figures in MU)

	Apr'25	May'25	June'25	July'25	Aug'25	Fin. Year 2025-26
Name of Line						
Import of NR from WR (WR-NR)						
WR - NR HVDC Champa- Kurukshetra	1382.87	2023.40	2254.66	2061.89	1829.09	9551.91
WR - NR HVDC VindhyaChal	16.65	119.23	79.22	18.92	164.94	398.96
WR - NR HVDC Mundra - M'garh	896.71	1001.79	1174.93	1092.67	831.89	4997.99
WR - NR 765 kV Gwalior - Agra 2xS/C	375.96	961.14	1365.69	1177.97	940.04	4820.80
WR - NR 765 kV Gwalior-Phagi 2xS/C	119.97	290.73	572.46	579.83	608.04	2171.03
WR - NR 765 kV Jabalpur- Orai D/C	317.58	813.58	1229.16	1149.27	1049.23	4558.82
WR - NR 765 kV Satna- Orai	506.38	537.61	607.95	563.33	531.25	2746.52
WR - NR 765 kV Gwalior-Orai	0.00	0.00	0.00	0.00	0.00	0.00
WR - NR 765 kV Banaskata - Chittorgarh D/C	17.73	226.09	478.26	143.44	77.35	942.87
WR - NR 765 kV VindhyaChal - Varanasi	1245.55	1708.13	1914.58	1711.26	1541.75	8121.27
WR - NR 765 kV Neemach - Chittorgarh D/C	0.00	36.24	165.77	169.30	173.42	544.73
WR - NR 400 kV Zerda- Kankroli	0.50	20.28	53.83	17.88	14.03	106.52
WR - NR 400 kV Zerda- Bhinmal	0.00	70.94	17.08	0.00	0.00	88.02
WR - NR 400 kV Shujalpur - RAPP C D/C	0.00	32.33	133.09	110.88	82.50	358.80
WR - NR 400 KV VindhyaChal - Rihand D/C	0.00	0.00	0.00	0.65	0.00	0.65
WR - NR 220 kV Bhanpura - Ranpur	62.23	62.87	60.21	66.31	71.88	323.50
WR - NR 220 kV Bhanpura - Modak	70.83	86.49	84.28	81.56	84.82	407.98
WR - NR 220 kV Malanpur / Mehgaon - Auraiya	0.00	1.18	4.39	5.14	0.07	10.78
Total WR - NR	5012.96	7992.03	10195.56	8950.30	8000.30	40151.15

	Apr'25	May'25	June'25	July'25	Aug'25	Fin. Year 2025-26
Name of Line						
Export of NR to WR (NR-WR)						
NR - WR HVDC Kurukshetra - Champa	0.00	0.00	0.00	0.00	0.00	0.00
NR - WR HVDC VindhyaChal	43.26	29.26	39.61	74.13	2.31	188.57
NR - WR HVDC M'garh - Mundra	0.00	0.00	0.00	0.00	0.00	0.00
NR - WR 765 kV Agra - Gwalior 2xS/C	6.16	0.00	0.00	0.00	0.00	6.16
NR - WR 765 kV Phagi - Gwalior 2xS/C	11.05	2.35	1.79	0.00	0.00	15.19
NR - WR 765 kV Orai - Jabalpur D/C	8.98	0.00	0.00	0.00	0.00	8.98
NR - WR 765 kV Orai - Satna	0.00	0.00	0.00	0.00	0.00	0.00
NR - WR 765 kV Orai - Gwalior	345.16	292.43	286.32	309.34	374.51	1607.76
NR - WR 765 kV Chittorgarh - Banaskata D/C	330.62	27.29	9.25	136.12	298.85	802.13
NR - WR 765 kV Varanasi - VindhyaChal	0.00	0.00	0.00	0.00	0.00	0.00
NR - WR 765 kV Chittorgarh - Neemach D/C	192.85	53.22	5.93	1.84	3.89	257.73
NR - WR 400 kV Kankroli - Zerda	180.27	34.58	15.88	63.75	123.14	417.62
NR - WR 400 kV Bhinmal - Zerda	0.00	1.60	16.53	0.00	0.00	18.13
NR - WR 400 kV RAPP C - Shujalpur D/C	179.68	68.92	11.81	5.23	23.87	289.51
NR - WR 400 KV Rihand - VindhyaChal D/C	627.94	529.60	0.00	0.00	0.00	1157.54
NR - WR 220 kV Ranpur - Bhanpura	0.00	0.00	0.00	0.00	0.00	0.00
NR - WR 220 kV Modak - Bhanpura	0.00	0.00	0.00	0.00	0.00	0.00
NR - WR 220 kV Auraiya - Malanpur/Mehgaon	66.11	28.64	11.28	14.79	26.16	146.98
Total NR - WR	1992.08	1067.89	398.40	605.20	852.73	4916.30

	Apr'25	May'25	June'25	July'25	Aug'25	Fin. Year 2025-26
Name of Line						
Import of NR from ER (ER-NR)						
ER - NR HVDC Alipurduar - Agra	0.43	0.00	207.46	294.66	391.71	894.26
ER - NR 765 kV Sasaram - Fatehpur	77.99	33.39	58.92	63.66	96.60	330.56
ER - NR 765 kV Gaya - Varanasi 2*S/C	65.04	56.80	78.50	137.65	170.12	508.11
ER - NR 765 kV Gaya - Balia	186.58	263.25	335.15	365.65	353.77	1504.40
ER - NR 400 kV Patna - Balia D/C	193.76	203.41	224.63	246.91	311.71	1180.42
ER - NR 400 kV Muzaffarpur - Gorakhpur D/C	11.63	113.13	212.77	291.02	309.09	937.64
ER - NR 400 kV Biharshariff - Balia D/C	0.00	12.52	32.71	23.23	43.79	112.25
ER - NR 400 kV Motihari - Gorakhpur D/C	62.83	123.33	143.14	160.46	172.75	662.51
ER - NR 400 kV Biharshariff - Varanasi D/C	0.00	0.00	0.00	0.00	0.00	0.00
ER - NR 400 kV Sasaram - Varanasi	60.82	64.18	68.81	62.53	52.97	309.31
ER - NR 400 kV Sasaram - Allahabad	10.62	8.32	10.59	18.44	18.83	66.80
ER - NR 400 kV Naubatpur - Balia D/C	45.33	47.32	50.15	56.33	78.05	277.18
ER - NR 400 kV Biharshariff - Sahupuri D/C	25.32	33.43	58.54	83.15	80.91	281.35
ER - NR 220 kV Sahupuri - Karamnasa	5.66	46.35	66.77	50.47	32.36	201.61
ER - NR 132 kV Sahupuri - Karamnasa	0.96	0.48	0.96	1.28	2.50	6.18
ER - NR 132 kV Nagar Untari - Rihand	0.05	0.00	0.12	0.00	0.00	0.17
ER - NR 132 kV Garhwa - Rihand	0.00	0.00	0.00	0.00	0.00	0.00
Total ER-NR	747.02	1005.91	1549.22	1855.44	2115.16	7272.75
Import of NR from NER (NER-NR)						
NER - NR HVDC Biswanath Chariali - Agra	0.00	22.96	306.84	257.24	242.18	829.22
Total NER - NR	0.00	22.96	306.84	257.24	242.18	829.22

	Apr'25	May'25	June'25	July'25	Aug'25	Fin. Year 2025-26
Name of Line						
Export of NR to ER (NR-ER)						
NR - ER HVDC Agra - Alipurduar	0.00	0.00	0.00	0.00	0.00	0.00
NR - ER 765 kV Fatehpur - Sasaram	6.26	34.48	24.77	11.38	10.78	87.67
NR - ER 765 kV Varanasi - Gaya 2*S/C	56.47	106.17	77.38	18.92	21.86	280.80
NR - ER 765 kV Balia - Gaya	0.00	0.00	0.00	0.00	0.00	0.00
NR - ER 400 kV Balia - Patna D/C	1.06	0.00	0.89	0.00	0.00	1.95
NR - ER 400 kV Gorakhpur - Muzaffarpur D/C	99.75	29.83	3.10	0.00	0.00	132.68
NR - ER 400 kV Balia - Biharshariff D/C	162.65	104.51	75.25	33.58	4.97	380.96
NR - ER 400 kV Gorakhpur - Motihari D/C	4.85	0.05	1.51	0.00	0.21	6.62
NR - ER 400 kV Varanasi - Biharshariff D/C	0.00	0.00	0.00	0.00	0.00	0.00
NR - ER 400 kV Varanasi - Sasaram	0.00	0.00	0.00	0.00	0.00	0.00
NR - ER 400 kV Allahabad - Sasaram	2.99	6.52	11.90	1.71	1.64	24.76
NR - ER 400 kV Balia - Naubatpur D/C	1.90	4.36	6.54	0.19	0.00	12.99
NR - ER 400 kV Sahupuri - Biharshariff D/C	25.78	30.77	8.13	1.25	3.79	69.72
NR - ER 220 kV Karamnasa - Sahupuri	7.75	1.36	0.00	0.00	0.00	9.11
NR - ER 132 kV Karamnasa - Sahupuri	0.20	0.39	0.00	0.00	0.00	0.59
NR - ER 132 kV Rihand - Nagar Untari	0.98	0.10	0.46	0.44	0.87	2.85
NR - ER 132 kV Rihand - Garhwa	14.20	15.51	17.81	17.36	18.67	83.55
Total NR - ER	384.84	334.05	227.74	84.83	62.79	1094.25
Export of NR to NER (NER-NR)						
NR - NER HVDC Agra - Biswanath Chariali	587.35	339.01	0.00	0.00	0.00	926.36
Total NR - NER	587.35	339.01	0.00	0.00	0.00	926.36

	Apr'25	May'25	June'25	July'25	Aug'25	Fin. Year 2025-26
Name of Line						
Export of WR to ER (WR-ER)						
WR - ER 765 kV Dharamjaygarh - Ranchi 2xS/C	361.32	847.34	1120.57	894.90	833.15	4057.29
WR - ER 765 kV Dharamjaygarh - Jharsuguda Q/C	302.38	152.33	213.61	378.95	368.81	1416.08
WR - ER 765 kV Durg - Jharsuguda D/C	0.00	8.48	22.27	14.44	17.80	62.99
WR - ER 400 kV Sipat - Ranchi D/C	44.41	165.08	241.40	199.46	143.96	794.31
WR - ER 400 kV Raigarh - Jharsuguda- 2xD/C	0.04	36.04	100.65	98.86	81.72	317.30
WR - ER 400 kV Jeypore - Jagdalpur D/C			28.61	18.98	89.69	137.29
WR - ER 220 kV Korba - Budhipadar D/C	12.35	33.58	45.82	18.61	8.06	118.43
WR - ER 220 kV Raigarh - Budhipadar	0.10	11.59	9.61	10.21	1.74	33.25
Total WR - ER	720.61	1254.44	1782.54	1634.41	1544.93	6936.93
Import of WR from ER (ER - WR)						
ER - WR 765 kV Dharamjaygarh - Ranchi 2xS/C	79.61	7.39	0.39	14.42	18.50	120.30
ER - WR 765 kV Dharamjaygarh - Jharsuguda D/C	160.09	253.52	323.63	135.13	105.77	978.13
ER - WR 765 kV Durg - Jharsuguda D/C	503.09	232.42	113.50	100.38	193.02	1142.41
ER - WR 400 kV Sipat - Ranchi D/C	55.76	5.53	1.02	6.80	14.63	83.74
ER - WR 400 kV Raigarh - Jharsuguda- 2xD/C	325.72	102.70	16.71	33.89	72.87	551.89
ER - WR 400 kV Jeypore - Jagdalpur D/C			53.82	147.11	92.47	293.40
ER - WR 220 kV Korba - Budhipadar D/C	25.22	2.91	1.56	17.04	41.57	88.31
ER - WR 220 kV Raigarh - Budhipadar	50.11	13.49	7.03	13.79	49.50	133.91
Total ER - WR	1199.60	617.96	517.65	468.56	588.32	3392.10
Export of ER to NER (ER - NER)						
ER - NER 400 kV Binaguri - Bongaigaon D/C	23.81	14.14	102.25	105.97	56.38	302.54
ER - NER 400 kV Alipurduar - Bongaigaon D/C	28.02	45.27	273.90	304.64	183.77	835.61
ER - NER 220 kV Birpara - Salakati D/C	3.15	4.51	41.91	53.28	41.36	144.22
Total ER - NER	54.98	63.92	418.06	463.89	281.52	1282.37
Import of ER from NER (NER - ER)						
NER - ER 400 kV Binaguri - Bongaigaon D/C	86.91	101.88	20.90	9.45	23.01	242.15
NER - ER 400 kV Alipurduar - Bongaigaon 2xD/C	133.68	82.82	6.53	0.61	5.90	229.53
NER - ER 220 kV Birpara - Salakati D/C	30.05	24.26	2.60	0.29	1.15	58.36
Total NER - ER	250.64	208.96	30.02	10.35	30.06	530.04

	Apr'25	May'25	June'25	July'25	Aug'25	Fin. Year 2025-26
Name of Line						
Export of ER to SR (ER - SR)						
ER - SR HVDC Gazuwaka	64.45	47.26	1.00	31.46	173.49	317.66
ER - SR HVDC Talchar -Kolar	1338.63	1181.86	1012.66	904.97	1101.75	5539.86
ER - SR 765 kV Angul- Srikakulam D/C	1591.65	1274.48	977.07	1020.33	924.64	5788.18
Total ER - SR	2994.74	2503.60	1990.73	1956.76	2199.88	11645.71
Import of ER from SR (SR - ER)						
SR - ER HVDC Gazuwaka	44.04	138.20	218.83	234.55	142.35	777.98
SR - ER HVDC Talchar - Kolar	0.00	0.00	0.00	0.00	0.00	0.00
SR - ER 765 kV Angul- Srikakulam D/C	0.00	0.00	1.05	0.00	1.45	2.50
Total SR - ER	44.04	138.20	219.88	234.55	143.80	780.48
Export of WR to SR (WR-SR)						
WR - SR HVDC Bhadrawati	644.61	220.50	0.00	51.48	146.62	1063.21
WR - SR 765 kV Sholapur - Raichur 2xS/C	206.88	115.39	44.74	31.44	63.88	462.33
WR - SR 765 kV Wardha - Nizamabad D/C	983.94	603.84	465.00	551.34	510.01	3114.13
WR - SR 400kV Kolhapur-Kudgi D/C	0.02	0.00	0.00	0.00	0.00	0.02
WR - SR HVDC Raigarh-Pugalur	2564.04	1621.30	873.08	571.53	630.46	6260.41
WR - SR 220kV Xeldem - Ambewadi S/C	71.04	74.18	57.52	61.31	63.95	328.00
WR - SR 220kV Ponda - Ambewadi S/C	0.79	0.09	0.08	0.10	0.09	1.16
WR - SR 765 kV Warora - Warangal D/C	1140.34	750.16	469.61	486.50	442.05	3288.66
Total WR - SR	5611.68	3385.46	1910.04	1753.70	1857.05	14517.92
Import of WR from SR (SR - WR)						
SR - WR HVDC Bhadrawati	0.00	206.01	506.97	447.98	236.20	1397.16
SR - WR 765 kV Raichur - Sholapur 2xS/C	134.40	376.02	834.64	997.37	844.87	3187.30
SR - WR 765 kV Wardha - Nizamabad D/C	0.24	25.72	110.14	75.83	147.29	359.22
SR - WR 400kV Kolhapur-Kudgi D/C	657.02	869.48	956.40	1149.16	979.17	4611.23
SR - WR HVDC Pugalur-Raigarh	0.00	0.00	11.69	219.49	374.18	605.37
SR - WR 220kV Xeldem - Ambewadi S/C	0.00	0.00	0.00	0.00	0.00	0.00
SR - WR 220kV Ponda - Ambewadi S/C	0.01	0.01	0.01	0.00	0.01	0.04
SR - WR 765 kV Warangal - Warora D/C	0.02	17.52	122.79	74.60	133.02	347.94
Total SR - WR	791.68	1494.76	2542.64	2964.44	2714.74	10508.26
TOTAL ALL INDIA	20392	20429	22089	21240	20633	104784

*In case of mutiple ckt / DC pole year corres. to the commissioning of final element

Date	15.1 Import-Export of NR with WR during August 2025																	
	Import of NR from WR (WR-NR)																	
	WR - NR HVDC Champa-Kurukshetra	WR - NR HVDC VindhyaChal	WR - NR HVDC Mundra - M'garh	WR - NR 765 kV Gwalior - Agra 2xS/C	WR - NR 765 kV Gwalior- Phagi 2xS/C	WR - NR 765 kV Jabalpur- Orai D/C	WR - NR 765 kV Satna- Orai	WR - NR 765 kV Gwalior- Orai	WR - NR 765 kV Banasaka - Chittorgarh D/C	WR - NR 765 kV VindhyaChal - Varanasi	WR - NR 765 kV Neemach - Chittorgarh D/C	WR - NR 400 kV Zerda- Kankroli	WR - NR 400 kV Zerda- Bhinmal	WR - NR 400 kV Shujapur - RAPP C D/C	WR - NR 400 kV VindhyaChal - Rihand D/C	WR - NR 220 kV Bhanpura - Ranpur	WR - NR 220 kV Bhanpura - Modak	WR - NR 220 kV Malanpur / Mehgaon - Auriya
1-Aug-25	47.15	3.60	25.22	35.70	23.40	35.14	20.10	0.00	2.85	56.80	5.90	0.00		3.05		2.11	2.52	0.00 263.54
2-Aug-25	51.60	3.61	27.50	21.78	7.40	21.60	15.85	0.00	0.00	50.21	0.00	0.00		0.00		1.95	2.93	0.00 204.43
3-Aug-25	39.31	3.63	38.31	7.38	5.70	8.90	13.97	0.00	0.00	29.58	0.00	0.00		0.00		2.09	2.79	0.00 151.66
4-Aug-25	34.84	3.62	35.42	12.57	15.18	16.05	16.84	0.00	0.00	25.85	0.00	0.00		0.00		2.07	2.65	0.00 165.09
5-Aug-25	35.01	3.61	44.60	14.32	13.60	17.45	16.20	0.00	0.00	30.97	0.06	0.00		0.00		2.35	2.79	0.00 180.96
6-Aug-25	50.47	3.59	36.29	22.98	19.29	28.08	17.69	0.00	0.00	35.74	2.84	0.00		0.00		2.83	2.80	0.00 222.60
7-Aug-25	66.85	3.61	37.50	21.83	20.99	28.03	17.32	0.00	0.00	34.35	3.90	0.00		0.44		2.67	2.83	0.00 240.32
8-Aug-25	72.36	3.65	34.57	24.04	22.39	31.87	19.21	0.00	0.00	37.36	3.12	0.00		0.04		2.50	2.73	0.00 253.84
9-Aug-25	68.69	3.71	32.62	14.50	16.30	20.18	14.50	0.00	0.00	38.40	1.95	0.00		0.00		2.34	2.31	0.00 215.50
10-Aug-25	52.23	3.63	28.93	24.50	18.56	23.90	14.39	0.00	0.00	45.55	3.65	0.00		0.36		2.17	2.25	0.00 220.12
11-Aug-25	75.51	3.63	36.49	26.59	17.08	29.17	16.21	0.00	0.00	50.91	3.67	0.00		0.03		2.48	2.47	0.00 264.24
12-Aug-25	83.24	3.61	36.29	28.83	15.81	33.82	16.59	0.00	0.00	53.91	5.28	0.00		1.10		2.60	2.69	0.00 283.77
13-Aug-25	70.50	4.11	37.15	36.04	30.83	45.80	21.77	0.00	0.00	51.99	8.51	0.00		5.40		2.86	2.88	0.00 317.84
14-Aug-25	75.81	9.62	35.42	39.62	40.95	49.46	22.29	0.00	0.00	47.36	11.08	0.00		8.05		3.00	2.85	0.00 345.51
15-Aug-25	69.90	5.17	26.50	41.84	33.43	47.56	19.31	0.00	0.00	55.08	11.51	0.00		7.48		2.73	2.83	0.03 323.37
16-Aug-25	70.32	2.42	25.38	45.16	30.92	48.00	20.46	0.00	0.00	62.19	10.88	0.00		6.84		2.81	2.77	0.00 328.15
17-Aug-25	63.55	3.73	30.11	42.21	29.30	48.05	19.39	0.00	0.00	63.42	10.70	0.00		6.67		3.10	3.06	0.00 323.29
18-Aug-25	94.00	11.01	34.01	36.95	25.68	44.66	21.20	0.00	0.00	62.50	8.35	0.00		4.35		2.81	2.95	0.00 348.47
19-Aug-25	95.72	7.79	29.18	48.18	30.75	52.85	14.75	0.00	0.00	67.42	12.20	0.00		7.32		2.40	3.07	0.04 371.67
20-Aug-25	55.57	8.42	27.67	39.10	25.02	46.09	19.14	0.00	0.00	63.66	8.37	0.00		4.59		2.75	2.81	0.00 303.19
21-Aug-25	69.86	6.06	23.95	41.40	24.88	43.52	19.28	0.00	0.69	58.11	10.19	0.00		6.41		2.40	2.68	0.00 309.43
22-Aug-25	54.85	6.04	28.09	47.94	24.60	39.65	20.18	0.00	14.53	61.80	9.18	2.37		6.23		1.75	2.62	0.00 319.83
23-Aug-25	63.20	6.00	25.39	46.05	18.18	40.85	20.09	0.00	28.98	54.61	6.94	5.60		4.62		1.76	2.56	0.00 324.83
24-Aug-25	41.54	6.04	12.18	37.57	15.08	37.65	14.09	0.00	26.32	34.20	8.29	6.06		5.02		1.11	2.53	0.00 247.68
25-Aug-25	17.06	4.64	12.17	21.51	9.40	22.76	12.62	0.00	3.98	42.47	2.97	0.00		0.00		1.87	2.45	0.00 153.90
26-Aug-25	24.50	5.11	11.32	18.54	5.49	20.38	12.39	0.00	0.00	52.13	0.92	0.00		0.00		2.14	2.48	0.00 155.40
27-Aug-25	56.43	6.72	6.16	30.95	12.60	31.96	15.35	0.00	0.00	58.59	4.43	0.00		0.19		2.16	2.64	0.00 228.18
28-Aug-25	75.50	10.45	16.94	28.97	11.67	32.47	15.55	0.00	0.00	60.25	3.06	0.00		0.00		2.13	2.99	0.00 259.98
29-Aug-25	62.55	6.06	12.17	31.83	15.84	36.48	16.47	0.00	0.00	58.78	5.46	0.00		1.11		2.14	3.34	0.00 252.23
30-Aug-25	46.81	6.02	12.18	35.74	21.29	43.35	17.37	0.00	0.00	53.83	8.33	0.00		3.20		2.17	3.02	0.00 253.31
31-Aug-25	44.16	6.03	12.18	15.42	6.43	23.50	10.68	0.00	0.00	43.73	1.68	0.00		0.00		1.63	2.53	0.00 167.97
Total	1829.09	164.94	831.89	940.04	608.04	1049.23	531.25	0.00	77.35	1541.75	173.42	14.03	0.00	82.50	0.00	71.88	84.82	0.07 8000.30

Disclaimer:- Blank entry if the line under outage/shutdown on corresponding day

Date	15.1 Import-Export of NR with WR during August 2025																	
	Export of NR to WR (NR- WR)																	
	NR - WR HVDC Kurukshetra - Champa	NR - WR HVDC VindhyaChal	NR - WR HVDC M'garh - Mundra	NR - WR 765 kV Agra - Gwalior 2xS/C	NR - WR 765 kV Phagi - Gwalior 2xS/C	NR - WR 765 kV Orai - Jabalpur D/C	NR - WR 765 kV Orai - Satna	NR - WR 765 kV Chittorgarh - Banaskata D/C	NR - WR 765 kV Varanasi - VindhyaChal	NR - WR 765 kV Chittorgarh - Neemach D/C	NR - WR 400 kV Kankroli - Zerda	NR - WR 400 kV Bhinmal - Zerda	NR - WR 400 kV RAPP C - Shujalpur D/C	NR - WR 400 KV Rihand - VindhyaChal D/C	NR - WR 220 KV Ranpur - Bhanpura	NR - WR 220 KV Modak - Bhanpura	NR - WR 220 KV Auraiya - Malanpur/M ehaon	Total NR - WR
1-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	10.65	0.00	0.00	1.41	0.00	0.00	0.00	0.00	0.00	0.31	12.37	
2-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	8.01	11.00	0.00	0.22	6.21	3.50	0.00	0.00	1.25	30.19		
3-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	8.41	21.00	0.00	2.55	8.63	5.57	0.00	0.00	2.32	48.48		
4-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	10.74	22.04	0.00	1.12	8.67	3.08	0.00	0.00	2.51	48.16		
5-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	10.77	21.72	0.00	0.00	9.24	3.33	0.00	0.00	2.37	47.43		
6-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	12.15	15.87	0.00	0.00	7.47	0.63	0.00	0.00	1.97	38.09		
7-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	12.87	16.80	0.00	0.00	6.94	0.00	0.00	0.00	2.16	38.77		
8-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	12.95	14.30	0.00	0.00	6.55	0.00	0.00	0.00	2.04	35.84		
9-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	13.21	15.40	0.00	0.00	6.80	1.49	0.00	0.00	2.09	38.99		
10-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	15.75	15.19	0.00	0.00	6.75	0.00	0.00	0.00	1.14	38.83		
11-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	13.15	11.93	0.00	0.00	5.92	0.00	0.00	0.00	0.78	31.78		
12-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	11.56	0.13	0.00	0.00	2.36	0.00	0.00	0.00	0.86	14.91		
13-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	15.96	12.32	0.00	0.00	4.15	0.00	0.00	0.00	0.47	32.90		
14-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	17.45	24.00	0.00	0.00	5.78	0.00	0.00	0.00	0.26	47.49		
15-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	17.71	17.61	0.00	0.00	5.15	0.00	0.00	0.00	0.00	40.47		
16-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	13.59	7.65	0.00	0.00	2.55	0.00	0.00	0.00	0.19	23.98		
17-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	14.54	4.36	0.00	0.00	0.99	0.00	0.00	0.00	0.03	19.92		
18-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	16.25	7.90	0.00	0.00	2.25	0.00	0.00	0.00	0.43	26.83		
19-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	14.21	2.91	0.00	0.00	0.55	0.00	0.00	0.00	0.00	17.67		
20-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	14.00	7.81	0.00	0.00	2.34	0.00	0.00	0.00	0.15	24.30		
21-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.71	12.70		
22-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	13.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	12.67		
23-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	8.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	8.24		
24-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	8.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	7.78		
25-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	8.21	0.00	0.00	0.00	0.37	0.35	0.00	0.00	0.86	9.79		
26-Aug-25	0.00	2.31	0.00	0.00	0.00	0.00	8.36	12.44	0.00	0.00	5.31	3.10	0.00	0.00	0.89	32.41		
27-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	9.00	7.04	0.00	0.00	3.25	0.00	0.00	0.00	0.37	19.66		
28-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	9.36	7.97	0.00	0.00	3.73	0.35	0.00	0.00	0.73	22.14		
29-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	10.93	8.30	0.00	0.00	3.20	0.00	0.00	0.00	0.64	23.07		
30-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	12.58	6.41	0.00	0.00	2.31	0.00	0.00	0.00	0.35	21.65		
31-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	10.84	6.75	0.00	0.00	3.89	2.47	0.00	0.00	1.27	25.22		
Total	0.00	2.31	0.00	0.00	0.00	0.00	374.51	298.85	0.00	3.89	123.14	0.00	23.87	0.00	0.00	26.16	852.73	

Disclaimer : Blank entry if the line under outage/shutdown on corresponding day

Date	15.2 Import-Export of NR with ER & NER during August 2025																			
	Import of NR from ER (ER-NR)																	Import of NR from NER (NER-NR)		
	ER - NR HVDC Alipurduar - Agra	ER - NR 765 kV Sasaram - Fatehpur	ER - NR 765 kV Gaya - Varanasi 2*S/C	ER - NR 765 kV Gaya - Balia	ER - NR 400 kV Patna - Balia D/C	ER - NR 400 kV Muzaffarpur - Gorakhpur D/C	ER - NR 400 kV Biharshariff - Balia D/C	ER - NR 400 kV Motihari - Gorakhpur D/C	ER - NR 400 kV Biharshariff - Varanasi D/C	ER - NR 400 kV Sasaram - Varanasi	ER - NR 400 kV Sasaram - Allahabad	ER - NR 400 kV Naubatpur - Balia D/C	ER - NR 400 kV Biharshariff - Sahupuri D/C	ER - NR 220 kV Sahupuri - Karamnasa	ER - NR 132 kV Sahupuri - Karamnasa	ER - NR 132 kV Nagar Untari - Rihand	ER - NR 132 kV Garhwa - Rihand	Total ER - NR	NER - NR HVDC Biswanath Chariali - Agra	Total NER-NR
1-Aug-25	17.40	2.80	5.16	12.51	6.84	5.41	0.20	5.40		2.00	0.35	1.54	2.83	1.20		0.00	0.00	63.64	8.50	8.50
2-Aug-25	16.76	0.91	1.01	8.60	5.45	5.08	0.00	4.39		2.61	0.28	1.09	1.20	2.14		0.00	0.00	49.52	8.57	8.57
3-Aug-25	16.50	2.33	2.74	7.06	7.57	8.84	0.00	5.54		2.57	0.00	1.79	1.26	0.33	0.00		0.00	56.53	8.45	8.45
4-Aug-25	17.79	4.99	8.33	7.24	10.52	9.51	0.67	5.53		2.20	0.07	2.85	2.76	0.60			0.00	73.06	8.41	8.41
5-Aug-25	16.72	4.30	5.21	7.65	10.74	8.51	0.44	5.10		2.08	0.22	2.83	1.27	0.44		0.00	0.00	65.51	8.35	8.35
6-Aug-25	17.77	5.01	8.51	9.64	11.13	9.04	0.34	6.30		1.85	0.51	2.99	2.33	0.58			0.00	76.00	8.24	8.24
7-Aug-25	17.45	5.20	8.87	8.55	8.85	9.65	1.54	4.08		1.84	0.44	2.06	3.08	0.65			0.00	72.26	8.45	8.45
8-Aug-25	17.50	6.56	9.88	9.58	10.50	11.56	0.66	6.96		1.28	1.01	2.80	2.50	0.68		0.00	0.00	81.47	8.44	8.44
9-Aug-25	17.15	3.12	4.72	8.43	10.68	9.05	0.06	4.61		1.77	0.38	2.85	1.96	0.96	0.00	0.00		65.74	8.51	8.51
10-Aug-25	18.44	1.58	4.16	10.68	11.64	9.79	0.68	5.85		1.66	0.52	3.20	1.78	0.78			0.00	70.76	8.53	8.53
11-Aug-25	17.98	1.55	3.19	10.48	9.70	9.27	0.00	5.48		1.76	0.56	2.31	1.79	0.65	0.00		0.00	64.72	8.44	8.44
12-Aug-25	17.33	0.48	0.07	9.10	6.30	6.65	0.00	4.35		1.82	0.21	0.87	0.78	0.71			0.00	48.67	8.44	8.44
13-Aug-25	16.56	6.99	11.99	14.29	11.28	14.84	2.50	8.85		0.94	1.43	3.74	5.44	1.72			0.00	100.57	8.36	8.36
14-Aug-25	9.35	9.08	18.18	13.82	13.45	15.79	3.21	8.85		0.64	1.45	3.60	6.75	1.95			0.00	106.12	11.40	11.40
15-Aug-25	9.06	5.56	11.05	12.65	12.25	16.32	2.92	8.91		1.21	1.11	3.41	5.71	0.96	0.00		0.00	91.12	7.20	7.20
16-Aug-25	9.11	3.88	8.51	14.80	12.89	12.38	1.24	8.15		1.63	0.65	3.27	4.44	1.38	0.00	0.00		82.33	7.24	7.24
17-Aug-25	8.37	2.62	5.78	12.49	7.81	10.77	0.00	6.43		1.27	1.06	1.45	2.94	1.77			0.00	62.76	7.24	7.24
18-Aug-25	9.40	2.62	3.99	12.15	6.20	10.65	0.00	5.82		1.65	0.55	1.12	2.70	1.51			0.00	58.36	7.22	7.22
19-Aug-25	9.51	3.34	6.21	13.73	6.52	13.13	0.41	6.03		1.49	0.82	1.07	3.85		1.90		0.00	68.01	7.35	7.35
20-Aug-25	9.45	3.01	4.34	13.22	7.67	12.62	1.94	5.19		1.24	1.03	1.56	3.18	1.98			0.00	66.43	7.24	7.24
21-Aug-25	8.80	4.07	6.70	13.89	9.05	14.06	3.71	5.28		0.77	1.30	1.92	3.98	2.14	0.00		0.00	75.67	7.00	7.00
22-Aug-25	9.30	5.90	8.19	14.20	10.75	11.02	4.59	6.76		0.03	1.15	2.75	5.11	1.92		0.00	0.00	81.67	7.10	7.10
23-Aug-25	9.50	5.06	7.25	13.10	12.35	10.10	4.24	8.31		0.94	1.28	3.39	3.74	1.31			0.00	80.57	6.85	6.85
24-Aug-25	9.45	3.44	7.73	11.13	11.41	10.59	2.64	5.90		1.58	0.68	3.05	3.24	1.11			0.00	71.95	7.25	7.25
25-Aug-25	9.45	0.00	0.00	8.70	6.70	5.89	0.06	1.18		2.58	0.00	1.55	0.00	0.20			0.00	36.31	7.25	7.25
26-Aug-25	9.78	0.00	0.00	11.49	8.61	3.20	0.60	0.43		3.28	0.00	2.08	0.00	0.06			0.00	39.53	7.26	7.26
27-Aug-25	8.79	0.00	0.00	12.72	9.13	8.17	1.70	0.00		2.34	0.00	2.18	0.00	0.43			0.00	45.46	7.24	7.24
28-Aug-25	9.50	0.00	0.00	12.75	12.61	7.65	2.60	4.34		2.44	0.15	3.33	0.00	0.57	0.48		0.00	56.42	7.25	7.25
29-Aug-25	8.39	0.21	1.17	13.71	15.61	8.38	3.35	7.20		1.65	0.64	4.27	2.02	1.16	0.12	0.00		67.88	7.20	7.20
30-Aug-25	9.75	1.99	7.18	14.90	15.45	12.76	2.51	6.68		1.32	0.98	4.18	3.62	1.48			0.00	82.80	7.00	7.00
31-Aug-25	9.40	0.00	0.00	10.51	12.05	8.41	0.98	4.85		2.53	0.00	2.95	0.65	0.99			0.00	53.32	6.20	6.20
Total	391.71	96.60	170.12	353.77	311.71	309.09	43.79	172.75	0.00	52.97	18.83	78.05	80.91	32.36	2.50	0.00	0.00	2115.16	242.18	242.18

Disclaimer: Blank entry if the line under outage/shutdown on corresponding day

Date	15.2 Import-Export of NR with ER & NER during August 2025																			
	Export of NR to ER (NR- ER)																Export of NR to NER (NR-NER)			
	NR - ER HVDC Agra - Alipurdur	NR - ER 765 KV Fatehpur - Sasaram	NR - ER 765 kV Varanasi - Gaya 2*5/C	NR - ER 765 kV Balia - Gaya	NR - ER 400 kV Gorakhpur - Patna D/C	NR - ER 400 kV Gorakhpur - Muzaffarpur D/C	NR - ER 400 kV Balia - Biharshariff D/C	NR - ER 400 kV Gorakhpur - Motihari D/C	NR - ER 400 kV Varanasi - Biharshariff D/C	NR - ER 400 kV Varanasi - Sasaram	NR - ER 400 kV Allahabad - Sasaram	NR - ER 400 kV Balia - Naubatpur D/C	NR - ER 400 kV Sahupuri - Biharshariff D/C	NR - ER 220 kV Karamnasa - Sahupuri	NR - ER 132 kV Rihand - Nagar Untari	NR - ER 132 kV Rihand - Garhwa	Total NR - ER	NR - NER HVDC Agra - Biswanath Chariali	Total NR - NER	
1-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.63	0.71	0.00	0.00	
2-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.57	1.34	0.00	0.00	
3-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.42	0.66	0.00	0.00	0.00	
4-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.58	0.00	0.00	0.00	
5-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.67	0.79	0.00	0.00	
6-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.66	0.00	0.00	0.00	
7-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.68	0.00	0.00	0.00	
8-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.62	0.72	0.00	0.00	
9-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.80	0.92	0.00	0.00	
10-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60	0.00	0.00	0.00	
11-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	1.09	0.00	0.00	0.00	
12-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	3.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	3.81	0.00	0.00	0.00	
13-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.59	0.00	0.00	0.00	
14-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.71	0.00	0.00	0.00	
15-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.67	0.00	0.00	0.00	
16-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.46	0.57	0.00	0.00	
17-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.60	0.00	0.00	0.00	
18-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	1.05	0.00	0.00	0.00	
19-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.40	0.00	0.00	0.00
20-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.71	0.00	0.00	0.00	
21-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.00	0.00	0.00	
22-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.67	0.79	0.00	0.00	
23-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.33	0.00	0.00	0.00	
24-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.51	0.00	0.00	0.00	
25-Aug-25	0.00	2.25	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.60	0.00	0.57	7.17	0.00	0.00	0.00
26-Aug-25	0.00	2.11	8.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.00	2.05	0.00	0.00	0.64	14.10	0.00	0.00	0.00
27-Aug-25	0.00	2.25	4.03	0.00	0.00	0.00	0.00	0.21	0.00	0.06	0.00	0.61	0.00	0.00	0.70	7.86	0.00	0.00	0.00	
28-Aug-25	0.00	2.04	4.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.74	7.95	0.00	0.00	0.00
29-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.63	0.74	0.00	0.00	0.00
30-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.57	0.00	0.00	0.00	
31-Aug-25	0.00	2.13	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.59	4.22	0.00	0.00	0.00
Total	0.00	10.78	21.86	0.00	0.00	4.97	0.21	0.00	0.00	1.64	0.00	3.79	0.00	0.00	0.87	18.67	62.79	0.00	0.00	0.00

Disclaimer:- Blank entry if the line under outage/shutdown on corresponding day

15.3 Import and Export of ER with WR & NER during August 2025

Date	Export of WR to ER (WR-ER)															Import of WR from ER (ER-WR)							Export of ER to NER (ER-NER)				Import of ER from NER (NER-ER)			
	WR - ER 765 kV Dharamjaya rh - Ranchi 2xS/C	WR - ER 765 kV Dhamanjaya rh - Jharsuguda Q/C	WR - ER 765 kV Durg - Jharsuguda D/C	WR - ER 400 kV Si pat - Ranchi D/C	WR - ER 400 kV Raigarh - Jharsuguda- 2xD/C	WR - ER 400 kV Raigarh - Jyepore - K V corba - Budhipadar D/C	WR - ER 220 kV Raigarh - Jagdalpur - Budhipadar D/C	Total WR - ER	ER - WR 765 kV Dharamjaya rh - Ranchi 2xS/C	ER - WR 765 kV Dhamanjaya rh - Jharsuguda D/C	ER - WR 765 kV Durg - Jharsuguda D/C	ER - WR 400 kV Raigarh - Jyepore - Jagdalpur - Ranchi 2xD/C	ER - WR 400 kV Raigarh - Jyepore - K V corba - Budhipadar D/C	ER - WR 220 kV Raigarh - Jagdalpur - Budhipadar D/C	Total ER - WR	ER - NER 400 kV Bimanguri - Bongaigaon D/C	ER - NER 400 kV Alipurduar - Bongaigaon D/C	ER - NER 220 kV Birpara - Salakati D/C	Total ER - NER	NER - ER 400 kV Bimanguri - Bongaigaon D/C	NER - ER 400 kV Alipurduar - Bongaigaon D/C	NER - ER 220 kV Birpara - Salakati D/C	Total NER - ER							
1-Aug-25	22.5	18.5	0.0	3.8	1.5	3.1	0.0	0.0	49.55	1.0	0.2	6.1	0.8	3.8	0.4	2.0	2.3	16.62	5.53	10.68	2.31	18.53	0.01	0.00	0.00	0.01				
2-Aug-25	19.8	17.6	0.0	3.1	1.9	3.6	0.0	0.0	46.02	0.9	2.2	6.0	0.5	2.4	0.4	1.5	2.1	16.13	3.23	7.05	1.45	11.72	0.06	0.00	0.00	0.06				
3-Aug-25	9.7	15.2	0.0	0.9	1.2	4.0	0.1	0.0	31.02	2.7	1.4	7.9	1.5	3.7	0.1	1.6	1.7	20.69	0.78	2.95	0.79	4.51	0.58	0.14	0.01	0.73				
4-Aug-25	8.3	9.2	0.0	0.5	0.5	4.0	0.0	0.0	22.50	3.8	0.9	9.6	2.5	4.8	0.1	2.5	2.6	26.78	0.75	3.06	0.90	4.71	0.58	0.29	0.03	0.90				
5-Aug-25	11.1	5.2	0.0	1.1	0.4	2.9	0.0	0.0	20.59	2.4	4.8	9.1	1.7	4.9	1.0	2.4	2.0	28.36	1.80	5.02	1.31	8.14	0.21	0.09	0.00	0.30				
6-Aug-25	15.3	7.1	0.0	2.2	0.5	1.7	0.0	0.0	26.85	1.7	3.4	9.8	1.3	5.5	2.4	2.8	2.0	28.83	2.80	6.04	1.48	10.33	0.30	0.15	0.01	0.45				
7-Aug-25	16.1	12.3	0.0	2.2	1.2	3.1	0.0	0.0	34.92	1.4	4.0	12.2	0.9	2.4	0.6	2.3	2.4	26.25	2.75	7.24	1.64	11.63	0.11	0.02	0.00	0.13				
8-Aug-25	11.5	12.0	0.0	1.5	0.2	1.0	0.0	0.0	26.23	1.8	2.2	12.6	1.1	5.1	2.3	2.2	2.7	30.22	1.16	3.50	1.06	5.73	0.81	0.58	0.06	1.44				
9-Aug-25	16.0	23.6	0.4	2.0	0.2	1.8	0.1	0.0	44.09	1.1	0.3	9.6	0.7	6.9	2.4	1.7	2.8	25.47	2.56	6.09	1.48	10.13	0.51	0.36	0.05	0.92				
10-Aug-25	22.3	18.9	0.4	3.2	1.0	1.7	0.1	0.0	47.60	0.0	0.2	7.5	0.3	5.0	2.0	1.7	2.3	19.05	2.56	6.46	1.54	10.56	0.01	0.00	0.00	0.01				
11-Aug-25	28.4	12.1	0.1	4.6	1.4	1.1	0.0	0.0	47.83	0.2	1.1	5.0	0.3	2.3	1.8	1.8	2.3	14.69	2.16	6.67	1.52	10.35	0.31	0.00	0.00	0.31				
12-Aug-25	35.0	8.1	0.5	6.3	3.0	0.3	0.2	0.2	53.55	0.0	1.2	3.1	0.2	1.8	4.4	0.9	1.1	12.64	2.52	6.37	1.28	10.17	0.38	0.11	0.02	0.52				
13-Aug-25	24.4	2.3	0.0	3.5	1.8	0.0	0.0	0.0	31.99	0.3	7.0	6.2	0.5	2.6	9.2	1.1	1.0	27.87	0.10	0.71	0.21	1.02	2.48	1.02	0.25	3.74				
14-Aug-25	24.3	5.1	0.0	3.0	1.2	0.0	0.0	0.0	33.57	0.1	8.6	7.2	0.7	2.8	11.0	1.5	0.9	32.83	0.70	4.57	0.99	6.26	1.56	0.21	0.06	1.83				
15-Aug-25	31.5	5.9	0.7	5.3	2.7	0.0	0.2	0.1	46.43	0.0	8.0	5.1	0.2	1.2	8.6	1.1	1.2	25.36	0.36	1.87	0.64	2.88	2.76	0.95	0.10	3.80				
16-Aug-25	36.7	1.2	0.1	6.7	2.7	0.0	0.1	0.0	47.59	0.0	9.0	4.4	0.0	0.8	8.6	0.7	1.6	25.14	1.40	6.51	1.52	9.43	0.98	0.00	0.00	0.98				
17-Aug-25	40.8	4.4	1.0	7.7	1.2	0.0	0.4	0.0	55.49	0.0	9.3	2.5	0.0	2.5	8.0	1.3	1.7	25.25	0.64	4.78	0.91	6.33	2.06	1.04	0.41	3.51				
18-Aug-25	40.1	6.8	1.2	7.1	0.3	0.0	0.1	0.0	55.67	0.0	8.3	4.3	0.0	3.7	7.8	1.2	1.9	27.18	1.77	8.40	1.62	11.78	0.21	0.00	0.00	0.21				
19-Aug-25	41.1	4.7	2.4	7.6	0.9	0.0	0.1	0.0	56.82	0.0	7.8	2.9	0.0	2.7	8.4	1.3	1.9	24.92	2.68	7.32	1.73	11.73	0.11	0.00	0.00	0.11				
20-Aug-25	39.7	18.0	2.4	7.4	1.1	0.0	0.4	0.2	69.23	0.0	1.2	2.4	0.0	2.1	7.7	0.9	1.1	15.46	1.86	7.96	1.66	11.48	0.44	0.00	0.00	0.44				
21-Aug-25	29.5	19.9	1.7	5.4	1.4	2.2	0.4	0.0	60.47	0.0	0.2	4.1	0.1	2.5	3.8	0.7	1.5	12.90	1.05	5.34	1.09	7.47	1.49	0.19	0.02	1.70				
22-Aug-25	22.6	14.8	0.4	4.4	3.3	6.2	0.0	0.0	51.71	0.2	1.5	5.3	0.3	1.3	0.3	1.1	1.7	11.63	1.06	5.60	1.20	7.86	1.59	0.32	0.06	1.97				
23-Aug-25	19.8	3.1	0.3	4.1	5.5	7.6	0.2	0.0	40.57	0.4	4.6	4.4	0.3	0.3	0.0	0.8	1.1	11.83	1.99	7.27	1.48	10.73	1.08	0.13	0.02	1.23				
24-Aug-25	26.8	17.7	1.3	5.5	7.2	4.4	0.7	0.2	63.71	0.0	0.0	2.5	0.0	0.0	0.0	0.3	0.5	3.43	2.12	7.16	1.64	10.92	0.45	0.02	0.00	0.47				
25-Aug-25	28.5	24.1	0.8	6.2	7.6	7.4	1.3	0.2	76.10	0.4	0.7	2.9	0.2	0.1	0.0	0.1	0.9	5.17	2.66	7.51	1.74	11.91	0.16	0.00	0.00	0.16				
26-Aug-25	33.4	22.6	0.6	6.8	7.9	8.4	0.9	0.2	80.71	0.0	1.8	3.6	0.1	0.2	0.0	0.5	0.8	6.97	3.33	8.51	1.84	13.68	0.11	0.00	0.00	0.11				
27-Aug-25	36.2	10.8	1.3	7.9	7.2	6.7	0.6	0.3	70.97	0.0	5.0	5.2	0.0	0.1	0.3	0.7	1.0	12.33	2.06	7.57	1.56	11.19	0.54	0.09	0.01	0.65				
28-Aug-25	38.5	6.7	0.4	7.5	5.5	5.9	0.6	0.1	65.22	0.0	6.1	5.9	0.0	0.2	0.3	0.9	0.9	14.33	1.75	7.13	1.55	10.43	0.41	0.00	0.00	0.41				
29-Aug-25	37.2	8.8	0.5	6.7	3.7	3.5	0.3	0.0	60.66	0.0	3.6	8.9	0.0	0.6	0.1	1.5	1.2	15.86	0.35	4.92	1.19	6.45	0.76	0.00	0.00	0.76				
30-Aug-25	33.7	11.7	0.7	5.0	2.6	4.5	0.4	0.0	58.48	0.0	1.0	10.2	0.3	0.6	0.6	1.3	1.3	15.29	0.67	5.20	1.11	6.98	0.68	0.00	0.00	0.68				
31-Aug-25	32.3	20.5	0.7	4.8	4.9	4.6	0.7	0.3	68.79	0.0	0.0	6.5	0.2	0.0	0.0	1.1	0.9	8.83	1.23	4.34	0.90	6.46	1.27	0.20	0.06	1.53				
Total	833.15	368.81	17.80	143.96	81.72	89.69	8.06	1.74	1544.93	18.50	105.77	193.02	14.63	72.87	92.47	41.57	49.50	588.32	56.38	183.77	41.36	281.52	23.01	5.90	1.15	30.06				

Note- 400 kV anyone - Jagdalpur Ch-1&2 included from 07.08.2025

16. भूटान , नेपाल, बांग्लादेश एवं म्यान्मार के साथ अंतरराष्ट्रीय विद्युत विनिमय
INTERNATIONAL EXCHANGE WITH BHUTAN, NEPAL BANGLADESH AND MYANMAR

अप्रैल 2025 से मार्च 2026 April 2025 to March 2026

अंतरराष्ट्रीय विद्युत विनिमय [भारत से निर्यात/ को आयात]
 Transnational Exchange ('Export from'/Import to' India)

माह MONTH	भूटान BHUTAN		नेपाल NEPAL		बांग्लादेश BANGLADESH		म्यान्मार MYANMAR	
	Energy Exported (In MU)	Energy Imported (In MU)						
अप्रैल 2025 APR'25	72.61	27.18	365.47	0.00	684.92	0.00	0.70	0.00
मई 2025 MAY'25	0.00	553.50	203.10	9.50	707.90	0.00	0.74	0.00
जून 2025 JUN'25	0.00	1148.30	21.70	248.80	646.50	0.00	0.74	0.00
जुलाई 2025 JUL'25	0.00	1522.80	0.00	484.01	709.78	0.00	0.71	0.00
अगस्त 2025 AUG'25	0.00	1610.50	0.00	551.22	712.95	0.00	0.77	0.00
कुल Total	72.61	4862.28	590.27	1293.53	3462.05	0.00	3.66	0.00

* Based on daily operational data

दिनांक Date	<u>16.1 सीमावर्ती देशों से आयात (अगस्त 2025)</u>															
	<u>16.1 Import from neighbouring countries during August 2025</u>								(सभी आंकड़े मि.ग्रू.में) (All figures in MU)							
	भूटान से आयात Import from Bhutan								बांग्लादेश से आयात Import from Bangladesh		नेपाल से आयात Import from Nepal				म्यांमार से आयात Import from Myanmar	
	400 kV Tala-Binaguri I,II & IV	400 kV Binaguri-Malbase	220 kV Birpara-Chuka D/C	220 kV Birpara-Malbase	400 kV Punatsanchu-Alipurduwar D/C*	400 kV Jigmeling-Alipurduwar D/C	132 kV Rangia-Motanga	132 kV Salakati-Gelephu	400 kV Behrampur-Bheramara 1,2,3&4	132 kV Suryamaninagar-Comilla D/C	132 kV Tanakpur-Mahendranagar	From UP Source	400 kV Muzaffarpur-Dhalkebar	From BIHAR Source	11 kV Moreh-Tamu	
1-Aug-25	15.79	3.87	1.75	0.49	8.96	19.94	0.31	0.50	0.00	0.00	0.18	0.00	12.85	3.10	0.00	
2-Aug-25	15.94	3.95	1.68	0.36	10.12	18.82	0.89	0.21	0.00	0.00	0.27	0.00	11.46	3.23	0.00	
3-Aug-25	18.09	2.98	1.39	0.00	10.25	19.16	0.60	0.14	0.00	0.00	0.34	0.00	12.70	3.08	0.00	
4-Aug-25	16.38	4.23	1.54	0.00	10.28	19.24	0.73	0.08	0.00	0.00	0.55	0.00	15.33	3.29	0.00	
5-Aug-25	16.19	4.10	1.56	0.01	10.23	19.11	0.13	0.01	0.00	0.00	1.07	0.00	16.00	3.29	0.00	
6-Aug-25	16.13	4.07	1.71	0.22	9.85	18.40	0.73	0.11	0.00	0.00	1.18	0.00	15.06	3.28	0.00	
7-Aug-25	13.64	3.30	1.61	0.19	9.02	19.40	0.90	-0.15	0.00	0.00	1.31	0.00	15.95	3.17	0.00	
8-Aug-25	15.74	3.98	1.60	0.04	10.35	19.22	0.19	0.17	0.00	0.00	1.29	0.00	15.95	3.30	0.00	
9-Aug-25	16.22	4.12	1.66	0.12	10.42	19.41	-0.04	0.28	0.00	0.00	1.33	0.00	16.32	3.21	0.00	
10-Aug-25	16.15	4.08	1.45	0.04	10.20	19.13	0.04	0.23	0.00	0.00	1.38	0.00	16.26	3.18	0.00	
11-Aug-25	16.46	4.18	1.87	0.14	11.58	21.46	-0.07	0.64	0.00	0.00	1.24	0.00	15.86	3.12	0.00	
12-Aug-25	16.19	4.02	1.88	0.32	10.87	20.09	-0.01	0.27	0.00	0.00	0.71	0.00	14.37	3.12	0.00	
13-Aug-25	16.69	4.33	1.89	0.21	11.15	20.82	-0.10	0.23	0.00	0.00	0.59	0.00	14.53	2.94	0.00	
14-Aug-25	16.80	4.38	1.98	0.39	11.16	20.63	-0.06	0.20	0.00	0.00	0.85	0.00	15.54	3.13	0.00	
15-Aug-25	16.62	4.27	1.36	0.00	5.13	22.84	-0.04	0.18	0.00	0.00	0.06	0.00	14.34	3.06	0.00	
16-Aug-25	16.70	4.31	2.23	0.30	0.00	31.37	-0.06	0.53	0.00	0.00	0.00	0.00	7.63	2.86	0.00	
17-Aug-25	17.03	4.51	2.13	0.00	0.00	31.74	0.00	0.65	0.00	0.00	0.02	0.00	7.51	2.76	0.00	
18-Aug-25	16.28	4.07	1.58	0.13	0.00	32.04	0.14	0.68	0.00	0.00	0.96	0.00	12.20	2.92	0.00	
19-Aug-25	16.50	4.21	2.08	0.40	0.00	23.55	0.50	-0.09	0.00	0.00	1.02	0.00	14.74	3.15	0.00	
20-Aug-25	16.78	4.38	2.30	0.29	0.00	30.77	1.14	-0.15	0.00	0.00	1.23	0.00	14.84	3.04	0.00	
21-Aug-25	16.81	4.23	2.06	0.01	0.00	31.40	1.06	-0.15	0.00	0.00	0.36	0.00	15.02	2.95	0.00	
22-Aug-25	16.75	4.36	2.12	0.04	0.00	32.18	1.13	-0.15	0.00	0.00	0.41	0.00	14.58	3.04	0.00	
23-Aug-25	16.59	4.26	1.92	0.02	1.22	29.70	1.03	-0.15	0.00	0.00	0.45	0.00	14.82	3.20	0.00	
24-Aug-25	16.68	4.32	1.95	0.12	0.00	27.00	1.05	-0.13	0.00	0.00	0.68	0.00	10.07	3.05	0.00	
25-Aug-25	15.93	4.05	1.90	0.19	0.00	24.58	1.11	-0.14	0.00	0.00	1.07	0.00	12.64	3.04	0.00	
26-Aug-25	13.11	3.15	1.92	0.08	0.00	24.57	1.10	-0.15	0.00	0.00	1.26	0.00	10.73	3.00	0.00	
27-Aug-25	15.73	4.37	2.30	0.23	0.00	29.01	1.08	-0.14	0.00	0.00	1.01	0.00	13.94	3.00	0.00	
28-Aug-25	16.45	4.26	2.18	0.09	0.00	28.58	1.07	-0.14	0.00	0.00	0.85	0.00	14.77	2.91	0.00	
29-Aug-25	16.63	4.38	2.14	0.24	6.03	24.50	0.95	-0.14	0.00	0.00	0.77	0.00	15.66	2.88	0.00	
30-Aug-25	16.55	4.33	1.89	0.36	10.45	18.85	1.09	0.09	0.00	0.00	1.05	0.00	15.06	3.23	0.00	
31-Aug-25	16.66	4.40	2.07	0.48	9.21	16.94	1.15	0.43	0.00	0.00	1.07	0.00	15.51	3.10	0.00	
Total	504.21	127.46	57.71	5.49	176.46	734.44	17.75	3.97	0.00	0.00	24.58	0.00	432.26	95.64	0.00	

Based on SEM/Energy meter data for links where available (*Mangdechu generation receipt at APD through a bypassed arrangement at 400kV Punatsanchu station)

दिनांक Date	16.2 सीमावर्ती देशों को निर्यात (अगस्त 2025)														
	16.2 Export to neighbouring countries during August 2025								(सभी आंकड़े मि.ग्रू.में) (All figures in MU)						
	भूटान को निर्यात Export to Bhutan								बांग्लादेश को निर्यात Export to Bangladesh		नेपाल को निर्यात Export to Nepal				म्यांमार को निर्यात Export to Myanmar
	400 kV Tala-Binaguri I,II & IV	400 kV Binaguri-Malbase	220 kV Birpara-Chuka D/C	220 kV Birpara-Malbase	400 kV Punatsanchu-Alipurduwar D/C*	400 kV Jigmeling-Alipurduwar D/C	132 kV Rangia-Motanga	132 kV Salakati-Gelephu	400 kV Behrampur-Bheramara 1,2,3&4	132 kV Suryamaninagar-Comilla D/C	132 kV Tanakpur-Mahendranagar	From UP Source	400 kV Muzaffarpur-Dhalkebar	From BIHAR Source	11 kV Moreh-Tamu
1-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.46	0.92	0.00	0.00	0.00	0.00	0.02
2-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.25	1.06	0.00	0.00	0.00	0.00	0.03
3-Aug-25	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	22.50	0.92	0.00	0.00	0.00	0.00	0.03
4-Aug-25	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	22.53	0.71	0.00	0.00	0.00	0.00	0.03
5-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.97	0.77	0.00	0.00	0.00	0.00	0.03
6-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.95	0.86	0.00	0.00	0.00	0.00	0.02
7-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.97	0.91	0.00	0.00	0.00	0.00	0.03
8-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.70	0.87	0.00	0.00	0.00	0.00	0.03
9-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.89	0.92	0.00	0.00	0.00	0.00	0.02
10-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.87	0.92	0.00	0.00	0.00	0.00	0.03
11-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.11	1.03	0.00	0.00	0.00	0.00	0.03
12-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.98	1.07	0.00	0.00	0.00	0.00	0.03
13-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.99	0.99	0.00	0.00	0.00	0.00	0.02
14-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.65	0.88	0.00	0.00	0.00	0.00	0.03
15-Aug-25	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	22.66	0.97	0.00	0.00	0.00	0.00	0.03
16-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.13	1.03	0.08	0.00	0.00	0.00	0.02
17-Aug-25	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	22.61	1.06	0.00	0.00	0.00	0.00	0.03
18-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.72	1.14	0.00	0.00	0.00	0.00	0.03
19-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.34	1.00	0.00	0.00	0.00	0.00	0.03
20-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.25	0.97	0.00	0.00	0.00	0.00	0.03
21-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.79	0.93	0.00	0.00	0.00	0.00	0.03
22-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.52	0.90	0.00	0.00	0.00	0.00	0.02
23-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.01	0.90	0.00	0.00	0.00	0.00	0.01
24-Aug-25	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	22.24	0.92	0.00	0.00	0.00	0.00	0.03
25-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.08	0.99	0.00	0.00	0.00	0.00	0.01
26-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.72	1.08	0.00	0.00	0.00	0.00	0.02
27-Aug-25	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	19.12	1.01	0.00	0.00	0.00	0.00	0.03
28-Aug-25	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	21.98	0.91	0.00	0.00	0.00	0.00	0.03
29-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.27	0.92	0.00	0.00	0.00	0.00	0.02
30-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.97	0.93	0.00	0.00	0.00	0.00	0.03
31-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.27	1.05	0.00	0.00	0.00	0.00	0.03
Total	0.00	0.00	0.00	0.59	0.03	0.00	0.00	0.00	676.52	29.55	0.08	0.00	0.00	0.77	

Based on SEM/Energy meter data for links where available (*Mangdechu generation receipt at APD through a bypassed arrangement at 400kV Punatsanchu station)

17. एसटीओए (द्विपक्षीय एवं सामूहिक) एवं डी एस एम बिलिंग का ब्योरा – अगस्त 2025

17. STOA (BILATERAL AND COLLECTIVE) & DSM BILLING DETAILS - AUGUST 2025

द्विपक्षीय एसटीओए BILATERAL SHORT TERM OPEN ACCESS

अगस्त 2025 August 2025		Apr'25- Mar'26		
नोडल क्षे.भा.प्रे.के. का नाम Name of Nodal RLDC	अनमोदित लेन – देनों की संख्या No. of Approved Transactions	अनुमोदित ऊर्जा (मि.यु.) Energy Approved(MU)	अनमोदित लेन – देनों की संख्या No. of Approved Transactions	अनुमोदित ऊर्जा (मि.यु.) Energy Approved (MU)
उ. क्षे. NR	2161	5917	8892	20437
प.क्षे. WR	1049	713	5071	4230
द.क्षे. SR	1166	602	3969	9089
पू.क्षे. ER	759	1731	3084	7620
पूर्वोत्तर क्षे. NER	83	462	443	1588
कुल TOTAL	5218	9425	21459	42964

एसटीओए SHORT TERM OPEN ACCESS

	सामूहिक एसटीओए Collective STOA	द्विपक्षीय एसटीओए Bilateral STOA		
माह MONTH	क्रेताओं / विक्रेताओं की संख्या No. of Buyers/Sellers	अनुमोदित ऊर्जा (मि.यु.) Approved Energy (MU)	अनमोदित लेन – देनों की संख्या No. of Approved Transactions	अनुमोदित ऊर्जा (मि.यु.) Approved Energy (MU)
अप्रैल 2025 Apr'25	13712	9041	2804	7138
मई 2025 May'25	14344	9129	3472	7546
जून 2025 Jun'25	14456	9860	4621	8890
जुलाई 2025 Jul'25	15157	11649	5344	9965
अगस्त 2025 Aug'25	15809	10883	5218	9425
कुल TOTAL	73478	50562	21459	42964

मासिक डी एस एम बिलिंग का ब्योरा* 2025-26
MONTHLY DSM BILLING DETAILS* 2025-26

अनंतिम आँकड़े
Provisional data
subject to change
करोड़ रु. मे (RS. IN CRORES)

क्षेत्र REGION →	उत्तरी क्षेत्र NORTH	पश्चिमी क्षेत्र WEST	दक्षिणी क्षेत्र SOUTH	पूर्वी क्षेत्र EAST	पूर्वोत्तर क्षेत्र NORTH EAST
सप्ताह WEEK ↓					
04.08.25 to 10.08.25	368.53	266.78	47.50	217.35	29.67
11.08.25 to 17.08.25	85.76	259.25	20.72	185.37	28.17
18.08.25 to 24.08.25	117.36	265.37	45.68	179.79	25.51
25.08.25 to 31.08.25	331.08	219.78	32.19	161.34	22.21

* Amount shown is Payable to DSM pool ^Provisional Data

**18. पावर मार्केट की सचिना (स्रोत : आई.ई.एक्स. पर एंपी.एक्स.आई.एल.)
POWER MARKET INFORMATION (Source IEX & PXIL)**

**पावर एक्सचेंज के माध्यम से विनियम - माह:- अगस्त 2025
EXCHANGES THROUGH POWER EXCHANGES - AUGUST 2025**

क्र. स. S. No.	क्षेत्रीय कार्ग Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.यु.से) Through Power Exchange in MU (DAM+HP DAM+RTM)	
1	AD HYDRO POWER LIMITED	उत्तरी क्षेत्र NR	96.95	2.83
2	ADANI GREEN ENERGY TWENTY FIVE LIMITED		40.82	0.00
3	ADANI GREEN ENERGY TWENTY FOUR LIMITED		70.45	0.00
4	ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(Project-2)		19.35	0.00
5	ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED_50MW		8.54	0.00
6	ADANI SOLAR ENERGY JODHPUR TWO LIMITED		9.07	0.00
7	AMBUJA CEMENTS LIMITED_Essel Park RJ		22.49	0.00
8	AMP Energy Green Four Private Limited		11.20	0.00
9	Adept Renewable Technologies Private Limited		19.69	0.00
10	Amp Energy Green Six Private Limited		17.94	0.00
11	Amplus Ages Private Limited		2.00	0.00
12	Budhil HEP (Greenko Budhil Hydro Power Pvt. Ltd.)		8.41	0.00
13	Chandigarh (UT)		78.36	6.46
14	Delhi		116.72	249.28
15	Eden Renewable Alma Private Limited		13.46	0.00
16	Government of Himachal Pradesh _Chamera1HEP		8.21	2.01
17	Government of Himachal Pradesh _Chamera3HEP		13.34	2.21
18	Government of Himachal Pradesh _CHAMERA2HEP		16.59	2.89
19	Government of Himachal Pradesh_BairasuilHEP		6.97	1.40
20	Government of Himachal Pradesh_Koldam HEP		11.87	0.00
21	Government of Himachal Pradesh_NJHPS		22.13	12.51
22	Government of Himachal Pradesh_Parbati2HEP		24.41	3.70
23	Government of Himachal Pradesh_Parbati3HEP		21.19	3.04
24	Government of Himachal Pradesh_RampurHEP		8.12	3.95
25	Grian Energy Private Limited		2.87	0.00
26	Haryana		782.91	42.15
27	Himachal Pradesh		185.56	191.20
28	IGSTPS JHAJJAR		27.84	0.00
29	JUNIPER GREEN COSMIC PRIVATE LIMITED		6.98	0.00
30	JUNIPER NIRJARA ENERGY PRIVATE LIMITED		2.12	0.00
31	Jammu Kashmir		343.82	36.46
32	Juna Renewable Energy Private Limited		9.92	0.00
33	KARCHAM WANGTOO HYDRO ELECTRIC PLANT.		91.94	0.00
34	Khidrat Renewable Energy Private Limited		42.56	0.05
35	NEA Nepal Upper Chameliya Hydropower Project		19.14	0.00
36	NEA Nepal Upper Kalangagad Hydropower Project new		10.85	0.00
37	NTPC Dadri Stage I		6.62	0.00
38	NTPC Dadri Stage II		16.03	0.00
39	NTPC Rihand stage I		9.17	0.00
40	NTPC Rihand stage II		14.48	0.00
41	NTPC Rihand stage III		14.71	0.00
42	NTPC Singrauli		22.16	0.00
43	NTPC Tanda Stage II		4.34	0.00
44	NTPC Unchahar Stage I		2.02	0.00
45	NTPC Unchahar Stage II		6.48	0.00
46	NTPC Unchahar Stage III		2.67	0.00
47	NTPC Unchahar Stage IV		7.13	0.00
48	North Central Railway Prayagraj		0.00	14.89
49	Onevolt Energy Private Limited		2.83	0.00
50	Punjab		513.41	755.20
51	RENEW SURYA PRATAP PRIVATE LIMITED		39.49	0.00
52	RENEW SURYA ROSHNI PRIVATE LIMITED-Fatehgarh-III PS		0.21	0.00

**18. पावर मार्केट की सचिना (स्रोत : आई.ई.एक्स.एंड.एल.)
POWER MARKET INFORMATION (Source IEX & PXIL)**

पावर एक्सचेंज के माध्यम से विनियम - माहः- अगस्त 2025
EXCHANGES THROUGH POWER EXCHANGES - AUGUST 2025

क्र. स. S. No.	क्षेत्रीय इकाई Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.यु. से) Through Power Exchange in MU (DAM+HP DAM+RTM)	
			पावर एक्सचेंज के माध्यम से (मि.यु. से) Through Power Exchange in MU (DAM+HP DAM+RTM)	पावर एक्सचेंज के माध्यम से (मि.यु. से) Through Power Exchange in MU (DAM+HP DAM+RTM)
53	Rajasthan		327.17	326.60
54	ReNew Surya Ravi Private Limited		20.29	0.00
55	Renew Surya Jyoti Private Limited		15.03	0.00
56	SHREE CEMENT LIMITED TPS		14.87	0.00
57	Serentica Renewables India 4 Private Limited		5.10	0.00
58	Serentica Renewables India 5 Private Limited		5.95	0.00
59	Singoli Bhatwari HEP		54.57	3.90
60	Sorang HEP (Himachal Sorang Power Pvt. Ltd.)		40.01	0.00
61	TPSL 200MW TPTCL Banderwala		1.22	0.00
62	TPSL Banderwala SECI 100_INF		0.47	0.00
63	Transition Cleantech Services Private Limited		0.35	0.00
64	Transition Energy Services Private Limited		3.39	0.00
65	Transition Green Energy Private Limited		1.38	0.00
66	Transition Sustainable Energy Services One Private Limited		8.38	0.00
67	Uttar Pradesh		393.94	546.99
68	Uttarakhand		54.20	211.56
69	2X600 VEDANTA LIMITED Chhattisgarh Power Plant		32.54	47.58
70	ACB (INDIA) LIMITED		14.35	0.67
71	ADANI GREEN ENERGY TWENTY FOUR LIMITED_PSS4		3.39	0.00
72	ADANI GREEN ENERGY TWENTY SIX A LIMITED_PSS-3		2.09	0.00
73	ADANI HYBRID ENERGY JAISALMER FIVE LIMITED_PSS4		3.40	0.00
74	ADANI PORTS AND SPECIAL ECONOMIC ZONE LIMITED (PSS-3)		26.57	0.00
75	ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS-3 (162.5 MW Hybrid Solar of 187.5MW HPD)		28.07	0.00
76	ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS3 (20.8 MW Hybrid Wind of 25 MW of 187.5MW HPD)		0.90	0.00
77	ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS3 (25 MW Hybrid Solar of 25 MW of 187.5MW HPD)		0.27	0.00
78	ADANI RENEWABLE ENERGY FIFTY SEVEN LIMITED_PSS13		120.97	0.00
79	ADANI RENEWABLE ENERGY FIFTY SIX LIMITED_PSS4		38.30	0.00
80	ADANI RENEWABLE ENERGY FIFTY SIX LIMITED_PSS9		56.00	0.00
81	ADANI RENEWABLE ENERGY FORTY FIVE LIMITED_PSS5		29.84	0.00
82	ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS-3		16.98	0.00
83	ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS13		28.69	0.00
84	ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS4		2.28	0.00
85	ADANI RENEWABLE ENERGY HOLDING FOUR LIMITED_PSS-1		102.05	0.00
86	ADANI RENEWABLE ENERGY THREE LIMITED_PSS8_Hybrid Solar		3.22	0.00
87	ADANI RENEWABLE ENERGY THREE LIMITED_PSS8_Hybrid Wind		10.25	0.00
88	ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED_PSS8_Hybrid Solar		4.51	0.00
89	ADANI WIND ENERGY KUTCHH FOUR Ltd. Nakhatrana		30.05	0.00
90	AMBUJA CEMENTS LIMITED_PSS3		10.86	0.00
91	AMBUJA CEMENTS LIMITED_PSS4_Hybrid Wind		11.38	0.00
92	Adani Green Energy Twenty Five A Limited_PSS-2		40.53	0.00
93	Adani Green Energy Twenty Five B Limited(Wind)_PSS9		33.24	0.00
94	Adani Green Energy Twenty Five B Limited_PSS-2		100.74	0.00
95	Adani Green Energy Twenty Four A Limited_PSS-3		67.70	0.00
96	Adani Green Energy Twenty Six B Limited_Hybrid Wind_PSS10		30.17	0.00
97	Adani Green Energy Twenty Six B Limited_PSS-2		29.32	0.00
98	Adani Ports and Special Economic Zone Limited_PSS4_Wind		10.94	0.00
99	Adani Power Limited - Raigarh TPP		34.25	9.09
100	Adani Power Limited-Raipur TPP		22.35	14.95
101	Adani Renewable Energy Fifty Six Limited_PSS10		51.54	0.00
102	ArcelorMittal Nippon Steel India Private Limited		0.00	149.32
103	Ayana Renewable Power Four Private Limited_Solar		0.41	0.00
104	Ayana Renewable Power Four Private limited_Hybrid_WindPower		0.08	0.00

**18. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स.आई.एल.)
POWER MARKET INFORMATION (Source IEX & PXIL)**

पावर एक्सचेंज के माध्यम से विनियम - माह:- अगस्त 2025
EXCHANGES THROUGH POWER EXCHANGES - AUGUST 2025

क्र. स. S. No.	क्षेत्रीय कार्ड Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.यु.से) Through Power Exchange in MU (DAM+HP DAM+RTM)	
			पावर एक्सचेंज के माध्यम से (मि.यु.से) Through Power Exchange in MU (DAM+HP DAM+RTM)	पावर एक्सचेंज के माध्यम से (मि.यु.से) Through Power Exchange in MU (DAM+HP DAM+RTM)
105	BHARAT ALUMINIUM COMPANY LTD	पश्चिमी क्षेत्र WR	16.56	0.00
106	Blue Leaf Energy Renewables Private Limited_Hybrid_Solar		9.88	0.00
107	Blue Leaf Energy Renewables Private Limited_Hybrid_Wind		25.31	0.00
108	CONTINUUM POWER TRADING (TN) PRIVATE LIMITED		2.37	0.00
109	Chhattisgarh		167.12	110.46
110	D B Power Limited		47.79	0.00
111	DHARIWAL STU OTH		8.57	0.00
112	Daman and Diu - Dadra and Nagar Haveli		0.53	258.54
113	Dhariwal ISTS		2.13	0.00
114	GMR Warora Energy Limited		3.02	0.00
115	Goa WR		15.46	3.25
116	Gujarat		48.91	1969.29
117	Jaypee Nigrie Super Thermal Power Plant		141.70	0.00
118	Jhabua Power Limited		3.48	0.00
119	Jindal Power Limited, Stage-1		55.27	7.13
120	Jindal Power Limited, Stage-2		186.31	0.34
121	Jindal Steel & Power Ltd , DCPP		16.66	9.15
122	KSK MAHANADI POWER COMPANY LIMITED		80.27	3.03
123	MAHAN ENERGEN LIMITED U#1		87.94	0.00
124	MAHAN ENERGEN LIMITED U#2		23.73	0.00
125	MB POWER (MADHYA PRADESH) LIMITED		84.23	2.74
126	Madhya Pradesh		637.91	112.66
127	Maharashtra		126.62	1430.85
128	Maruti Clean Coal and Power Limited		5.72	0.00
129	NTPC Gadarwara		22.45	0.00
130	NTPC Jhanor Gandhar GPS		0.00	1.11
131	NTPC Kawas GPS		0.00	0.67
132	NTPC Korba Stage I &II		21.42	0.00
133	NTPC Korba Stage III		7.45	0.00
134	NTPC Lara Stage I		14.23	0.00
135	NTPC Mouda Stage I		5.56	0.00
136	NTPC Mouda Stage II		7.01	0.00
137	NTPC SAIL POWER COMPANY LIMITED		0.21	0.00
138	NTPC SOLAPUR SOLAR PV Station		1.38	0.00
139	NTPC Sipat Stage I		29.34	0.00
140	NTPC Sipat Stage II		7.13	0.00
141	NTPC Solapur		4.92	0.00
142	NTPC VindhyaChal Stage I		16.03	0.00
143	NTPC VindhyaChal Stage II		13.24	0.00
144	NTPC VindhyaChal Stage III		6.79	0.00
145	NTPC VindhyaChal Stage IV		12.87	0.00
146	NTPC VindhyaChal Stage V		6.57	0.00
147	NTPC Khargone		5.57	0.00
148	Nani Virani Wind Energy Private Limited		1.64	0.00
149	O2 RENEWABLE ENERGY III PRIVATE LIMITED(Teq green X1 Merchant)		2.89	0.00
150	R.K.M POWERGEN PRIVATE LIMITED		6.87	0.00
151	RENEW GREEN (MHP ONE) PRIVATE LIMITED		12.58	0.00
152	RENEW GREEN (MHS ONE) PRIVATE LIMITED_SOLAR_HYBRID		3.05	0.00
153	RENEW GREEN (MHS THREE) PRIVATE LIMITED_HYBRID_SOLAR		10.79	0.00
154	Ratnagiri Gas & Power Private Limited		0.00	3.15

18. पावर मार्केट की सचिना (स्रोत : आई.ई.एक्स. पर एंपी.एक्स.आई.एल.)
POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनियम - माह:- अगस्त 2025
EXCHANGES THROUGH POWER EXCHANGES - AUGUST 2025

क्र. स. S. No.	क्षेत्रीय इकाई Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.यु. से) Through Power Exchange in MU (DAM+HP DAM+RTM)	
155	SKS Power Generation Chhattisgarh Limited	दक्षिणी क्षेत्र SR	32.48	4.80
156	Sasan Power Limited		50.74	0.00
157	TEQ GREEN POWER XI PRIVATE LIMITED_C&I(Hybrid_solar)		1.18	0.00
158	TEQ GREEN POWER XI PRIVATE LIMITED_C&I(Hybrid_wind)		4.77	0.00
159	TRN ENERGY PRIVATE LIMITED		10.73	0.00
160	The Tata Power Co Ltd (MTPS)		0.00	7.09
161	WIND FIVE RENERGY LIMITED		6.21	0.00
162	AM GREEN ENERGY PRIVATE LIMITED Solar		13.05	0.00
163	Andhra Pradesh		223.46	428.33
164	COASTAL ENERGEN PRIVATE LIMITED		0.01	2.52
165	GREENKO AP01 IREP PRIVATE LIMITED_INFIRM_Drawee		0.00	42.65
166	GREENKO AP01 IREP PRIVATE LIMITED_Infirm_Injectee		67.17	0.00
167	Goa SR		0.12	1.73
168	Greenko AP01 IREP Private Limited_Start UP		0.00	1.93
169	IL&FS TAMIL NADU POWER COMPANY LIMITED		2.39	0.00
170	JINDAL POWER LIMITED SIMHAPURI		51.61	0.00
171	KLEIO SOLAR POWER PRIVATE LIMITED (Solar)	दक्षिणी क्षेत्र SR	14.19	0.00
172	KLEIO SOLAR POWER PRIVATE LIMITED (Wind)		33.19	0.00
173	Karnataka		311.57	133.68
174	Kerala		20.72	122.04
175	MEENAKSHI ENERGY LIMITED		1.04	18.31
176	Meenakshi Energy Limited (Ph2)		10.40	26.49
177	NLC INDIA LIMITED NEYVELI NEW THERMAL POWER STATION		4.77	0.00
178	NLC INDIA LIMITED THERMAL POWER STATION I EXPANSION		5.49	0.00
179	NLC INDIA LIMITED THERMAL POWER STATION II EXPANSION		4.23	0.00
180	NLC INDIA LIMITED THERMAL POWER STATION II STAGE I		3.80	0.00
181	NLC INDIA LIMITED THERMAL POWER STATION II STAGE II		6.39	0.00
182	NLC Tamilnadu Power Limited		24.27	0.00
183	NTECL VALLUR		1.01	0.00
184	NTPC KUDGI		0.93	0.00
185	NTPC Ramagundam Stage I &II		4.33	0.00
186	NTPC Ramagundam Stage III		0.86	0.00
187	NTPC Simhadri Stage I		2.12	0.00
188	NTPC Simhadri Stage II		4.38	0.00
189	NTPC Talcher Super Thermal Power Station Stage II		27.40	0.00
190	NTPC Telangana		6.81	0.00
191	OSTRO KANNADA POWER PRIVATE LIMITED		14.35	0.00
192	Pondicherry UT		9.96	4.26
193	RENEW SURYA ROSHNI PRIVATE LIMITED Koppal PS	दक्षिणी क्षेत्र SR	1.03	0.00
194	Ramagundam Floating solar		8.00	0.00
195	ReNew Surya Roshni Private Limited_Gadag		14.03	0.00
196	SEIL ENERGY INDIA LIMITED		11.43	0.19
197	SEIL Energy India Limited Project II		23.83	0.22
198	Serentica Renewables India 1 Private Limited		0.05	0.00
199	Serentica Renewables India 3 Private Limited (Solar)		0.40	0.00
200	Simhadri FSP 15 MW		1.32	0.00
201	Simhadri Floating solar (10 MW)		1.31	0.00
202	Sprng Akshaya Urja Private Limited		0.53	0.00
203	Tamil Nadu		695.34	507.38
204	Telangana		400.09	1157.74

18. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. पर एंपी.एक्स.आई.एल.)
POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनियम - माहः- अगस्त 2025
EXCHANGES THROUGH POWER EXCHANGES - AUGUST 2025

क्र. स. S. No.	क्षेत्रीय इकाई Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.यु. से) Through Power Exchange in MU (DAM+HP DAM+RTM)	
			पावर एक्सचेंज के माध्यम से (मि.यु. से) Through Power Exchange in MU (DAM+HP DAM+RTM)	पावर एक्सचेंज के माध्यम से (मि.यु. से) Through Power Exchange in MU (DAM+HP DAM+RTM)
205	Zenataris Renewable Energy Private Limited		14.75	0.00
206	ADHUNIK POWER & NATURAL RESOURCES LIMITED		0.07	0.00
207	Basochhu Hydropower Plant Bhutan		32.59	0.00
208	Bihar		281.04	100.71
209	Chuzachen HEP		0.02	0.00
210	Damodar Valley Corporation		37.07	237.93
211	Dikchu Hydro Electric Project (Sneha Kinetic Power Projects Pvt. Ltd.)		40.08	0.00
212	GMR KAMALANGA ENERGY LTD-CTU		1.91	0.00
213	JORETHANG LOOP HEP, DANS ENERGY PRIVATE LIMITED		0.54	0.00
214	JSW ENERGY (UTKAL) LIMITED		68.64	6.08
215	Jharkhand		33.56	51.71
216	Jindal India Power Limited		95.67	0.00
217	KALI GANDAKI NEPAL ELECTRICITY AUTHORITY		92.88	0.00
218	KANTI BIJLEE UTPADAN NIGAM LIMITED		4.52	0.00
219	Kabeli B-1 Hydro Power Project NEPAL ELECTRICITY AUTHORITY		5.38	0.00
220	LIKHU-IV NEA		13.63	0.00
221	Lower Modi Hydro Power Project NEPAL ELECTRICITY AUTHORITY		2.48	0.00
222	MAITHON POWER LIMITED		1.30	0.00
223	MARSYANGDI NEPAL ELECTRICITY AUTHORITY		26.71	0.00
224	NABINAGAR POWER GENERATING COMPANY LIMITED		18.03	0.00
225	NEA Nepal Upper Dordi A Hydropower Project	पूर्वी क्षेत्र ER	4.81	0.00
226	NEPAL ELECTRICITY AUTHORITY-MIDDLE MARSYANGDI		33.57	0.00
227	NTPC BARH Stage I		9.29	0.00
228	NTPC BARH Stage II		1.65	0.00
229	NTPC Darlipali		10.99	0.00
230	NTPC Farakka stage I		15.48	0.00
231	NTPC Farakka stage III		4.53	0.00
232	NTPC Kahalgaon stage I		8.61	0.00
233	NTPC Kahalgaon stage II		15.47	0.00
234	NTPC North Karanpura STPS		16.25	0.00
235	NTPC Talcher Stage I		12.10	0.00
236	NTPP BRBCL		7.03	0.00
237	Nikachhu Hydropower Project		20.39	0.00
238	Odisha		244.87	363.91
239	Rongnichu HEP		82.71	0.00
240	Sikkim		34.33	0.19
241	Solu Hydropower Project NEPAL ELECTRICITY AUTHORITY		3.97	0.00
242	Suchhu HEP		3.01	0.00
243	Tashiding HEP, Shiga Energy Private Limited		1.07	0.00
244	West Bengal		104.92	1060.24
245	AGARTALA GAS BASED POWER STATION		19.91	0.00
246	ASSAM GAS BASED POWER STATION		1.87	0.00
247	Arunachal Pradesh		30.52	0.66
248	Assam		308.80	11.95
249	Bongaigaon Thermal Power Station NTPC		6.54	0.00
250	KAMENG HYDRO POWER STATION		18.16	0.00
251	Manipur		9.22	9.63
252	Meghalaya		50.25	16.37
253	Mizoram		37.83	0.00
254	Nagaland		16.54	2.00
255	Palatana Plant		12.17	0.00
256	Tripura		13.71	9.58
	Total		10884	10884

19. अक्षय ऊर्जा प्रमाणपत्र तंत्र संबंधी विवरण

19. INFORMATION ABOUT RENEWABLE ENERGY CERTIFICATE MECHANISM

माह : अगस्त 2025

MONTH : AUGUST 2025

नवीकरणीय स्रोत एवं इकाई-वार विवरण (01.08.2025-31.08.2025)

RE Source & Unit wise break up (01.08.2025-31.08.2025)

क्रमांक Sr.No	स्रोत-वार Source Wise	मान्यता Accreditation		पंजीकरण Registration	
		क्षमता (मेगावाट) Capacity (MW)	इकाई Unit	क्षमता (मेगावाट) Capacity (MW)	इकाई Unit
1	पवन Wind	62	2	0	0
2	शहरी या नगरपालिका अपशिष्ट Urban or Municipal Waste	0	0	0	0
3	सौर तापीय Solar Thermal	0	0	0	0
4	सौर पीवी Solar PV	280	9	256	2
5	लघु जलविद्युत Small Hydro	0	0	0	0
6	अन्य Others	0	0	0	0
7	भू-तापीय Geothermal	0	0	0	0
8	जैव ईंधन स्रोत Biomass	0	0	0	0
9	जैव ईंधन सह-उत्पादन Bio-fuel cogeneration	0	0	0	0
	कुल Total	342	11	256	2

01.08.2025 से 31.08.2025 के दौरान जारी किए गए अक्षय ऊर्जा प्रमाणपत्र

RECs Issued (01.08.2025-31.08.2025)

Sr.No.	गैर-सौर Non Solar	सौर Solar	कुल Total
1	3716468	92754	3809222

01.08.2025 से 31.08.2025 के दौरान अक्षय ऊर्जा प्रमाणपत्रों का मोचन

Redemption of REC (01.08.2025-31.08.2025)

Sr.No.	गैर-सौर Non Solar	सौर Solar	कुल Total
1	4989547	24144	5013691

19. अक्षय ऊर्जा प्रमाणपत्र तंत्र संबंधी विवरण

19. INFORMATION ABOUT RENEWABLE ENERGY CERTIFICATE MECHANISM

माह : अगस्त 2025

नवीकरणीय स्रोत एवं इकाई-वार विवरण (अप्रैल 2025 - मार्च 2026)
RE Source & Unit wise break up (Apr'25-Mar'26)

क्रमांक Sr.No	स्रोत-वार Source Wise	मान्यता Accreditation		पंजीकरण Registration	
		क्षमता (मेगावाट) Capacity (MW)	इकाई Unit	क्षमता (मेगावाट) Capacity (MW)	इकाई Unit
1	पवन Wind	340	6	298	16
2	शहरी या नगरपालिका अपशिष्ट Urban or Municipal Waste	0	0	0	0
3	सौर तापीय Solar Thermal	0	0	0	0
4	सौर पीवी Solar PV	1799	16	3953	13
5	लघु जलविद्युत Small Hydro	0	0	14	1
6	अन्य Others	0	0	0	0
7	भू-तापीय Geothermal	0	0	0	0
8	जैव ईंधन स्रोत Biomass	0	0	0	0
9	जैव ईंधन सह-उत्पादन Bio-fuel cogeneration	0	0	0	0
	कुल Total	2139	22	4265	30

अप्रैल 2025 - मार्च 2026 के दौरान जारी किए गए अक्षय ऊर्जा प्रमाणपत्र
RECs Issued (Apr'25-Mar'26)

Sr.No.	गैर-सौर Non Solar	सौर Solar	कुल Total
1	22565966	591874	23157840

अप्रैल 2025 - मार्च 2026 के दौरान अक्षय ऊर्जा प्रमाणपत्रों का मोचन
Redemption of REC (Apr'25-Mar'26)

Sr.No.	गैर-सौर Non Solar	सौर Solar	कुल Total
1	18415300	170509	18585809

19. अक्षय ऊर्जा प्रमाणपत्र तंत्र संबंधी विवरण

19. INFORMATION ABOUT RENEWABLE ENERGY CERTIFICATE MECHANISM

माह : अगस्त 2025

**नवीकरणीय स्रोत एवं इकाई वार विवरण प्रारंभ से – अगस्त 2025
RE Source & Unit wise break up Since Inception to August'25**

क्रमांक Sr.No	स्रोत-वार Source Wise	मान्यता Accreditation		पंजीकरण Registration	
		क्षमता (मेगावाट) Capacity (MW)	इकाई Unit	क्षमता (मेगावाट) Capacity (MW)	इकाई Unit
1	पवन Wind	3672	545	3433	544
2	शहरी या नगरपालिका अपशिष्ट Urban or Municipal Waste	12	1	12	1
3	सौर तापीय Solar Thermal	0	0	0	0
4	सौर पीवी Solar PV	7306	579	6665	513
5	लघु जलविद्युत Small Hydro	883	44	895	46
6	अन्य Others	4	2	3	1
7	भू-तापीय Geothermal	0	0	0	0
8	जैव ईंधन स्रोत Biomass	402	37	378	35
9	जैव ईंधन सह-उत्पादन Bio-fuel cogeneration	823	91	383	55
	कुल Total	13102	1299	11769	1195

प्रारंभ से अगस्त 2025 के दौरान जारी किए गए अक्षय ऊर्जा प्रमाणपत्र

RECs Issued since Inception to August'25

Sr.No.	गैर-सौर Non Solar	सौर Solar	कुल Total
1	178510046	15340712	193850758

प्रारंभ से अगस्त 2025 के दौरान अक्षय ऊर्जा प्रमाणपत्रों का मोचन

Redemption of REC since Inception to Aug'25

Sr.No.	गैर-सौर Non Solar	सौर Solar	कुल Total
1	126435076	13177325	139612401

अक्षय ऊर्जा प्रमाणपत्र का समापन शेष दिनांक 31.08.2025 तक

REC Closing balance as on 31.08.2025

Sr.No.	गैर-सौर Non Solar	सौर Solar	कुल Total
1	35729867	1721005	37450872

20. Details of Grid Events during the Month of August 2025

Details of Grid Events during the Month of August 2025 in Northern Region														Elements Tripped				
Sl No.	Category of Grid Event (GI for GI 2/ GD-I to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (H:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation Load in the Regional Grid during the Grid Event	Antecedent Generation/Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)				Elements Tripped			
						Generation Loss(MW)	Load Loss (MW)		% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)					Elements Tripped	
1	GD-1	Himachal Pradesh	07-08-2025 16:38	07-08-2025 18:12	01:34	210	0	0.31%	0.00%	66760	73862	<p>i) Generation of AD Hydro HEP (2*96 MW) evacuates through 220kV AD Hydro-Nallagarh line (~175km) and 220kV AD Hydro-Phozal line (~14km) -> 220kV Phozal-Nallagarh Line. Both the lines are on same tower. There is LILo portion at 220/33kV Phozal in second line.ii) During antecedent condition, 96 MW Unit-1 and Unit-2 at AD Hydro HEP(IP) were generating approx. 210 MW, 220kV AD Hydro-Nallagarh line and 220kV AD Hydro-Phozal line were carrying ~132 MW & 97 MW respectively.</p> <p>iii) As reported at 16:38 hrs, 220kV AD Hydro-Phozal line tripped on Y-B end at distance ~5.4km from AD Hydro end. Fault occurred due to falling of tree on the line. iv) As per PMU & DR, Y-B-N fault in Z-1 from AD Hydro end which cleared within 1.00msec is observed. Fault current was 2v.7kA, B-3.5kA. At the same time, B-ph of 220kV AD Hydro-Nallagarh line also opened from one end (charging current observed in B-ph).v) Further after ~400 msec, 220kV AD Hydro-Nallagarh line tripped on R-Y fault. Fault was in Z-1 (5.4km) and fault current of I= 2.5kA, Iy=1.19kA from AD Hydro end vi) With the tripping of both the evacuating lines, 96 MW Unit-1 and Unit-2 at AD Hydro HEP (generating ~210 MW) tripped due to loss of evacuation path. vii) As per SCADA plot of AD Hydro HEP generation, loss of ~210 MW is observed and as per SCADA plot of HP demand, no change in HP demand is observed during the event. viii) Hydro for both the lines. It was found that an uprooted Deodar tree had fallen across the span between Tower No. 27 and 28 at Sajla Village, causing the snapping of the bottom conductor of 220 KV AD Hydro-Phozal line. No abnormalities found in 220kV AD Hydro-Nallagarh line and line was restored at 18:12 hrs. 220 KV AD hydro-Phozal line was restored at 18:59 hrs on 08.08.2025.</p>				1) 220 KV AD Hydro(AD)-Phozal(HP) (ADHPL) Ckt-1 2) 220 KV AD Hydro(AD)-Nallagarh(PG) (ADHPL) Ckt-3 3) 96 MW Unit-1 at AD Hydro HEP 4) 96 MW Unit-2 at AD Hydro HEP		
2	GD-1	Himachal Pradesh	07-08-2025 23:33	08-08-2025 00:20	00:47	210	0	0.37%	0.00%	56827	76826	<p>i) Generation of AD Hydro HEP (2*96 MW) evacuates through 220kV AD Hydro-Nallagarh line (~175km) and 220kV AD Hydro-Phozal line (~14km) -> 220kV Phozal-Nallagarh Line. Both the lines are on same tower. There is LILo portion at 220/33kV Phozal in second line.</p> <p>ii) During antecedent condition, 96 MW Unit-1 and Unit-2 at AD Hydro HEP(IP) were generating approx. 210 MW. 220kV AD Hydro-Phozal line was already under tripped condition since 16:38 hrs due to snapping of conductor between tower location no. 27 & 28. Generation of AD Hydro was evacuating through 220kV AD Hydro-Nallagarh line only.</p> <p>iii) As reported at 23:33 hrs, 220 KV AD Hydro(AD)-Nallagarh(PG) (ADHPL) Ckt tripped due to B-N phase to earth fault. Line successfully autoreclosed from AD Hydro end however it tripped from Nallagarh end due to pole discrepancy issue in A/R operation.</p> <p>iv) As per DR of AD Hydro end, B-N fault (1.5kA) was sensed in Z-1(120km from Nallagarh end) and line successfully autoreclosed after dead time. However, line tripped from Nallagarh end due to issue in A/R operation.</p>				1) 220 KV AD Hydro(AD)-Nallagarh(PG) (ADHPL) Ckt-1 2) 96 MW Unit-1 at AD Hydro HEP 3) 96 MW Unit-2 at AD Hydro HEP		
3	GI-2	Uttar Pradesh	08-08-2025 21:33	08-08-2025 23:54	02:21	610	0	1.11%	0.00%	55164	74849	<p>i) 265/400kV Bara(UP) S/s has one and half breaker bus scheme at both 765kV and 400kV level. During antecedent condition, 660 MW Bara PPGCL TPS - UNIT 1, 2 & 3 were carrying 614 MW, 610 MW and 546 MW.</p> <p>ii) As reported at 21:33 hrs, R-phase pole of Z10 main circuit breaker got damaged. This triggered the Bus Bar Protection operation at 765kV Bus 2 at Bara(UP) resulting in the tripping of all main CBs connected to Bus-2.</p> <p>iii) However, Tie CB of 765/400 KV 1500 MVA ICT-2 at Bara (UP) has also tripped resulting in tripping of ICT-2 (wrong busbar logic suspected).</p> <p>iv) During the same time, 765 KV Bara-Mainpuri (UP) Ckt-2 tripped from Mainpuri end only due to Zone-2 distance protection operation at the Mainpuri end. However, line remained charged through the tie bar from the Bara end.</p> <p>v) Due to tripping of 765 KV Bara-Mainpuri (UP) Ckt-2 and 765/400 KV 1500 MVA ICT-2 at Bara (UP) and as total Ex-Bus Generation at Bara TPS was more than 1400MW during antecedent condition, Case-3 of "SPS for safe evacuation of Bara TPS Generation" operating resulted in tripping of 660 MW Bara PPGCL TPS - UNIT 2.</p> <p>vi) As per PMU at Mainpuri(PG), R-N phase to earth fault was observed with delayed fault clearing time of 360 ms.</p> <p>vii) As per SCADA, no change in demand of UP control area and generation loss of approx. 610 MW at Bara TPS was observed.</p>				1) 765KV Bus 2 at Bara(UP) 2) 765/400 KV 1500 MVA ICT-2 at Bara(UP) 3) 765 KV Bara-Mainpuri (UP) Ckt-2 4) 660 MW Bara PPGCL TPS - UNIT 2		
4	GI-1	Uttarakhand	17-08-2025 03:03	17-08-2025 03:30	00:27	185	0	0.29%	0.00%	64053	75992	<p>i) 220kV Khodri(UK) and 220kV Chhibro(UP) generating station have 4 generating units each of 30MW and 60MW respectively and have double main bus scheme.</p> <p>ii) During antecedent condition, 30 MW Unit-1, 2, 3 & 4 at Khodri(UK) were in running condition and were generating approx. 23 MW, 22 MW, 23 MW and 22 MW respectively. Also, 60 MW Unit-1, 2, 3 & 4 at Chhibro(UP) were in running condition and were generating approx. 52 MW, 54 MW, 45 MW and 50 MW respectively (as per SCADA). iii) As reported, at 03:03 hrs, fault occurred at 220kV Majri-VISCO feeder as VISCO 220kV overhead panel caught fire due to overheating at VISCO end. It led to the tripping of 220 KV Khodri(UK)-Majri(HP) (UK) Ckt-1 & 2. iv) As per FIR and TR received, 220 KV Khodri(UK)-Majri(HP) (UK) Ckt-1 tripped on zone-4 distance protection operation at Majri end and zone-3 distance protection operation at Khodri end sensing the fault at a distance of 38.24 km from Khodri end. As per DR, fault current was I=1171A, Iy=1185A and Ib=1156A from Khodri end.v) 220 KV Khodri(UK)-Majri(HP) (UK) Ckt-2 tripped from Majri(HP) end only due to over-current protection operation at Majri end. As per DR, fault current was I=608A, Iy=622A and Ib=608A from Khodri end and fault persisted for 1.518s in this ckt. vi) During the same time, 220/132 KV 100 MVA ICT at Khodri(UP) tripped on Earth fault Protection Operation. vii) Further, 30 MW Unit-1, 2, 3 & 4 at Khodri(UP) tripped on GT Stand-by E/F protection and 60 MW Unit-3 & 4 at Chhibro(UP) tripped on GT Instantaneous Earth fault protection (SONT) operation and Generator Negative phase Sequence Protection operation respectively.viii) As per PMU at Dehradun(PG), R-N phase to earth fault with delayed fault clearing time of 520 msec was observed. ix) As per SCADA, Reduction in Generation of approx. 234 MW in Uttarakhand control area including generation loss of 185 MW [90 MW at Khodri(UP) and 95 MW at Chhibro(UP)] was observed.</p>				1) 220 KV Khodri(UP)-Majri(HP) (UK) Ckt-1 2) 220 KV Khodri(UP)-Majri(HP) (UK) Ckt-2 3) 220/132 KV 100 MVA ICT at Khodri(UP) 4) 30 MW Unit-1 at Khodri(UP) 5) 30 MW Unit-2 at Khodri(UP) 6) 30 MW Unit-3 at Khodri(UP) 7) 30 MW Unit-4 at Khodri(UP) 8) 30 MW Unit-3 at Chhibro(UP) 9) 30 MW Unit-4 at Chhibro(UP)		
5	GI-2	Uttarakhand	18-08-2025 04:39	18-08-2025 05:09	00:30	0	250	0.00%	0.38%	48525	66492	<p>i) 400/220kV Kashipur(UP) has one and half bus scheme at 400kV level and double main transfer bus scheme at 220kV level. There are 2*315 MVA ICTs at Kashipur and SPS has also been in service at Kashipur in view of N-1 non-complaint ICTs.</p> <p>ii) During antecedent condition, 400/220kV 2*315 MVA ICTs at Kashipur were in service. At 04:39 hrs, Y-N fault occurred on 220kV Kashipur-Jafarpur line. Fault occurred due to failure of suspension clamp at Tower No. 134 (~44 km from Kashipur and ~10 km from Jafarpur end). On this fault, distance protection at both the ends, initiated A/R. Line tripped from Jafarpur end after unsuccessful A/R operation due to permanent nature of fault. However, due to issue in Group-A auxiliary relay at Kashipur end, tripping command didn't initiate on permanent fault after A/R attempt.</p> <p>iii) As fault was still persisting, 220kV Kashipur-Pantnagar line tripped from Pantnagar end in Z-3 and 400/220kV ICTs at Kashipur tripped on overcurrent protection operation. At the same time, case-2 of SPS for ICTs at Kashipur also operated. This further led to tripping of 220kV Kashipur-Jafarpur line at Kashipur end and 132kV Kashipur-Jafarpur line.</p> <p>v) As per PMU at Dehradun(PG), Y-N phase to earth fault with unsuccessful A/R and delayed clearance of ~1640 msec is observed.</p> <p>vi) As per DR of 220kV Kashipur-Jafarpur line, line didn't trip from Kashipur end on permanent fault after A/R attempt. Further, fault persisted for ~1.5 sec.</p> <p>vii) As per SCADA, change in demand of approx. 265 MW is observed in Uttarakhand control area.</p>				1) 220kV Kashipur-Jafarpur line 2) 220kV Kashipur-Pantnagar Line 3) 400/220kV 315 MVA ICT-1 at Kashipur(UP) 4) 400/220kV 315 MVA ICT-2 at Kashipur(UP) 5) 132kV Kashipur-Jafarpur Line		
6	GI-2	Uttarakhand	18-08-2025 05:27	18-08-2025 06:13	00:46	0	85	0.00%	0.13%	48278	64646	<p>i) 400/220kV Kashipur(UP) has one and half bus scheme at 400kV level and double main transfer bus scheme at 220kV level. There are 2*315 MVA ICTs at Kashipur and SPS has also been in service at Kashipur in view of N-1 non-complaint ICTs.</p> <p>ii) During antecedent condition, 400/220kV 2*315 MVA ICTs at Kashipur were in service. At 04:39 hrs, multiple elements tripped at Kashipur due to fault on 220kV Kashipur-Jafarpur line.</p> <p>iii) As reported, at 05:27 hrs, charging attempt of 220kV Kashipur-Jafarpur line was taken. However, Y-N fault was still persisting, leading to tripping of line from Jafarpur end instantaneously. Line didn't trip from Kashipur end due to issue in Group-A auxiliary relay at Kashipur end.</p> <p>iv) Further, as fault was still persisting, 400/220kV ICTs at Kashipur tripped on overcurrent protection operation.</p> <p>v) At the same time, 400kV Kashipur-Moradabad Line also tripped from Kashipur end in Z-3. However, as per protection philosophy, this protection shouldn't have operated.</p> <p>vi) As per PMU at Dehradun(PG), Y-N phase to earth fault with delayed clearance of ~1440 msec is observed.</p> <p>vii) As per DR of 220kV Kashipur-Jafarpur line, line didn't trip from Kashipur end on fault during charging attempt. Further, fault persisted for ~1.5 sec.</p> <p>viii) As per SCADA, change in demand of approx. 85 MW is observed in Uttarakhand control area.</p> <p>ix) During patrolling, it was found that fault occurred due to failure of suspension clamp at Tower No. 134 (~44 km from Kashipur and ~10 km from Jafarpur end).</p>				1) 220kV Kashipur-Jafarpur line 2) 400/220kV 315 MVA ICT-1 at Kashipur(UP) 3) 400/220kV 315 MVA ICT-2 at Kashipur(UP) 4) 400kV Kashipur(UP)-Moradabad(UP) (UK) Line		

Details of Grid Events during the Month of August 2025 in Northern Region

Sl No.	Category of Grid Event (GI for GI 2 / GD-I to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event	Antecedent Generation/Load in the Regional Grid*	Brief details of the event (pre fault and post fault system conditions)				Elements Tripped
						Generation Loss(MW)	Load Loss (MW)			Antecedent Generation (MW)	Antecedent Load (MW)			
7	GI-2	Uttar Pradesh	19-08-2025 03:12	19-08-2025 06:09	02:57	0	0	0.00%	0.00%	64053	75992	i) During antecedent condition, station power flow was 500 MW in West to North direction (250 MW in each BLOCK). ii) As reported, at 03:12 hrs, 400 KV VindhyaChal(PG)-VindhyaChal(NT) (PG) Ckt-1 tripped from VindhyaChal(NT) end only due to tripping of NTPC VindhyaChal Generating Unit#3 & Units# (210 MW each) which further led to de-energization of West bus#1. iii) 20 KV VindhyaChal(PG) Pole-1 tripped due to loss of west bus#1 Voltage. iv) During the same time, Voltage dip occurred (@ >85%) in 6.6KV auxiliary bus due to sudden isolation of Unit#3&5, feeding auxiliary power to HVDC Block#1 & 2 and four 6.6KV auxiliary feeders (B1A-5BB 29, B2L- 5BA 28, B1L-B-3BA 28, B2L-B-3BA 30) subjected to under voltage. v) 20 KV VindhyaChal(PG) Pole-2 tripped due to loss of auxiliary supply to converter water cooling system. vi) As per SCADA, total station power flow reduced from ~500 MW to 0 MW. vii) As per PMU at Varanasi(PG), no fault however fluctuation in voltage was observed. viii) As per SCADA, no change in demand was observed in Northern region.		1) 400 KV VindhyaChal(PG)-VindhyaChal(NT) (PG) Ckt-1 2) 70 KV VindhyaChal(PG) Pole-1 3) 70 KV VindhyaChal(PG) Pole-2
8	GD-1	Himachal Pradesh	20-08-2025 11:08	Revived (Status as on 28.08.2025)	Not Yet Revived (Status as on 28.08.2025)	210	0	0.33%	0.00%	63198	73009	i) Generation of AD Hydro HEP (2*96 MW) evacuates through 220kV AD Hydro-Nallagarh line (~175km) and 220kV AD Hydro-Phozal line(~14km) -> 220kV Phozal-Nallagarh line. Both the lines are on same tower. There is LLOD portion at 220/33kV Phozal in second line. ii) During antecedent condition, weather condition was inclement (heavy rain) and 96 MW Unit-1 & 2 at AD Hydro HEP(IP) were generating approx. 210 MW. 220kV AD Hydro-Nallagarh line and 220kV AD Hydro-Phozal line were carrying ~124 MW & 96 MW respectively. iii) As reported at 11:08 hrs, 220kV AD Hydro-Nallagarh line and 220kV Phozal-Nallagarh Line tripped. As per details received, on 220kV AD Hydro-Nallagarh line, B-N fault followed by Y-N fault occurred at distance ~40km from AD Hydro end and on 220kV Phozal-Nallagarh line, R-N fault at distance ~45.3km from Phozal end occurred. During patrolling, tower at location no. 157 & 158 found damaged. iv) As per PMU & DR, B-N fault (at 11:08:42.800 of AD Hydro HEP generation, loss of ~210 MW is observed and as per SCADA plot of HP demand, no change in HP demand is observed during the event time. v) As reported, line patrolling was conducted by ADHPL team, which revealed that transmission line towers 157 and 158 of the 220kV AD Hydro-Nallagarh line, located near Brehan village (approximately 40.0 km from AD Hydro), were damaged after a big stone rolled down from the hill slope during a landslide and hit the middle conductor of the 220kV AD Hydro-Nallagarh line.		1) 220 KV AD Hydro(AD)-Nallagarh(PG) (ADHPL) Ckt-1 2) 220 KV Phozal(HP)-Nallagarh(PG) (ADHPL) Ckt-2 3) 96 MW Unit-1 at AD Hydro HEP 4) 96 MW Unit-2 at AD Hydro HEP
9	GD-1	Rajasthan	20-08-2025 15:53	20-08-2025 16:44	00:51	274	0	0.43%	0.00%	63998	72084	i) Generation of 220 KV AEGPL(IP) station evacuates through 220 KV Bhadla_2 (PG)-AEGLP_SI_BHD2_PG (AMP Energy Green Private Limited) Ckt-1 which is further connected to 220/33 KV 150 MVA ICT-1 & 2 at AEGPL_SI_BHD2_PG. During antecedent condition, 220 KV AEGPL(IP) was generating approx. 274 MW (as per SCADA and PMU). ii) As reported at 15:53 hrs, 220 KV Bhadla_2 (PG)-AEGLP_SI_BHD2_PG (AMP Energy Green Private Limited) Ckt-1 tripped due to flash over at 3.3 KV feeder cable in AEGLP resulting in 3-phase fault with fault current of $I_r=1.873 \text{ kA}$, $I_y=1.77 \text{ kA}$, $I_b=1.718 \text{ kA}$ from AEGLP(IP) end (exact nature of protection operation and exact location of fault yet to be shared). iii) Due to tripping of 220 KV Bhadla_2 (PG)-AEGLP_SI_BHD2_PG (AMP Energy Green Private Limited) Ckt-1, complete blackout occurred at 220 KV AEGPL(IP) 5/s due to loss of evacuation path and 220/33 KV 150 MVA ICT 1 & 2 at AEGLP_SI_BHD2_PG also tripped. iv) As per PMU at Bhadla(PG), 3-phase to earth fault with clearing time of 80 ms was observed. v) As per SCADA and PMU, generation loss of approx. 274 MW was observed at AEGLP(IP).		1) 220 KV Bhadla_2 (PG)-AEGLP_SI_BHD2_PG (AMP Energy Green Private Limited) Ckt-1 2) 220/33 KV 150 MVA ICT 1 at AEGLP_SI_BHD2_PG 3) 220/33 KV 150 MVA ICT 2 at AEGLP_SI_BHD2_PG
10	GI-2	Delhi	22-08-2025 18:13	22-08-2025 18:38	00:25	0	470	0.00%	0.66%	53982	71167	i) 220/33 KV 64KV Bawana(DTL) has one and half breaker scheme at 400kV level and double main and transfer bus scheme at 220kV level. ii) During antecedent condition, bus wise arrangement at 220kV Bawana was as follows: a. 220kV Bus- Ic-2: 220kV I/C of 315 MVA ICT-2, 200/66kV 100MVA Pr. Tr., 220kV Rohini-I ckt-1 & 2. b. 220kV Bus- II: 220kV I/C of 315 MVA ICT-3, 220kV Khanjwala ckt-1 & 2. c. 220kV Bus- III: 220kV I/C of 315 MVA ICT-1, 220kV Rohini-I ckt-1, 220kV Shalimarbagh Ckt-1 d. 220kV Bus- IV: 220kV I/C of 315 MVA ICT-4, 220kV Rohini-I ckt-2, 220kV Shalimarbagh Ckt-2 e. 220kV Bus- V: 220kV I/C of 315 MVA ICT-5, 220kV DSIDC Bawana Ckt-1 f. 220kV Bus- VI: 220kV I/C of 315 MVA ICT-6, 220kV DSIDC Bawana Ckt-2 g. 220kV Bus Section and Bus Coupler were closed. ii) As reported at 18:13 hrs, 215 MVA ICT-4 at Bawana(DTL) tripped on overflux protection operation. iv) During the same time, 220kV Bawana-Shalimarbagh (DTL) Ckt-3 & 2 tripped on zone-1 distance protection operation. During patrolling, OPGW on 220kV Bawana-Rohini-I (DTL) Ckt-2 was manually opened from Bawana and to protection the line from overloading. v) At 18:33 hrs, 220kV Rohini-I-Shalimarbagh (DTL) Ckt-1 was manually opened from Rohini-I end due to flash in Y-ph bus isolator at Shalimarbagh(DTL). vi) As per PMU at Maharsiabagh(PG), R-N phase to earth fault followed by B-N phase to earth fault with fault clearance time of respectively 480 ms (delayed) and 520 ms (delayed) was observed. vii) As per SCADA, change in demand of approx. 540 MW in Delhi control area was observed. But as reported by SLDC Delhi, load loss of approx. 470 MW occurred.		1) 400/220kV 215 MVA ICT-4 at Bawana(DTL) 2) 220kV Bawana-Shalimarbagh (DTL) Ckt-1 3) 220kV Bawana-Shalimarbagh (DTL) Ckt-2 4) 220kV Bawana-Rohini-I (DTL) Ckt-1 5) 220kV Bawana-Rohini-I (DTL) Ckt-2 6) 220kV Rohini-I-Shalimarbagh (DTL) Ckt-1

Details of Grid Events during the Month of August 2025 in Northern Region

Sl No.	Category of Grid Event (GI for GI 2 / GD-I for GD-S)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event	Antecedent Generation/Load in the Regional Grid*	Brief details of the event (pre fault and post fault system conditions)				Elements Tripped													
						Generation Loss(MW)	Load Loss (MW)			Antecedent Generation (MW)	Antecedent Load (MW)																
11	GD-1	Himachal Pradesh	24-08-2025 15:48	24-08-2025 16:44	00:56	756	0	1.65%	0.00%	45693	54913	i) 220KV Bhakra Right(BBMB) generating station has 6 generating units one unit of 126 MW and other 5 units of 157 MW each. ii) During the antecedent condition, 126 MW Unit-1 and 157 MW Unit-6, 7, 8, 9 & 10 at Bhakra Right(BB) were generating approx. 105 MW, 156 MW, 155 MW, 120 MW and 120 MW respectively (as per SCADA). iii) As reported, at 15:48 hrs, all the elements connected at 220KV Bhakra Right(BBMB) tripped due to LBB protection operation. During investigation, control cable of HFO protection circuit was found punctured. iv) As per PMU at Jalandhar(PG), R-N phase to earth fault with fault clearing time of 120 ms was observed. v) As per SCADA, hydro generation loss of approx. 756 MW at 220KV Bhakra Right(BB) generation loss was observed. vi) As informed by BBMB, the defective cable has been replaced with a new one.	1) 220 KV Bhakra_R-Jamalpur (BB) Ckt-1 2) 220 KV Bhakra_R-Jamalpur (BB) Ckt-2 3) 220 KV Bhakra_R(BB)-Mahilpur (PS) (PS) Ckt-1 4) 220 KV Bhakra_R(BB)-Mahilpur (PS) (PS) Ckt-2 5) 220 KV Bhakra_R-Gangwul (BB) Ckt-1 6) 220 KV Bhakra_R-Gangwul (BB) Ckt-2 7) 126 MW Unit-1 at Bhakra Right(BB) 8) 157 MW Unit-6 at Bhakra Right(BB) 9) 157 MW Unit-7 at Bhakra Right(BB) 10) 157 MW Unit-8 at Bhakra Right(BB) 11) 157 MW Unit-9 at Bhakra Right(BB) 12) 157 MW Unit-10 at Bhakra Right(BB)														
12	GI-2	Uttarakhand	24-08-2025 17:42	24-08-2025 18:50	01:08	470	0	1.03%	0.00%	45739	52552	i) 250 MW (PSP) TEHRI HPS - UNIT 5 and 6 are connected to same bus as 400KV Tehri HEP(TH). ii) During the antecedent condition, 250 MW (PSP) TEHRI HPS - UNIT 5 and 6 were generating approx. 252 MW and 218 MW respectively (as per SCADA). iii) As reported, at 17:42 hrs, 265 KV Gr.Noida_2(UP)-Meerut(PG) Ckt-1 tripped on Y-B phase to phase fault with fault location of 103.7km from Gr. Noida(UP) end. As per DR, fault current was Iy= -8.138KA_Ibr= 34.5KA from Gr. Noida(UP) end; fault sensed in zone-1 at Gr. Noida(UP). iv) During this fault, voltage dip was detected by AC excitation system(VSI) of 250 MW (PSP) TEHRI HPS - UNIT 5 and 6 which led to tripping of both the units of Tehri PSP. As per PMU at 400KV Bus-1 at Tehri(UP), voltage dipped upto 0.77 p.u. v) As per SCADA, hydro generation loss of approx. 470 MW was observed at 400KV Tehri PSP(TH). vi) As per SCADA, NR total solar generation loss of approx. 470 MW was observed at 400KV Tehri PSP(TH).	1) 765 KV Gr.Noida_2(UP)-Meerut(PG) (PG) Ckt-1 2) 250 MW (PSP) TEHRI HPS - UNIT 5 3) 250 MW (PSP) TEHRI HPS - UNIT 6														
13	GD-1	Rajasthan	29-08-2025 10:31	29-08-2025 17:33	07:02	183	0	0.31%	0.00%	59795	63522	i) Generation of 220 KV NTPC Devikot(NT) station evacuates through 220 KV Fatehgarh_1(PG)-Devikot SL_FTGH2 (NTPC_DEVIKOT) (NTPC_DEVIKOT) Ckt-1 which is further connected to 220/23 KV 100 MVA ICT-1, 2 & 3 n NTPC Devikot(NT). During antecedent condition, 220 KV NTPC Devikot(NT) was generating approx. 183 MW (as per PMU). ii) As reported, at 10:31 hrs, 220 KV Fatehgarh_1(PG)-Devikot SL_FTGH2 (NTPC_DEVIKOT) (NTPC_DEVIKOT) Ckt-1 tripped on wave trap fire due to K-Phase jumper broken. (Exact nature & location of fault, if any and details of protection operated yet to be shared by NTPC Green). iii) Due to tripping of 220 KV Fatehgarh_1(PG)-Devikot SL_FTGH2 (NTPC_DEVIKOT) (NTPC_DEVIKOT) Ckt-1, complete blackout occurred at 220 KV NTPC Devikot(NT) S/s due to loss of evacuation path. iv) As per PMU, generation loss of approx. 183 MW was observed at NTPC Devikot(NT). v) As per SCADA, NR total solar generation loss of approx. 187 MW was observed.	1) 220 KV Fatehgarh_1(PG)-Devikot SL_FTGH2 (NTPC_DEVIKOT) (NTPC_DEVIKOT) Ckt-1														
14	GI-2	Haryana	29-08-2025 00:11	29-08-2025 02:37	02:26	0	345	0.00%	0.49%	49934	70292	i) 220KV Samaypur(BBMB) has double main Bus scheme. There are 3 (three) 220KV busses i.e., Bus-1, Bus-2 and Bus-2B. 400/220KV 500 MVA ICT-1,2,3&4 at Balabagharp(G) feeds the 220KV Samaypur S/s/i). During the antecedent condition, bus sectioniser CB between 220KV Bus-2A and 2B was under shutdown for replacement of R-ph CT due to high Tan Delta value. 400/220KV 500 MVA ICT-2 damaged and created bus fault on 220KV Bus-2A. On this fault, bus bar protection operation, all the elements connected to 220KV Bus-2A also operated due to isolator status issue of Faridabad sec58 line-2. 220KV Bus-2B remained in service. Due to the bus bar protection operation, all the elements connected to 220KV Bus-1 & Bus-2A i.e., 400/220KV ICT-2,3&4 at Balabagharp(G), 220KV feeders to Balabagharp-I, II, III, IV, Badshahpur-I, Faridabad sec58-II, and Charkhi Dadri tripped. Elements connected to 220KV Bus-2B i.e., 400/220KV ICT-1 at Balabagharp(G), 220KV feeders to Balabagharp-I, II, III, IV, Badshahpur-II remained in service. At the same time, 220 KV Samaypur-Harfali line tripped from Harfali end only (recorded in SCADA SORE). Reason of the same yet to be received.vi)As per PMU, generation loss of approx. 220KV Samaypur-Harfali line is observed. vii) As per SCADA, change in demand of ~345 MW in Haryana control area is observed. viii) As informed by BBMB, during investigation it was found that isolator Status of Faridabad sec58 line-2 was absent due to LOGIC INPUT Card Faulty. As per scheme logic, in absence of isolator Status the numerical BUS BAR Protection issues the trip command to both parallel buses. Further, the faulty LOGIC INPUT Card of Faridabad sec58 line-2 at Samaypur S/s has been replaced with the healthy card on date 30.08.2025. 400/220KV ICT-2 at Balabagharp(G) is under shutdown for replacement of damaged CT.	1) 220KV Bus-1 at Samaypur (BBMB) 2) 220KV Bus-2 at Samaypur (BBMB) 3) 400/220KV 500 MVA ICT-2 at Balabagharp(G) 4) 400/220KV 500 MVA ICT-3 at Balabagharp(G) 5) 400/220KV 500 MVA ICT-4 at Balabagharp(G) 6) 220KV Samaypur-Charkhi Dadri line 7) 220KV Samaypur-Ballabagharp line-1 8) 220KV Samaypur-Ballabagharp line-2 9) 220KV Samaypur-Ballabagharp line-3 10) 220KV Samaypur-Badshahpur line-1 11) 220KV Samaypur-Faridabad Sec58 line-1 12) 220KV Samaypur-Faridabad Sec58 line-2 13) 220KV Samaypur-Harfali line														
15	GD-1	Punjab	30-08-2025 04:35	30-08-2025 06:02	01:27	0	180	0.00%	0.31%	46159	58539	i) 220 KV Ludhiana(PG) has double main Bus arrangement at 220KV side. There are two 220KV busses i.e., Bus-1 & 2. Further, Bus-2 is divided into two-part Bus-2A & Bus-2B. 400/220KV Panipat(BBMB) feeds the load of 220KV Dhuklote, Narela (Rohatka Road), Pipli and some radial load connected through Panipat Th(HR). ii) During antecedent condition, load connected at Panipat(BBMB) was being fed through 400/220KV ICT-1 & 2 at Panipat(BB) which were carrying 286 MW & 319 MW respectively and 220KV Panipat-Charkhi Dadri line which was carrying "112 MW. Apart from the 220KV Dhuklote-Miss Gangawal D/C were under shutdown. iii) As reported, at 04:35 hrs, Y-ph CT clamp of 220 KV Ludhiana(PG)-Laitokalan(PS) (PSTCL) Ckt-2 broke at Laitokalan end. As per DR, 220 KV Ludhiana(PG)-Laitokalan(PS) (PSTCL) Ckt-2 didn't pick up due to this fault hence other lines connected to Bus-1 220 KV Laitokalan - Hambran - (PS) Ckt-1 and 220 KV Laitokalan - Jagroon (PS) Ckt-4 tripped from remote end to zone-2 lines indicated.v) Isolator protection at Laitokalan end-2 was kept at 350ms, hence line tripped from remote end. vi) Further after 720 ms of occurrence of this fault (as per PMU), 220 KV Ludhiana(PG)-Laitokalan(PS) (PSTCL) Ckt-2 got tripped. vii) As per SCADA, generation loss of approx. 180 MW at Panipat Th(HR) was observed due to this fault. viii) As informed by BBMB, during investigation it was found that isolator status issue of Laitokalan end-2 was not able to open due to failure of its isolation. viii) Isolator was opened in charged condition, heavy flashover occurred in isolator leading to T-T phasing to phase Bus fault 220KV Bus-2A. viii) After this fault, bus bar protection operated, and all the elements connected to 220KV Bus-2A i.e., 400/220KV 500 MVA ICT-2, 220/33KV Transformer-2, 220KV feeder to Panipat Th(HR), Narela(I), Dhuklote-II, Charkhi Dadri tripped. 220KV Bus coupler and sectionalizer breaker opened and fault got isolated from the system. viii) Further, due to tripping of 400/220KV 500 MVA ICT-2, load got shifted on 400/220KV 450 MVA ICT-1 led to its overloading and ICT-1 tripped on overcurrent protection operation.vii) Further, as source from 400KV side got lost, all the load at 220KV side was met through Gangawal(Jagadhri)Pipli(Panipat)loads. Loading of 220KV Gangawal-Jagadhri increased to 259 MW/viii) Further at 09:58 hrs, 220KV Gangawal-Jagadhri line tripped on B-N fault.vix) With the tripping of this line, supply to 220/33KV Pipli(HR), 220/66KV Jagadhri(BBMB), 220/66KV Dhuklote(BBMB) and 220/60KV Rohatka Road(BBMB) got lost. ix) As per PMU at Panipat(BBMB), Y-N phase to phase fault followed by R-N phase to phase fault which cleared within 100msc is observed at 09:49 hrs and as per PMU at Bhaktra(BBMB), B-N fault cleared with the delay of ~240msec at 09:58 hrs is observed. x) As per SCADA, change in demand of approx. 515 MW in Haryana control area was observed during the event.viii) Further, at 10:11 hrs, 220KV lines at Panipat which were already dead, manually opened. Restoration work started at around 10:48 hrs and all the elements were revived by 11:30 hrs.	1) 220 KV Ludhiana(PG)-Laitokalan(PS) (PSTCL) Ckt-1 2) 220 KV Ludhiana(PG)-Laitokalan(PS) (PSTCL) Ckt-2 3) 220 KV Laitokalan - Ferozpur Road (PS) Ckt 4) 220 KV Laitokalan - Hambran (PS) Ckt 5) 220 KV Laitokalan - Jagraon (PS) Ckt														
16	GD-1	Haryana	24-07-2025 09:49	24-07-2025 10:48	00:59	0	515	0.00%	72.76%	65937	70779	i) 220/132/33KV Panipat(BB) has double main Bus arrangement at 220KV side. There are two 220KV busses i.e., Bus-1 & 2. Further, Bus-2 is divided into two-part Bus-2A & Bus-2B. 400/220KV Panipat(BBMB) feeds the load of 220KV Dhuklote, Narela (Rohatka Road), Pipli and some radial load connected through Panipat Th(HR). ii) During antecedent condition, load connected at Panipat(BBMB) was being fed through 400/220KV ICT-1 & 2 at Panipat(BB) which were carrying 286 MW & 319 MW respectively and 220KV Panipat-Charkhi Dadri line which was carrying "112 MW. Apart from the 220KV Dhuklote-Miss Gangawal D/C were under shutdown. iii) As reported, at 09:49 hrs, operator at 220KV Panipat S/s, inadvertently opened the 220KV side isolator of 220/33KV 60 MVA Transformer-2 at Panipat Th(HR) without opening its own isolator. iv) Further, as source from 400KV side got lost, all the load at 220KV side was met through Gangawal(Jagadhri)Pipli(Panipat)loads. Loading of 220KV Gangawal-Jagadhri increased to 259 MW/viii) Further at 09:58 hrs, 220KV Gangawal-Jagadhri line tripped on B-N fault.vix) With the tripping of this line, supply to 220/33KV Pipli(HR), 220/66KV Jagadhri(BBMB), 220/66KV Dhuklote(BBMB) and 220/60KV Rohatka Road(BBMB) got lost. ix) As per PMU at Panipat(BBMB), Y-N phase to phase fault followed by R-N phase to phase fault which cleared within 100msc is observed at 09:49 hrs and as per PMU at Bhaktra(BBMB), B-N fault cleared with the delay of ~240msec at 09:58 hrs is observed. x) As per SCADA, change in demand of approx. 180 MW in Punjab control area was observed. Restoration work started at around 10:48 hrs and all the elements were revived by 11:30 hrs.	1) 220KV Bus 2A at Panipat(BB) 2) 400/220KV 500 MVA ICT-2 at Panipat(BB) 3) 220 KV Panipat-Dhuklote(BB) Ckt-2 4) 220 KV Panipat(BB)-Panipat Th(HR) Ckt-2 5) 220 KV Panipat(BB)-Narela (DTL) Ckt-2 6) 220 KV Panipat(BB)-Charkhi Dadri Ckt 7) 220/66KV 60 MVA Transformer-2 at Panipat(BB) 8) 400/220KV 450 MVA ICT-1 at Panipat(BB) 9) 220 KV Gangawal-Jagadhri Ckt														

Details of Grid Events during the Month of August 2025 in Northern Region

Sl No.	Category of Grid Event (GI for GI 2/ GD-I to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event		Antecedent Generation/Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
						Generation Loss(MW)	Load Loss (MW)	% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
17	GD-1	Jammu and Kashmir	24-07-2025 10:18	24-07-2025 13:53	03:35	0	400	0.00%	55.64%	68479	71887	i) 220/132kV Ziankote S/s have two bus at 220kV side i.e., main bus & reserve bus. 220kV Amargarh-Ziankote ckt-1&2 are on the same tower (D/C tower) and line length is ~21.4km. ii) During antecedent condition, 220kV Amargarh (INDIGRID)-Ziankote (JK) D/C were carrying 194 MW each and feeding load of Ziankote & Alustang both. 220kV Wagoora-Ziankote D/C were under planned outage. iii) As reported, at 10:18 hrs 220 KV Amargarh (INDIGRID)-Ziankote(JK) (PDD JK) Ckt-2 tripped on B-N fault. Fault current was ~4.7kA and fault location was 11.7km from Ziankote end. At the same time, 220 KV Amargarh (INDIGRID)-Ziankote(JK) (PDD JK) Ckt-1 also tripped. iv) As per telephonic communication with Ziankote S/s, 220 KV Amargarh (INDIGRID)-Ziankote(JK) (PDD JK) D/C is kept as instantaneous, Line-1 also tripped instantaneously from Ziankote end. As Z-2 time delay setting of 220 KV Amargarh (INDIGRID)-Ziankote(JK) (PDD JK) D/C is kept as instantaneous, Line-1 also tripped instantaneously from Amargarh end. v) As per PMU at Amargarh (INDIGRID), B-N phase to earth fault cleared within 120msec is observed. vi) As per SCADA, change in demand of approx. 400 MW is observed in J&K control area.	1) 220 KV Amargarh (INDIGRID)-Ziankote(JK) (PDD JK) Ckt-1 2) 220 KV Amargarh (INDIGRID)-Ziankote(JK) (PDD JK) Ckt-2
18	GD-1	Jammu and Kashmir	25-07-2025 13:44	25-07-2025 14:12	00:28	240	0	35.66%	0.00%	67308	80494	i) 400kV Uri-2 S/s have double main bus system. There are 4, 60 MW Units at Uri-2 HEP and during antecedent condition they were generating approx. 60 MW each. ii) As reported, at 13:44 hrs, 400 KV Uri_2(NH)-Wagoora(PG) (PG) Ckt tripped due to malfunctioning of GIS controller (exact reason of the same yet to be shared). iii) During the same time, 60 MW Uri-II HPS - UNIT 1,2,3 & 4 also tripped (exact nature of protection operated yet to be shared). iv) After tripping of 400 KV Uri_2(NH)-Wagoora(PG) (PG) Ckt and all 4, 60 MW units at Uri-2(NH), complete blackout occurred at Uri-2 S/s. v) As per PMU at Amargarh(INDIGRID), no fault was observed in the system. vi) As per SCADA, generation loss of approx. 240MW at Uri-2(NH) is observed.	1) 400 KV Uri_2(NH)-Wagoora(PG) (PG) Ckt 2) 60 MW Uri-II HPS - UNIT 1 3) 60 MW Uri-II HPS - UNIT 2 4) 60 MW Uri-II HPS - UNIT 3 5) 60 MW Uri-II HPS - UNIT 4

Details of Grid Events during the Month of August 2025 in Western Region

Sl No.	Category of Grid Event (GI 1 or GI 2 / GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event		Antecedent Generation/Load in the Regional Grid*	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped	
						Generation Loss(MW)	Load Loss (MW)	% Generation Loss (MW)	% Load Loss (MW)				
1	GD-1	WR	02-08-2025 13:19	02-08-2025 19:46	06:27	158	-	0.23%	-	69977	57318	Complete outage of 400kV Dabitnewada solar plant: At 13:19 hrs / 02-08-2025, 400 kV Konhalli-Dahitenwadi-1 tripped at Dahitenwadi end only (As reported by Renew Power fault was in zone-3). As seen from PMU plots and Disturbance recorder, no fault was present in the line and in 400 kV Konhalli connected network. Generation loss of 158 MW occurred at Dahitenwadi solar plant (Renew Power) due to loss of evacuation path.	1. 400 kV Konhalli-Dahitenwadi-1
2	GI-2	WR	02-08-2025 22:04	02-08-2025 23:20	01:16	-	-	-	-	74565	59368	Partial outage of 400 kV Jetpur S/S: At 22:04 hrs / 02-08-2025, 400/220kV Jetpur-ICT-4 (500 MVA) tripped due to failure of 220 kV side B phase Lightning Arrestor. Due to non opening of 400 kV side B phase circuit breaker, LBB protection operated resulting in tripping of 400 kV Jetpur-Bus-2 and all connected elements. No load loss reported.	1. 400kV Jetpur-Hadala-1 2. 400kV Jetpur-TPCL Mundra-2 3. 400/220kV Jetpur-ICT-2 (315 MVA) 4. 400/220kV Jetpur-ICT-4 (500 MVA) 5. 400 kV Jetpur-Bus Reactor-2 (63 MVAR)
3	GD-1	WR	03-08-2025 13:36	03-08-2025 20:16	06:40	170	-	0.25%	-	67157	57159	Complete outage of 400kV Dabitnewada solar plant: At 13:36 hrs /03-08-2025, 400/33 kV Dahitenwadi-ICT-1 tripped at due to REF protection operation at LV side. On inspection, 33 kV side R phase surge arrester was found faulty. 400 kV Konhalli-Dahitenwadi-1 was in service. Generation loss of 170 MW occurred at Dahitenwadi solar plant (Renew Power) due to tripping of the only transformer.	1. 400/33 kV Dahitenwadi-ICT-1
4	GD-1	WR	06-08-2025 19:20	06-08-2025 21:42	02:22	-	-	-	-	77178	68451	Complete outage of 220kV Zura S/S: At 19:20 hrs / 06-08-2025, 306 bay of 33 kV side Zura tripped due to HT cable puncture, simultaneously 220 KV Bhuj-Zura-1 tripped on TEF 2nd Harmonic operation for the fault in 33 KV Side which was cleared in 80 msec. This tripping leads to denervation of Bus due to loss of evacuation path. No Generation loss occurred at Zura wind plant (Ayaana Power) due to the event.	1. 220 kV Bhuj-Zura-1
5	GD-1	WR	10-08-2025 04:28	10-08-2025 15:08	10:40	79	-	0.12%	-	66108	53857	Complete outage of 220kV Gadhsisa S/S: At 04:28 hrs on 10-08-2025, 220kV Bhuj-Gadhsisa line tripped due to B-phase to Earth fault due to insulator at tower no. -41B/1. This resulted in generation loss of 79 MW at 220kV Gadhsisa (Renew Power) Wind Power Plant due to the loss of the evacuation path.	1. 220kV Bhuj-Gadhsisa S/C
6	GD-1	WR	14-07-2025 03:40	14-07-2025 14:43	11:03	-	-	-	-	68022	56851	Complete outage of 220kV Jhura S/S: At 03:40 hrs/14-08-2025, 220kV/33kV Jhura ICT-1 tripped due to suspected operation of over-flux protection. However, Over-flux Trip is not observed in DR, only over-flux started repeatedly. At 04:24Hrs, 220kV/33kV Jhura-Bhuj line tripped from Bhuj end without any Main relay indication and Jhura S/S become dead. This tripping leads to denervation of Bus due to loss of evacuation path. No generation occurred during the event.	1. 220kV-Jhura-Bhuj-1 2. 220/33KV-ICT-1 at Jhura
7	Near miss	WR	15-08-2025 21:11	16-08-2025 02:05	04:54	1811	-	2.65%	-	68249	54039	Near miss event occurred at 400kV Kotra S/S: At 21:11 Hrs/15-08-25, 765 kV Durg- Kotra 1& 2 tripped on Y-B phase fault & Y-E fault respectively. At the same time, SKS Unit 1(300 MW) tripped on Loss of Excitation. Lara Units 1&2 (800 MW each) tripped due to Circulating Water Pump trip at 21:16 Hrs & 21:17 Hrs respectively. Generation loss of 1811 MW (Lara Unit 1- 741 MW, Lara Unit 2- 768 MW, SKS Unit 1- 302 MW) occurred due to these units tripping.	1. 765 kV Durg-Kotra-2 2. 765 kV Durg-Kotra-1 3. SKS-Unit 1 (300 MW) 4. Lara-Unit-1 (800 MW) 5. Lara-Unit-2 (800 MW)

Details of Grid Events during the Month of August 2025 in Western Region																
SI No.	Category of Grid Event (GI 1 or GI 2/ GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event		Antecedent Generation/Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)				Elements Tripped
						Generation Loss(MW)	Load Loss (MW)	% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)					
8	GD-1	WR	16-08-2025 17:33	17-08-2025 06:09	12:36	77	-	0.12%	-	64972	57903	Complete outage of 220kV Nanavalka(Alfanar): At 17:33 Hrs/16-08-2025, 220kV Bhuj- Nanavalka(Alfanar) line tripped on Y-phase-Earth fault. About 77MW generation loss at Nanavalka(Alfanar) was occurred due to loss of evacuation path. After patrolling at fault distance, test charging of the line was attempted at 19:58 hrs, but line tripped on SOTF. During the patrolling, it tension insulator failure was found at Tower No. 30/0. After the insulator replacement, 220kV Bhuj- Nanavalka(Alfanar) line charged at 06:09Hrs on 17.08.2025.				1. 220kV Bhuj-Nanavalka s/c
9	GD-1	WR	16-08-2025 20:46	17-08-2025 18:23	21:37	16	-	0.02%	-	66967	55263	Complete outage of 220kV Powerica(Manja) S/S: At 20:46 hrs on 16.08.2025, the 220kV Jamkambaliya-Powerica(Manja)-1 tripped due to operation of line differential protection on Y-phase to earth fault. Due to loss of evacuation path, generation loss of 16 MW occurred at Powerica(Manja) WPP.				1. 220KV-JAMKHAMBALIYA-MANJA-1
10	GI-2	WR	19-08-2025 03:12	19-08-2025 06:09	02:57	399	-	0.62%	-	64211	53823	Partial outage of 400kV VindhyaChal S/S: At 03:12 hrs / 19-08-2025, 400 KV VindhyaChal-Bus-1 tripped due to mal-operation of Aux relay (RXMS1) of static busbar protection relay (RADSS) of 400kV Bus#1 resulting in tripping of all elements connected 400 KV VindhyaChal-Bus-1 (400 KV VindhyaChal-VindhyaChal HVDC-3, 400 KV VindhyaChal-Sasan-1, VindhyaChal HVDC-Pole-1, VindhyaChal Unit-3&5 (210 MW each)). Generation loss of 399 MW occurred due to tripping of VSTPS Unit 3&5 at NTPC VindhyaChal Thermal Plant.				1. 400KV VindhyaChal Bus-1 2. 400KV HVDC VindhyaChal-VindhyaChal-1 3. 400KV VindhyaChal-Sasan-1 4. VSTPS Unit 3 (210 MW) 5. VSTPS Unit 5 (210 MW) 6. 70 KV HVDC VindhyaChal Pole 1 7. 70 KV HVDC VindhyaChal Pole 2
11	GD-1	WR	19-08-2025 18:57	20-08-2025 15:28	20:31	51	-	0.07%	-	71038	60225	Complete outage of 220kV Gadhsisa S/S: At 18:57 Hrs on 19-08-2025, 220kV Bhuj-Gadhsisa line tripped on Yph-E fault. Due to the loss of the evacuation path generation loss of 51 MW occurred at 220kV Gadhsisa (Renew Power) Wind Power Plant.				1. 220kV Bhuj-Gadhsisa S/C 2. 220kV Gadhsisa Bus-1 3. 220kV Gadhsisa Bus-2 4. 220kV 160MVA Gadhsisa ICT-1
12	GD-1	WR	20-08-2025 15:10	20-08-2025 17:13	02:03	44	-	0.07%	-	61632	53999	Complete outage of 220kV Bhuvad(Renew) S/S: At 15:10: Hrs on 20-08-2025, 220 KV Bachau-Bhuvad(Renew) Line-2 tripped from both ends on operation of differential protection due to R phase-Earth fault. 220 KV Bachau-Bhuvad(Renew) Line-1 tripped on over voltage protection operation subsequent to the line-2 tripping. With tripping of both lines, Bhuvad(Renew) left with no evacuation path and Wind Generation loss of 44 MW is occurred.				1. 220KV-BHUVAD-BACHAU-1 2. 220KV-BHUVAD-BACHAU-2 3. BHUVAD - 220KV - Bus 1 4. 220KV/33KV BHUVAD-ICT-1 5. 220KV/33KV BHUVAD-ICT-2
13	GD-1	WR	20-08-2025 20:24	21-08-2025 00:08	03:44	-	-	-	-	73108	58260	Complete outage of 220kV Shajapur Unit-8 S/S: At 20:24 hrs / 20-08-2025, 220kV Pachora-Shajapur Unit-8 Line tripped on R-phase to Ground fault. During patrolling it was found a branch of tree is laying below the line. This tripping leads to deenergisation of Bus due to loss of evacuation path. No Load/Generation loss occurred due to the event at Shajapur unit-8.				1. 220KV-SHAJAPUR Unit-8(Taletuttayi)-PACHORA PS-1
14	GD-1	WR	21-08-2025 03:07	21-08-2025 03:42	00:35	316	-	0.48%	-	65687	52418	Complete outage of 400kV VADINAR S/S: At 03:07 hrs/21-08-2025, 400KV-VADINAR-HADALA-2 and 400KV-AMRELI-VADINAR-1 tripped due to high voltage. 400KV-VADINAR-HADALA-1 and 400KV-AMRELI-VADINAR-2 were already cut under voltage regulation. Due to tripping of these lines Vadinar (EPGL) Unit-1(660 MW) tripped along with Bus-1 & Bus-2 due to loss of evacuation path. Generation loss of 314 MW occurred due to the event.				1. 400KV-VADINAR-HADALA-2 2. 400KV-AMRELI-VADINAR-1 3. 400KV-VADINAR-BUS-1 4. 400KV-VADINAR-BUS-2 5. Vadinar (EPGL) Unit-1
15	GD-1	WR	23-08-2025 12:06	23-08-2025 18:34	06:28	314	-	0.45%	-	69746	52325	Complete outage of 400kV Khavda PSS10 S/S: At 12:06 Hrs / 23-08-2025 , 400kV Khavda PSS10-Khavda P51 line tripped due to Y-phase to B-phase on distance protection. Tripping occurred due to breaking of Y-phase jumper conductor. Generation loss of 314 MW occurred due to loss of the evacuation path at Khavda PSS10. Consequently, all elements tripped at the Khavda PSS10 substation.				1. 400KV Khavda PSS10-KPS I 2. 400KV Khavda PSS-10 Bus 1 3. 400KV Khavda PSS-10 Bus 2 5. 400/33 KV ICT 1,2,3,4

Details of Grid Events during the Month of August 2025 in Western Region													
Sl No.	Category of Grid Event (GI 1 or GI 2 / GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event		Antecedent Generation/Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
						Generation Loss(MW)	Load Loss (MW)	% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
16	GD-1	WR	24-08-2025 00:27	24-08-2025 02:05	01:38	147	-	0.22%	-	68192	51866	Complete outage of 220kV Bhuvad(Renew) S/S: At 00:27 Hrs / 24-08-2025, 220 kV Bachau-Bhuvad-1&2 tripped on R-E fault followed by Y-E fault in auto recloser dead time. No abnormalities were found during patrolling and the lines were charged at 02:05 and 02:07 hrs respectively. Generation loss of 147 MW is reported by Bhuvad (Renew Power) Wind Power plant due to loss of evacuation path.	1. 220 kV-Bhuvad-Bachau-1 00:27 2. 220 kV-Bhuvad-Bachau-2 00:27 3. 220KV/33KV BHUVAD-ICT-1 00:27 4. 220KV/33KV BHUVAD-ICT-2 00:27
17	GI-2	WR	25-08-2025 03:02	25-08-2025 06:38	03:36	-	70	-	0.14%	62799	49367	Partial outage of 400 kV Xeldorf (Sterlite) S/S: At 03:02 on 25th August 2025, both 400 kV Xeldorf (Sterlite)-Mapusa (PG) lines (Lines 1 & 2) tripped on overvoltage protection from the Mapusa end. As a result of both lines tripping, the 400 kV Xeldorf (Sterlite) substation lost its 400 kV feed and became de-energised. This caused the 400/220 KV ICT-1 & ICT-2 at Xeldorf (Sterlite) to discharge. Consequently, a 70 MW load at Xeldorf (Goa) lost power due to the loss of supply from the 220 kV Xeldorf (Sterlite). 220KV Xeldorf(Goa) is radially feeding 220kV Xeldorf(Sterlite).	1. 400 KV-XELDEM (Sterlite) - MAPUSA (PG) -1 2. 400 KV-XELDEM (Sterlite) - MAPUSA (PG) -2
18	GD-1	WR	25-08-2025 19:17	26-08-2025 00:00	04:43	85	-	0.12%	-	73838	61175	Complete outage of 220kV Gadhisa S/S: At 19:17 Hrs / 25-08-2025, 220kV Bhuj-Gadhisa line tripped on Yph-E fault. During patrolling it was found that Y-ph insulator damaged on tower no. 58/0 due to insulator failure and lightning. Generation loss of 85 MW occurred due to the loss of the evacuation path at 220kV Gadhisa (Renew Power) Wind Power Plant.	1. 220kV Bhuj-Gadhisa S/C 2. 220kV Gadhisa Bus-1 3. 220kV Gadhisa Bus-2 4. 220/33 kV 160MVA Gadhisa ICT-1
19	GD-1	WR	27-08-2025 12:05	27-08-2025 13:35	01:30	8	-	0.01%	-	61910	53824	Complete outage of 220kV Devsar S/S: At 12:05 Hrs / 27-08-2025, 220kV Bhuj-Devsar line tripped while doing work on 220kV line panel for patch code cable dressing work, line tripped on TNC (Trip Neutral Close) switch operate unfortunately. Generation loss of 8 MW occurred due to the loss of the evacuation path at 220kV Devsar S/S.	1. 220KV-Bhuj-Devsar-1
20	GD-1	WR	30-08-2025 10:08	30-08-2025 10:41	00:33	-	14	-	-	70762	60854	Complete outage of 220kV Hoshangabad S/S: At 10:08 hrs / 30-08-2025, 220 KV Hoshangabad sub-station (MP) tripped due to Bph-E fault and went dark due to tripping of all four 220 KV lines and 220/132 KV ICT-1 & 2. Load loss of 14 MW occurred.	1. 220KV-HOSHANGABAD-TARS-1 2. 220KV-HOSHANGABAD-TARS-2 3. 220KV HOSHANGABAD-Mandideep 4. 220KV HOSHANGABAD-Adampur 5. 220KV/132KV ICT 1 at HOSHANGABAD 6. 220KV/132KV ICT 2 at HOSHANGABAD
21	GD-1	WR	30-08-2025 20:58	31-08-2025 05:58	09:00	16	-	0.02%	-	72806	59914	Complete outage of 220kV Sidhpur S/S: At 20:58 hrs/30-08-2025, 222kV Sidhpur-Jamkhambaliya S/C tripped due to Yph-E fault. Generation loss of 16 MW due to the loss of the evacuation path occurred at 220kV Sidhpur (Sidhpur Torrent) Wind Power Plant.	1. 220 KV Jamkambaliya Sidhpur SIDHPUR - 200KV - BUS 1 2. 220 KV Jamkambaliya Sidhpur SIDHPUR - 200KV - BUS 2 3. SIDHPUR - 200KV - BUS 2
22	GD-1	WR	30-08-2025 22:50	31-08-2025 02:36	03:46	43.66	-	0.06%	-	72963	59621	Complete outage of 220kV Ostro S/S: At 22:50 hrs / 30-08-2025, 220 kV Bachau-Ostro-1&2 tripped on R-E and R-Y fault respectively. On patrolling fallen conductor (from another line) was found at tower location 77. Generation loss of 43.66 MW occurred at Ostro (Renew Power) Wind Power Plant due to loss of evacuation path.	1. 220 kV Bachau-Ostro-1 2. 220 kV Bachau-Ostro-2
23	GD-1	WR	31-08-2025 02:00	31-08-2025 04:31	02:31	69	-	0.10%	-	67409	55377	Complete outage of 220kV Bhuvad(Renew) S/S: At 02:00 hrs / 31-08-2025, 220 kV Bhuvad (Renew Power)- Bachau 1 & 2 tripped on Y-E fault & R-E phase fault respectively & 220 kV Bhuvad WPP went dark. Generation loss of 69 MW occurred due to loss of evacuation path.	1. 220 kV Bhuvad- Bachau 1 2. 220 kV Bhuvad- Bachau 2 3. 220kV Bhuvad Bus-1

Details of Grid Events during the Month of August 2025 in Southern Region

Sl No.	Category of Grid Event (GI 1or GI 2/ GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event	Antecedent Generation/Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)				Elements Tripped
						Generation Loss(MW)	Load Loss (MW)		% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)			
1	GD - 1	TAMILNADU	02-08-2025 05:42	02-08-2025 08:05	02:23	16	0	0.00%	0.00%	42400	51854	Complete Outage of 220KV JSW_Savalperi of JSW_Re 220KV JSW_Savalperi is connected to TTGS only through 220KV JSW_Savalperi-TTGS line. The triggering incident was B-N fault in the line. The line tripped on differential protection at both ends. Tripping of the only line connected to JSW_Savalperi led to the Complete Outage of 220KV JSW_Savalperi		230KV-TTGS-JSW_Savalperi-1, JSW_Savalperi - 230KV	
2	GD - 1	KARNATAKA	10-08-2025 09:58	10-08-2025 10:42	00:44	0	17	0.00%	0.00%	48709	45960	Complete outage of 220kV Chitradurga SS of KPTCL As per the reports submitted, the triggering incident was the tripping of the B-pole of the 220 kV Hiriyur_PG Chitradurga line, caused by the failure of the DC supervision coil and its contacts, which were found burnt. This resulted in a short circuit in the DCs coil and extension of positive DC to the B-phase tripping coil. Subsequently, DEF picked up due to unbalanced current and DEF trip was issued . However, the CB failed to open as the DC supply fuses in the C&R panel had blown. As a result, the Main-2 relay initiated LBB protection, following which all elements connected to the 220 kV Bus-1 and Bus-2 tripped, causing a complete outage of the 220 kV Chitradurga substation.		220KV-Chitradurga-JAGALUR-1, 220KV-Chitradurga-JAGALUR-2, 220KV-Chitradurga-TALLAK-1, 220KV-GUTTUR-Chitradurga-1, 220KV-HIRIYUR-Chitradurga-1, Chitradurga - 220KV - Bus 1, Chitradurga - 220KV - Bus 2	
3	GD - 1	KARNATAKA	11-08-2025 08:23	13-08-2025 18:54	58:31	37	0	0.00%	0.00%	43671	48373	Complete Outage of 220KV Veena_GadagPS of Vena Energy 220KV Vena_GadagPS is radially connected to 220KV Gadag through 220KV-GADAG_PSS- Vena_GadagPS-1. The triggering incident is the Y-G fault in the line. The tripping of the only connected line to the station led to Complete outage of 220KV Vena_GadagPS.		220KV-GADAG_PSS-Vena_GadagPS-1	
4	GD - 1	KARNATAKA , GOA	12-08-2025 15:30	12-08-2025 15:50	00:20	590	50	0.01%	0.00%	50861.25	47259.29	Complete Outage of 220kV Nagiheri PH of KPCL , 220kV Ambewadi SS, 220kV Hubli SS, and 220kV Sirsi SS of KPTCL During antecedent conditions, multiple 220 kV lines were already under outage or idle charged condition, leaving 220kV Hubli-Bidnal line-1 &2 as the only evacuation path for 220kV Nagiheri PH. At 15:30 hrs, 220kV Hubli-Bidnal line-2 was hand-tripped at Bidnal end due to arcing in Bus- 2 isolator. Subsequently, the entire load was shifted to 220kV Hubli-Bidnal line-1, and the line tripped at Hubli end on over loading. This led to islanding of 220kV Nagiheri PH, tripping of its running units on over-frequency, and resulted in complete outage of 220kV Ambewadi, 220kV Hubli, and 220kV Sirsi substations.		220KV-HUBLI-BIDNAL-1, 220KV-HUBLI- BIDNAL-2	
5	GD - 1	KARNATAKA	13-08-2025 08:27	13-08-2025 08:31	00:04	0	208	0.00%	0.00%	49776.6	48342.87	Complete Outage of 220KV Khodays & 220kV Subramanyapura SS of KPTCL During antecedent conditions, 220kV Subramanyapura -Peenya line was under outage and 220kV Khodays & 220kV Subramanyapura SS are being radially fed through 220kV Somanahalli Khodays line and the line tripped. Tripping of the only connected line led to complete outage of 220kV Khodays & 220kV Subramanyapura SS		220KV-SOMANAHALLI-KHODAYS-1	
6	GD - 1	ESH , ANDHRA PRADESH	13-08-2025 19:40	13-08-2025 20:34	00:54	0	47	0.00%	0.00%	53066.45	45381.87	Complete Outage of 20kV Vijayawada SS of APTRANSCO During antecedent conditions, 220kV Vijayawada Gudivada Line-1 and 220kV Vijayawada Bus-2 were under LC. As per the reports submitted, the triggering incident was Y-phase isolator failure in 220kV Vijayawada Bhimadole Line-1 causing a Y-N fault in 220kV Vijayawada Bus-1. Immediately, 220kV Vijayawada Bus-1 BBP operated and all elements connected to 220kV Bus-1 tripped. Since all elements are connected to 220kV Bus-1, Bus-1 outage led to complete outage of 220kV Vijayawada SS.		400KV/220KV VIJAYAWADA-ICT-1, 400KV/220KV VIJAYAWADA-ICT-2, 400KV/220KV VIJAYAWADA-ICT-3, 220KV-VIJAYAWADA- KOTHAGUDEM_TPS-1	
7	GD - 1	KARNATAKA	14-08-2025 13:48	14-08-2025 15:52	02:04	0	35	0.00%	0.00%	52936.13	44518.54	Complete Outage of 20kV MK Hubli SS of KPTCL 220kV MK Hubli is being radially fed through 220kV Narendra MK Hubli Line-1&2, As per the reports submitted, the triggering incident was R-N fault in 110kV MK Hubli Bidi line and was not cleared at MK Hubli end. Subsequently, DEF protection operated at Narendra end in 220kV Narendra MK Hubli Line-1&2 and the lines tripped clearing the fault. Tripping of only source led to complete outage of 220kV MK Hubli SS.		220KV-NARENDRA-M K HUBLI-2, 220KV- NARENDRA-M K HUBLI-1	
8	GD - 1	TAMILNADU	18-08-2025 06:51	18-08-2025 06:51	00:00	0	0	0.00%	0.00%	46694.76	43896.24	Complete Outage of 400kV CEPL Generating Station of Coastal During antecedent conditions, CEPL Unit-1&2 and 400KV-CEPL-TUTICORIN_PS-1 are in shutdown condition for various maintenance activity. As per the reports submitted, the triggering incident was failure of DC Charger-1&2 causing 400KV-CEPL-TUTICORIN_PS-2 to trip on SF6 interlock at CEPL end. Tripping of the only connected line led to Complete outage of CEPL Generating Station.		400KV-CEPL-TUTICORIN_PS-2	

Details of Grid Events during the Month of August 2025 in Southern Region

Sl No.	Category of Grid Event (GI 1 or GI 2/ GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid Event	Antecedent Generation/Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)	Elements Tripped	
						Generation Loss(MW)	Load Loss (MW)		% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)	
9	GD - 1	KARNATAKA	23-08-2025 10:33	23-08-2025 10:43	00:10	81	110	0.00%	0.00%	53949.04	55855.11	Complex outage of 220kV Davanagere SS, 220kV Benikere SS, 220kV Hosadurga SS, 220kV Neelagunda SS, 220kV Guttur SAS SS and 220kV Bus outage at 400kV/220kV Guttur SS of KPTCL During antecedent conditions, Davanagere SS, 220kV Benikere SS, 220kV Hosadurga SS, 220kV Neelagunda SS, 220kV Guttur SAS SS were being radially fed from 220kV Guttur SS. As per the reports submitted, the triggering incident was failure of R-phase isolator in 220kV Chitradurga line bay at 220kV Guttur SS and fell on 220kV Guttur Bus-1 & 220kV Bus-2. Immediately, 220kV Bus-1 and Bus-2 BBP operated and all the elements tripped leading to 220kV bus shut down at Guttur 400/220kV substation and main supply failure occurred to 220kV substations Davanagere, Benikere, Hosadurga, Neelagunda and Guttur 220kV Substations during the incident.	GUTTUR - 220KV- Bus 1, GUTTUR - 220KV- Bus 2, 400KV/220KV GUTTUR-ICT-1, 400KV/220KV GUTTUR-ICT-2, 220KV- GUTTUR-Chitradurga-1, 220KV-GUTTUR- DAVANGERE-1, 220KV-GUTTUR- DAVANGERE-2, 220KV-GUTTUR- DAVANGERE-3, 220KV-GUTTUR- GUTTUR_SAS-1, 220KV-GUTTUR_GUTTUR_SAS-2, 220KV-GUTTUR-HAVERI-1, 220KV-GUTTUR-HAVERI-2, 220KV-GUTTUR-NEELAGUNDA-1, 220KV- GUTTUR-SARIAN-1, 220KV- GUTTUR- SARIAN-2
10	GD - 1	KARNATAKA	24-08-2025 13:41	24-08-2025 14:13	00:32	0	80	0.00%	0.00%	52677	50469	Complex Outage of 220kV EDC, 220kV ITPL, 220kV Sobha dreams and 220kV EPIP SS of KPTCL During antecedent conditions, 220kV EDC, 220kV ITPL, 220kV Sobha dreams, 220kV HAL and 220kV EPIP SS were being radially fed from 220kV Hoody SS. As per the reports submitted, the triggering incident was breaker arcing in 220kV Hoody HAL line-1 and the line did not trip. At the same time, 220kV EDC HAL line, 220kV Hoody ITPL and 220kV Hoody EPIP lines tripped. Tripping of all these lines led to complete outage of 220kV EDC, 220kV ITPL, 220kV Sobha dreams and 220kV EPIP SS.	220KV-HOODY-HAL-1, 220KV-ITPL- HOODY-1, 220KV-EPIP-HOODY-1, 220KV- HOODY-SHOBHA_DREAMS-1, 400KV/220KV HOODY-ICT-1
11	GD - 1	KARNATAKA	26-08-2025 12:15	26-08-2025 13:23	01:08	292	10	0.01%	0.00%	58017	59506	Complete Outage of 220kV Kudligi SS, Tripping of 220kV Bus-1 & Bus-2 of Jagalur SS, 220kV Bus-1 of Itagi SS of KPTCL As per the reports submitted, the triggering incident was persistent arcover in 220kV Bus-1 isolator of 220kV Jagalur Kudligi Line-2 during change over of load from 220kV Bus-2 to 220kV Bus-1 at 400/220 KV Jagalur SS. Consequently, 220kV Bus coupler tripped on O/C and E/F protection and 400kV/220kV Jagalur ICT-2. The ICT-2 tripped on over loading eventually. Tripping of both ICTs led to complete outage of 220kV Kudligi SS and 220kV Bus-1 of Itagi SS.	JAGALUR - 220K, KUDLIGI - 220KV, ITAGI - 220KV, TALLAK - 220KV, 400KV/220KV JAGALUR-ICT-1, 400KV/220KV JAGALUR-ICT-2,
12	GI-2	ANDHRA PRADESH	01-08-2025 08:58	01-08-2025 11:53	02:55	0	0	0.00%	0.00%	53637	61247	Tripping of 400kV Bus-2 at Srikakulam of PGCB The triggering incident is the maloperation of 402Bay PUA leading to BBP operation and tripping of breakers connected to 400kV Bus-2 at Srikakulam. Due to one and half breaker scheme, all the elements are connected through alternate breakers and no element outage was observed during the event other than isolation of 400kV Bus-2 at Srikakulam. This led to the tripping of 400kV Bus-2 at Srikakulam.	SRIKAKULAM - 400KV - Bus 2
13	GI-2	TAMILNADU	12-08-2025 19:44	12-08-2025 22:49	03:05	0	0	0.00%	0.00%	51800	47447	Tripping of 400kV Bus-1 of Ariyalur SS of TANTRANS CO As per the reports submitted, the triggering incident was the B-N fault in the 400kV Bus-1 of Ariyalur SS. Consequently, 400kV Bus-1 BBP operated at Ariyalur SS, resulting in the tripping of all main breakers connected to the 400 kV Bus-1.	
14	GI-1	TELANGANA	25-08-2025 11:15	25-08-2025 11:15	00:00	0	0	0.00%	0.00%	56184	58562	Tripping of 220kV Bus-1 of Malyalapalli SS of TGRANS CO As per the reports submitted, the triggering incident was B-N fault in 220kV Malyalapalli Bus-1. Immediately, 220kV Bus-1 BBP operated and all elements connected to the bus tripped. This led to loss of power supply to 220kV Malyalapalli Bus-1.	400KV/220KV RAMAGUNDAM-ICT-3 400KV/220KV RAMAGUNDAM-ICT-5
15	GI-1	KERALA	28-08-2025 03:59	28-08-2025 05:17	01:18	0	0	0.00%	0.00%	42494	37975	Tripping of 220kV Bus-2 of Pothencode SS of KSEB As per the reports submitted, the triggering incident was failure of fly bus insulator and falling of 220kV Pothencode Bus-2. Immediately, 220kV Pothencode Bus-2 BBP operated and all elements connected to the bus tripped.	220KV-EDAMON-POTHENCODE-2, 220KV- POTHENCODE-NEWKATAKADA-2, 220KV- POTHENCODE-TRIVANDRUM-2, 220KV- POTHENCODE-TRIVANDRUM-4, POTHENCODE - 220KV - Bus 2
16	GI-1	TAMILNADU	30-08-2025 09:53	30-08-2025 21:27	11:34	0	0	0.00%	0.00%	58230	52465	Tripping of 230kV Bus-1 , 230kV Bus-2, 110kV Bus-1 and 110kV Bus-2 of 400kV Vellalaviduthi SS of TANTRANS CO As per the reports submitted, the triggering incident was, failure of DC source-1&2 of 230kV and 110kV level. CTDs of all lines and ICTs operated and tripped all the elements connected to 230kV buses and 110kV buses leading to loss of power supply to 230kV buses and 110kV buses of 400kV Vellalaviduthi SS	VELLALAVIDUTHI - 230KV - Bus 1, VELLALAVIDUTHI - 230kV - Bus 2, 400KV/110KV VELLALAVIDUTHI-ICT-1, 400KV/110KV VELLALAVIDUTHI-ICT-2, 400KV/230KV VELLALAVIDUTHI-ICT-3, 400KV/230KV VELLALAVIDUTHI-ICT-4, 230KV-KARAMBAYAM-VELLALAVIDUTHI-1, 230KV-MANDIPATTI-VELLALAVIDUTHI-1, 230KV-PUDUKKOTTAI-VELLALAVIDUTHI-1, 230KV-THUVALKUDI-VELLALAVIDUTHI-1

Details of Grid Events during the Month of August 2025 in Eastern Region

Sl No.	Category of Grid Event (GI 1 or GI 2 / GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation Load in the Regional Grid during the Grid Event	Antecedent Generation/Load in the Regional Grid ^a	Brief details of the event (pre fault and post fault system conditions)				Elements Tripped	
						Generation Loss(MW)	Load Loss (MW)								
1	GD-I	220kV CHATRA	07-08-2025 04:43	07-08-2025 07:43	03:00	00:00	40	0.00%	0.16%	32922	24845	Prior to the disturbance, 220 kV Chatra S/s of Jharkhand Power System was connected with rest of ER grid through 220kV Chatra-Daltongunj line and 220kV Chatra-Latehar line. At 04:43 Hrs, both circuits connected to Chatra S/s were hand tripped from the Chatra end due to fire incident in the control panel (caused by short circuit in BCU unit and PLCC panel of the 220kV Chatra-Daltongunj line). Consequently, 220kV Chatra S/s became dead, resulting in a load loss of 40 MW.. Power supply was restored through the 220kV Chatra-Latehar line at 07:03 Hrs.		220kV Latehar-Chatra S/C 220kV Daltongunj-Chatra S/C (Hand Tripped)	
2	GI-2	JSWEUL	12-08-2025 22:37	13-08-2025 01:26	02:49	00:00	0	1.57%	0.00%	34402	30841	At 22:36 hrs, while opening the 400 kV Lapanga-Sterlite Circuit-1 to control the loading of 400 kV OPGC Lapanga D/C, the B-phase circuit breaker of its tie bay at Lapanga remained stuck. As a result, 400 kV Lapanga-Sterlite-2 and 400 kV OPGC-Lapanga-2 circuits tripped on DEF. This caused the loading of the 400 kV OPGC-Lapanga-1 line to rise above 1000 MW, triggering the SPS logic and leading to the sequential tripping of both JSWEUL units within 10 seconds, resulting in a total generation loss of around 540 MW.		JSWEUL Unit-1 JSWEUL Unit-2 400kV OPGC-Lapanga-1 400kV OPGC-Lapanga-2 400kV-Sterlite-Lapanga-2	
3	GI-2	DIKCHU HEP	31-08-2025 13:51	31-08-2025 14:41	00:50	106	0	0.46%	0.00%	23024	25972	Prior to the disturbance Dikchu generation was around 106 MW evacuating through 400kV Dikchu-Rangpo Line (400kV Dikchu-Rangpo (Teesta-III Bypass) Line was under outage condition). At 13:51 hrs, the 400/132kV ICT at Dikchu tripped on HV side overcurrent earth fault protection. Consequently, loss of the evacuation path resulted in the tripping of Dikchu unit #1 & 2 on overspeed/overfrequency protection, leading to a total generation loss of 106 MW at Dikchu substation.		400/132kV ICT at Dikchu Dikchu Unit-1 Dikchu Unit-2	

Details of Grid Events during the Month of August 2025 in North Eastern Region

Sl No.	Category of Grid Event (GI 1 or GI 2 / GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation Load in the Regional Grid during the Grid Event	Antecedent Generation Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)	Elements Tripped	
						Generation Loss(MW)	Load Loss (MW)		% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)	
1	GD I	Pailapool area of Assam Power System	04-08-2025 11:40	04-08-2025 11:48	00:08	6	32	0.22%	1.24%	2707	2589	<p>Pailapool area of Assam Power System was connected with rest of NER Grid through 132 kV Pailapool-Jiribam line. Prior to the event, 132 kV Srikona-Pailapool line was under planned shutdown since 09:22 Hrs of 04-08-2025.</p> <p>At 11:40 Hrs of 04-08-2025, 132 kV Pailapool-Jiribam line tripped. Due to tripping of this element, Pailapool area of Assam Power System and Solar generation (6 MW) was isolated from NER Grid and collapsed due to load generation mismatch in this area.</p> <p>Power supply was extended to Pailapool area by charging 132 kV Pailapool-Jiribam line at 11:48 Hrs of 04-08-2025.</p>	132 kV Pailapool-Jiribam line
2	GD I	Rangia(old), Kamalpur, Sipajhar & Tangla areas of Assam Power System and Motonga & associated radially fed areas of Bhutan power system	05-08-2025 15:40	05-08-2025 16:48	01:08	0	94 MW (Assam) & 65 MW (Bhutan)	0.00%	3.27%	2570	2876	<p>Rangia, Kamalpur, Sipajhar and Tangla areas of Assam Power System were connected with rest of NER Grid through 132 kV Rangia-Rangia(old) D/C lines. Prior to the event, 132 kV Rowta – Sipajhar & 132 kV Rowta – Tangla lines were under outage condition due to system requirement while 132 kV Amingaon-Kamalpur D/C lines was under planned shutdown. Also, Motonga & associated areas of Bhutan power system connected to Assam Rangia(old) via 132 kV Rangia(old) – Motonga line.</p> <p>Rangia(old) started drawing power via Bhutan system at 15:49 Hrs. Also, Kamalpur I & II line and 132/33kV ICTs were charged.</p> <p>Rangia(old) S/S connected to Rangia & Indian Grid by charging 132 kV Rangia-Rangia(old) – 1 & 2 lines at 16:20 Hrs & 16:22 Hrs respectively, subsequently power was extended to Sipajhar & Tangla areas of Assam power system at 16:47 Hrs & 16:48 Hrs respectively.</p>	132 kV Rangia - Rangia(old) D/C lines
3	GD I	Rengpang area of Manipur Power System	07-08-2025 12:54	07-08-2025 13:14	00:20	0	1	0.00%	0.04%	2559	2747	<p>Rengpang area of Manipur Power System is connected with rest of NER Grid through 132 kV Loktak Rengpang line. Prior to the event, 132kV Jiribam - Rengpang line was under long outage since 18:18 Hrs of 17.11.2023.</p> <p>At 12:54 Hrs of 07-08-2025, 132 kV Loktak - Rengpang line tripped. Due to tripping of this element, Rengpang area of Manipur Power System was isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power was extended to Rengpang substation by charging 132 kV Loktak-Rengpang line at 13:14 Hrs of 07-08-2025.</p>	132 kV Loktak - Rengpang line
4	GD I	Dharmanagar area of Tripura Power System and Dullavcherra area of Assam Power System	08-08-2025 14:26	08-08-2025 15:18	00:52	0	18	0.00%	0.64%	2759	2806	<p>Dharmanagar area of Tripura power system and Dullavcherra area of Assam power System are connected with rest of NER Grid through 132kV PK Bari-Dharmanagar,132kV Dharmanagar - Dullavcherra and 132kV Dullavcherra-Hailakandi line. 132kV Hailakandi - Dullavcherra was under planned shutdown from 09:08 hrs of 08-08-2025.</p> <p>At 14:26 Hrs of 08-08-2025, 132kV PK Bari-Dharmanagar line tripped. Due to tripping of this element, Dharmanagar area of Tripura power system and Dullavcherra area of Assam power System were isolated from NER Grid and collapsed due to no power source in this area.</p> <p>Power was extended to Dharmanagar and Dullavcherra area by charging 132kV Hailakandi-Dullavcherra line at 15:18 hrs of 08-08-2025.</p>	132kV PK Bari-Dharmanagar line
5	GD I	Along area of Arunachal Pradesh Power System	12-08-2025 14:08	12-08-2025 16:14	02:06	0	4	0.00%	0.14%	2555	2796	<p>Along area of Arunachal Pradesh Power System is connected to the rest of the NER grid through 132 kV Along-Pasighat and 132 kV Along-Basar lines. Prior to the event, 132 kV Along-Pasighat line was under long outage since 08:20 Hrs of 27.07.2025.</p> <p>At 14:08 Hrs of 12-08-2025, 132 kV Along-Basar line tripped. Due to tripping of this element, Along area of Arunachal Pradesh Power System was isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power supply was restored in Daporijo, Basar and Along area by charging 132 kV Along-Basar line at 16:14 Hrs of 12-08-2025.</p>	132 kV Along-Basar line

Details of Grid Events during the Month of August 2025 in North Eastern Region

Sl No.	Category of Grid Event (GI 1 or GI 2 / GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation Load in the Regional Grid during the Grid Event	Antecedent Generation Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)	Elements Tripped	
						Generation Loss(MW)	Load Loss (MW)		% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)	
6	GD I	Rangia, Amingaon, Kamalpur, Sipajhar, Tangla, Nalbari and Nathkuchi areas of Assam Power System	12-08-2025 21:25	12-08-2025 22:36	01:11	0	250	0.00%	7.74%	3420	3231	<p>Rangia, Amingaon, Kamalpur, Sipajhar, Tangla, Nalbari and Nathkuchi areas of Assam Power System were connected with rest of NER Grid through 220KV BTPS – Rangia DC lines. 132KV Rowta – Sipajhar, 132KV Barpeta – Nalbari and 132KV Borrnagar – Nathkuchi lines were under outage condition due to system requirement.</p> <p>220 KV BTPS-Rangia D/C lines tripped at 21:25 Hrs due to which SPS at Rangia operated at the same time and it led to black out at Rangia, Amingaon, Kamalpur, Sipajhar, Tangla, Nalbari and Nathkuchi areas of Assam Power System.</p> <p>Power supply was extended to Rangia area by charging 220 KV BTPS – Rangia line 2 at 22:22 Hrs of 12-08-2025. Subsequently, Power was extended to Amingaon, Kamalpur, Tangla, Nalbari and Nathkuchi, Sipajhar areas of Assam power system got restored by charging 132 KV Rowta- Sipajhar line at 21:29 Hrs of 12-08-2025.</p>	220 KV BTPS-Rangia D/C lines
7	GD I	Ziro, Daporijo, Basar and Along areas of Arunachal Pradesh Power System	13-08-2025 03:33	13-08-2025 12:09	08:36	0	11	0.00%	0.48%	3017	2298	<p>Ziro, Daporijo, Basar and Along areas of Arunachal Pradesh Power System are connected to the rest of NER grid through 132 KV Panyor-Ziro and 132 KV Along-Pasighat lines. Prior to the event, 132 KV Along-Pasighat line was under planned shutdown since 08:20 Hrs of 27.07.2025.</p> <p>At 03:33 Hrs of 13-08-2025, 132 KV Ziro-Daporijo line tripped which resulted into blackout in Daporijo,Basar and Along area of Arunachal Pradesh. At 04:35 Hrs of 13-08-2025, 132 KV Panyor-Ziro line also got tripped while charging attempt of 132 KV Ziro-Daporijo line. Due to tripping of this, Ziro area also was blackout along with Daporijo, Basar & Along substations due to no source available in these areas.</p> <p>Power supply was restored in Ziro area by charging 132 KV Panyor-Ziro at 05:03 Hrs of 13-08-2025. Power was extended to Daporijo, Basar and Along areas by charging 132 KV Ziro-Daporijo line at 12:09 hrs of 13-08-2025.</p>	132 KV Ziro-Daporijo line & 132 KV Panyor-Ziro line
8	GD I	Rengpang area of Manipur Power System	13-08-2025 11:18	13-08-2025 12:54	01:36	0	1	0.00%	0.04%	2789	2460	<p>Rengpang area of Manipur Power System is connected with rest of NER Grid through 132 KV Loktak Rengpang line. Prior to the event, 132KV Jiribam - Rengpang line was under long outage since 18:18 Hrs of 17.11.2023.</p> <p>At 11:18 Hrs of 13-08-2025, 132 KV Loktak - Rengpang line tripped. Due to tripping of this element, Rengpang area of Manipur Power System was isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power was extended to Rengpang substation by charging 132 KV Loktak-Rengpang line at 12:54 Hrs of 13-08-2025.</p>	132 KV Loktak - Rengpang line
9	GD I	Rengpang area of Manipur Power System	15-08-2025 10:37	15-08-2025 11:57	01:20	0	1	2.63%	0.04%	2887	2456	<p>Rengpang area of Manipur Power System is connected with rest of NER Grid through 132 KV Loktak Rengpang line. Prior to the event, 132KV Jiribam - Rengpang line was under long outage since 18:18 Hrs of 17.11.2023.</p> <p>At 10:37 Hrs of 15-08-2025, 132 KV Loktak - Rengpang line tripped. Due to tripping of this element, Rengpang area of Manipur Power System was isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power was extended to Rengpang substation by charging 132 KV Loktak-Rengpang line at 11:57 Hrs of 15-08-2025.</p>	132 KV Loktak - Rengpang line
10	GD I	Rengpang area of Manipur Power System	15-08-2025 13:09	16-08-2025 09:29	20:20	0	1	0.00%	0.04%	2859	2628	<p>Rengpang area of Manipur Power System is connected with rest of NER Grid through 132 KV Loktak Rengpang line. Prior to the event, 132KV Jiribam - Rengpang line was under long outage since 18:18 Hrs of 17.11.2023.</p> <p>At 13:09 Hrs of 15-08-2025, 132 KV Loktak - Rengpang line tripped. Due to tripping of this element, Rengpang area of Manipur Power System was isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power was extended to Rengpang substation by charging 132 KV Loktak-Rengpang line at 09:29 Hrs of 16-08-2025.</p>	132 KV Loktak - Rengpang line
11	GD I	Sanis area of Nagaland Power System	15-08-2025 15:48	15-08-2025 16:08	00:20	0	1	0.00%	1.20%	3007	2739	<p>Sanis areas of Nagaland Power System are connected with rest of NER Grid through 132 KV Sanis-Wokha line and 132 KV Doyang-Sanis line.</p> <p>At 15:48 Hrs of 15-08-2025, 132 KV Wokha - Sanis line and 132 KV Doyang - Sanis line tripped. Due to tripping of these elements, Sanis area of Nagaland Power System was isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power supply was extended to Sanis area of Nagaland Power System by charging the 132 KV Doyang - Sanis line at 16:08 Hrs of 15-08-2025.</p>	32 KV Wokha - Sanis line and 132 KV Doyang - Sanis line

Details of Grid Events during the Month of August 2025 in North Eastern Region

Sl No.	Category of Grid Event (GI 1 or GI 2 / GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation Load in the Regional Grid during the Grid Event	Antecedent Generation Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)	Elements Tripped	
						Generation Loss(MW)	Load Loss (MW)		% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)	
12	GD I	Lungmual, Melriat and Lunglei areas of Mizoram Power System	15-08-2025 15:23	15-08-2025 16:12	00:49	0	30	0.00%	1.09%	3096	2745	Lungmual, Melriat and Lunglei areas of Mizoram Power System were connected with rest of NER grid via 132 kV Aizawl - Lungmual Line. Prior to the event, 132 kV Serchip - Lunglei line was under outage. At 15:23 Hrs of 15-08-2025, 132 kV Aizawl - Lungmual line tripped. Due to tripping of this element, Lungmual, Melriat and Lunglei areas of Mizoram Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Lungmual, Melriat and Lunglei areas of Mizoram Power System by charging the 132 kV Aizawl - Lungmual Line at 16:12 Hrs of 15-08-2025.	132 kV Aizawl - Lungmual line
13	GD I	Tuirial HEP of NEEPCO Power System	15-08-2025 19:52	15-08-2025 19:58	00:06	60	0	1.74%	0.00%	3453	3505	Tuirial areas of Mizoram Power System is connected to the rest of the NER grid through 132 kV Kolasib – Tuirial line. At 19:52 Hrs of 15-08-2025, 132 kV Kolasib – Tuirial line tripped leading to blackout in Tuirial HEP of Mizoram power system. Power was extended to Tuirial area by charging 132 kV Tuirial-Kolasib line at 19:58 Hrs of 15-08-2025.	132 kV Kolasib – Tuirial line
14	GD I	Tuirial HEP of NEEPCO Power System	15-08-2025 21:03	15-08-2025 21:34	00:31	30	0	1.40%	0.00%	2137	2931	Tuirial areas of Mizoram Power System is connected to the rest of the NER grid through 132 kV Kolasib – Tuirial line. At 21:03 Hrs of 15-08-2025, 132 kV Kolasib – Tuirial line tripped leading to blackout in Tuirial HEP of Mizoram power system. Power was extended to Tuirial area by charging 132 kV Tuirial-Kolasib line at 21:34 Hrs of 15-08-2025.	132 kV Kolasib – Tuirial line
15	GD I	Leshka HEP of Meghalaya Power System	16-08-2025 01:39	16-08-2025 01:53	00:14	119	0	3.70%	0.00%	3218	2883	Leshka HEP of Meghalaya Power System was connected with rest of NER Grid via 132 kV Mynkre-Leshka D/C lines. At 01:39 Hrs of 16-08-2025, grid disturbance occurred at 132 kV Leshka HEP due to tripping of 132 kV Leshka-Mynkre D/C lines. Power supply was restored by charging 132 kV LESHKA-Mynkre-II at 01:53 Hrs of 16-08-2025.	132 kV Leshka-Mynkre D/C lines
16	GD I	Rengpang area of Manipur Power System	16-08-2025 10:54	16-08-2025 19:02	08:08	0	1	0.00%	0.04%	2924	2681	Rengpang area of Manipur Power System is connected with rest of NER Grid through 132 kV Loktak Rengpang line. Prior to the event, 132kV Jiribam - Rengpang line was under long outage since 18:18 Hrs of 17.11.2023. At 10:54 Hrs of 16-08-2025, 132 kV Loktak - Rengpang line tripped. Due to tripping of this element, Rengpang area of Manipur Power System was isolated from NER Grid and collapsed due to no source available in this area. Power was extended to Rengpang substation by charging 132 kV Loktak-Rengpang line at 19:02 Hrs of 16-08-2025.	132 kV Loktak - Rengpang line
17	GD I	Leshka HEP of Meghalaya Power System	17-08-2025 16:11	17-08-2025 16:28	00:17	119	0	4.19%	0.00%	2841	2946	Leshka HEP of Meghalaya Power System was connected with rest of NER Grid via 132 kV Mynkre-Leshka D/C lines. At 16:11 Hrs of 17-08-2025, grid disturbance occurred at 132 kV Leshka HEP due to tripping of 132 kV Leshka-Mynkre D/C lines. Power supply was restored by charging 132 kV LESHKA-Mynkre-I & II at 16:28 Hrs & 16:30 Hrs respectively.	132 kV Leshka-Mynkre D/C lines
18	GD I	Rengpang area of Manipur Power System	17-08-2025 10:09	17-08-2025 17:55	07:46	0	1	0.00%	0.04%	2659	2275	Rengpang area of Manipur Power System is connected with rest of NER Grid through 132 kV Loktak Rengpang line. Prior to the event, 132kV Jiribam - Rengpang line was under long outage since 18:18 Hrs of 17.11.2023. At 10:09 Hrs of 17-08-2025, 132 kV Loktak - Rengpang line tripped. Due to tripping of this element, Rengpang area of Manipur Power System was isolated from NER Grid and collapsed due to no source available in this area. Power was extended to Rengpang substation by charging 132 kV Loktak-Rengpang line at 17:55 Hrs of 17-08-2025.	132 kV Loktak-Rengpang line
19	GD I	Tuirial HEP of NEEPCO Power System	17-08-2025 18:57	18-08-2025 12:31	17:34	60	0	1.82%	0.00%	3297	3583	Tuirial HEP of Mizoram Power System is connected to the rest of the NER grid through 132 kV Kolasib – Tuirial line. At 18:57 Hrs of 17-08-2025, 132 kV Kolasib – Tuirial line tripped leading to blackout in Tuirial HEP of Mizoram power system. Power was extended to Tuirial area by charging 132 kV Tuirial-Kolasib line at 12:31 Hrs of 18-08-2025	132 kV Kolasib – Tuirial line
20	GD I	Chiephobozou, Wokha and Sanis area of Nagaland Power System	17-08-2025 00:43	17-08-2025 01:40	00:57	0	1.5	0.00%	0.05%	3362	3306	Chiephobozou, Wokha and Sanis areas of Nagaland Power System are connected with rest of NER Grid through 132kV Zhadima-Chiephobozou and 132kV Doyang-Sanis lines. Prior to the event, 132 kV Doyang-Sanis line tripped at 23:50 hrs of 16-08-2025. At 00:43 Hours of 17-08-2025, 132 kV Zhadima-Chiephobozou line tripped. Due to tripping of these lines, Chiephobozou, Wokha and Sanis areas of Nagaland Power System were isolated from NER Grid and collapsed due to no source available in these areas. Power supply restored to Chiephobozou, Wokha and Sanis areas of Nagaland Power System at 01:40 Hrs of 17-08-2025 by charging 132 kV Doyang-Sanis line.	132 kV Zhadima-Chiephobozou line

Details of Grid Events during the Month of August 2025 in North Eastern Region													 Grid-INDIA	
Sl No.	Category of Grid Event (GI 1 or GI 2 / GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation Load in the Regional Grid during the Grid Event	Antecedent Generation Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)			Elements Tripped
						Generation Loss(MW)	Load Loss (MW)		% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
21	GD I	Sanis area of Nagaland power system	18-08-2025 09:20	18-08-2025 10:47	01:27	0	1.5	0.00%	0.06%	2754	2671	Sanis areas of Nagaland Power System are connected with rest of NER Grid through 132 kV Sanis-Wokha line and 132 kV Doyang-Sanis line. At 09:20 Hrs of 18-08-2025, 132 kV Doyang-Sanis line and 132 kV Sanis-Wokha line tripped. Due to tripping of these lines, Sanis areas of Nagaland Power System were isolated from NER Grid and collapsed due to no source available in this area. Power supply was restored to Sanis area of Nagaland Power System at 10:47 Hrs of 18-08-2025 by charging 132 kV Doyang-Sanis Line	132 kV Doyang-Sanis line and 132 kV Sanis-Wokha line	
22	GD I	Tuirial HEP of NEEPCO Power System	19-08-2025 02:41	19-08-2025 02:56	00:15	58	0	2.13%	0.00%	2725	2875	Tuirial HEP of Mizoram Power System is connected to the rest of the NER grid through 132 KV Kolasib – Tuirial line. At 02:41 Hrs of 19-08-2025, 132 KV Kolasib – Tuirial line tripped leading to blackout in Tuirial HEP of Mizoram power system. Power was extended to Tuirial area by charging 132 kV Tuirial-Kolasib line at 02:56 Hrs of 19-08-2025	132 KV Kolasib – Tuirial line	
23	GD I	Tipaimukh area of Manipur Power System	21-08-2025 11:08	21-08-2025 11:40	00:32	0	1	0.00%	0.04%	2503	2344	Tipaimukh area of Manipur Power system is connected with the rest of the NER grid through 132kV Jiribam-Tipaimukh line. Prior to the event, 132 KV Alzawl-Tipaimukh line was under planned shutdown from 10:11 Hrs of 21-08-2025. At 11:08 Hrs of 21.08.2025, 132KV Jiribam-Tipaimukh line tripped leading to blackout of Tipaimukh area of Manipur Power system. Power was extended to Tipaimukh area of Manipur power system by charging 132 KV Jiribam-Tipaimukh line at 11:40 Hrs of 21.08.2025	132KV Jiribam-Tipaimukh line	
24	GD I	Tenga area and Dikshi HEP of Arunachal Pradesh Power System	22-08-2025 13:02	22-08-2025 14:03	01:01	17	26	0.63%	0.94%	2690	2760	Tenga area & Dikshi HEP of Arunachal Pradesh were connected to rest of NER grid through 132 kV Balipara-Tenga, 132 kV Tenga-Khupi & 132 kV Dikshi-Tenga lines. At 13:02 Hrs of 22-08-2025, 132 KV Balipara-Tenga line, 132 KV Khupi-Tenga line and 132 KV Dikshi – Tenga lines tripped. Due to these tripping, Tenga & Dikshi HEP of Arunachal Pradesh Power System got isolated, leading to black out in both sub-stations. Power supply was extended to Tenga & Dikshi area by charging 132 kV Balipara-Tenga Line at 14:03 Hrs of 22-08- 2025.	132 KV Balipara-Tenga line, 132 KV Khupi-Tenga line and 132 KV Dikshi – Tenga lines	
25	GD I	Deomali area of Arunachal Pradesh Power system	25-08-2025 13:48	25-08-2025 19:18	05:30	60	4	2.35%	0.13%	2558	3092	Deomali area of Arunachal Pradesh Power System is connected with the rest of the NER grid through 220 KV AGBPP - Deomali line. At 13:48 Hrs of 25-08-2025, while attempting to manually desynchronize Unit #3 of AGBPP for emergency shutdown, the Unit #3 Circuit Breaker failed to open. This malfunction resulted in the operation of Bus Bar Protection of 220 KV Bus-1 at AGBPP, leading to tripping all elements connected to 220 KV AGBPP Bus-1 including 220 KV AGBPP-Deomali line. This resulted in blackout of Deomali area of Arunachal Pradesh Power system. Power was extended to Deomali area by charging 220 KV AGBPP-Deomali line at 19:18 Hrs of 25-08-2025	220 KV AGBPP-Deomali line (220 KV AGBPP Bus- I tripped and all elements connected to Bus-1), AGBPP Unit- 5,7,8&9	
26	GD I	Tuirial HEP of NEEPCO Power System	26-08-2025 17:34	26-08-2025 17:36	00:02	59	0	2.24%	0.00%	2629	3358	Tuirial HEP of Mizoram Power System is connected to the rest of the NER grid through 132 KV Kolasib – Tuirial line. At 17:34 Hrs of 26-08-2025, 132 KV Kolasib – Tuirial line tripped leading to blackout in Tuirial HEP of Mizoram power system. Power was extended to Tuirial area by charging 132 kV Tuirial-Kolasib line at 17:36 Hrs of 26-08-2025.	132 KV Kolasib – Tuirial line	
27	GD I	Tuirial HEP of NEEPCO Power System	26-08-2025 19:00	26-08-2025 19:10	00:10	59	0	1.72%	0.00%	3423	3909	Tuirial HEP of Mizoram Power System is connected to the rest of the NER grid through 132 KV Kolasib – Tuirial line. At 19:00 Hrs of 26-08-2025, 132 KV Kolasib – Tuirial line tripped leading to blackout in Tuirial HEP of Mizoram power system. Power was extended to Tuirial area by charging 132 kV Tuirial-Kolasib line at 19:10 Hrs of 26-08-2025.	132 KV Kolasib – Tuirial line	
28	GD I	Tuirial HEP of NEEPCO Power System	26-08-2025 21:50	26-08-2025 21:59	00:09	59	0	1.71%	0.00%	3447	3552	Tuirial HEP of Mizoram Power System is connected to the rest of the NER grid through 132 KV Kolasib – Tuirial line. At 21:50 Hrs of 26-08-2025, 132 KV Kolasib – Tuirial line tripped leading to blackout in Tuirial HEP of Mizoram power system. Power was extended to Tuirial area by charging 132 kV Tuirial-Kolasib line at 21:59 Hrs of 26-08-2025.	132 KV Kolasib – Tuirial line	
29	GD I	Tuirial HEP of NEEPCO Power System	27-08-2025 11:07	27-08-2025 14:36	03:29	59	0	2.33%	0.00%	2537	2914	Tuirial HEP of Mizoram Power System is connected to the rest of the NER grid through 132 KV Kolasib – Tuirial line. At 11:07 Hrs of 27-08-2025, 132 KV Kolasib – Tuirial line tripped leading to blackout in Tuirial HEP of Mizoram power system. Power was extended to Tuirial area by charging 132 kV Tuirial-Kolasib line at 14:36 Hrs of 27-08-2025.	132 KV Kolasib – Tuirial line	

Details of Grid Events during the Month of August 2025 in North Eastern Region

Sl No.	Category of Grid Event (GI 1 or GI 2 / GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation Load in the Regional Grid during the Grid Event	Antecedent Generation Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)	Elements Tripped	
						Generation Loss(MW)	Load Loss (MW)		% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)	
30	GD I	Monarchak generating station of NEEPCO and Rabindra Nagar areas of Tripura Power System	27-08-2025 12:19	27-08-2025 12:53	00:34	48	8	1.91%	0.27%	2511	2954	Monarchak generating station and Rabindra Nagar area of Tripura Power System were connected with the rest of the NER grid through 132 kV Monarchak – Rokhia and 132 kV Monarchak – Udaipur lines. Prior to the event, 132 kV Monarchak – Rokhia was under planned shutdown since 09:10 Hrs of 27.08.2025. At 12:19 Hrs of 27.08.2025, 132kV Monarchak – Udaipur line tripped leading to loss of evacuation path of Monarchak generating station and Blackout in Rabindra Nagar area of Tripura Power System. Power was extended to Monarchak area of Tripura Power System by charging 132 kV Monarchak-Udaipur line at 12:53 Hrs of 27-08-2025.	132kV Monarchak – Udaipur line
31	GD I	Tuirial HEP of Mizoram Power System	29-08-2025 09:31	29-08-2025 09:44	00:13	60	0	2.12%	0.00%	2825	2748	Tuirial HEP of Mizoram Power System was connected NER Power system via 132kV Tuirial - Kolasib line. At 09:31 Hrs of 29.08.2024, 132kV Tuirial - Kolasib line tripped due to which Tuirial HEP of Mizoram Power System was isolated from NER Grid and collapsed due to loss of evacuation path. Power was extended to Tuirial area by charging 132 kV Tuirial-Kolasib line at 09:44 Hrs of 29-08-2025.	132kV Tuirial - Kolasib line
32	GD I	Along area of Arunachal Pradesh Power System	30-08-2025 11:48	30-08-2025 12:40	00:52	0	3	0.00%	0.11%	2802	2691	Along area of AP Power System was connected with rest of NER Grid through 132kV Along-Pasighat line only as 132kV Along-Basar was under planned shutdown. At 11:48 Hrs of 30-08-2025 132 kV Along-Pasighat line tripped. Due to tripping of this line Along area of Arunachal Pradesh Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Along area by charging 132 kV Along - Pasighat line at 12:40 Hrs of 30-08-2025.	132 kV Along-Pasighat line
33	GD I	Rengpang area of Manipur Power System	30-08-2025 08:11	30-08-2025 15:44	07:33	0	2	0.00%	0.08%	2775	2591	Rengpang area of Manipur Power System was connected with rest of NER Grid through 132kV Loktak-Rengpang line. 132kV-Jiribam-Rengpang line was under long outage since 18:18 Hrs of 17.11.2023. At 08:11 Hrs of 30-08-2025, 132kV Loktak-Rengpang line tripped. Due to tripping of this element, Rengpang area of Manipur Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Rengpang area by charging 132 kV Loktak-Rengpang line at 15:44 Hrs of 30-08-2025.	132kV Loktak-Rengpang line
34	GD I	Sanis areas of Nagaland Power System	30-08-2025 12:20	30-08-2025 12:47	00:27	0	1	0.00%	0.04%	2803	2710	Sanis area of Nagaland Power System is connected with rest of NER Grid through 132kV Sanis-Wokha and 132kV Doyang-Sanis line. At 12:20 Hrs of 30-08-2025, 132 kV Doyang-Sanis and 132 kV Sanis-Wokha lines tripped. Due to tripping of these lines, Sanis area of Nagaland Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply restored to Sanis area of Nagaland Power System by charging 132 kV Doyang-Sanis line and 132 kV Wokha-Sanis at 12:47 Hrs and 13:10 Hrs of 30-08-2025 respectively.	132 kV Doyang-Sanis and 132 kV Sanis-Wokha lines
35	GD I	Leshka area of Meghalaya Power System	30-08-2025 06:46	30-08-2025 07:09	00:23	118	0	3.89%	0.00%	3031	2477	Leshka HEP of Meghalaya Power System was connected with rest of NER Grid via 132 kV Mynkre-Leshka D/C lines. At 06:46 Hrs of 30-08-2025, grid disturbance occurred at 132 kV Leshka HEP due to tripping of 132 kV Leshka-Mynkre D/C lines. Power supply was restored by charging 132 kV LESHKA-Mynkre-I at 07:09 Hrs of 30-08-2025.	132 kV Leshka-Mynkre D/C lines
36	GD I	Mynkre area and Leshka HEP of Meghalaya Power System	31-08-2025 14:04	31-08-2025 14:46	00:42	119	18	4.15%	0.65%	2866	2760	Leshka HEP and Mynkre area of Meghalaya Power System was connected to the rest of the NER grid through 132kV MLHEP-Mynkre-D/C lines and 132kV-Mynkre (ME)-Khlehrat(ME)-D/C lines. At 14:04 Hrs of 31-08-2025 132kV MLHEP-Mynkre-D/C lines and at 14:21 Hrs of 31-08-2025 132kV Mynkre (ME)-Khlehrat(ME)-D/C lines tripped leading to blackout Leshka HEP and Mynkre area respectively of Meghalaya Power System due to load generation mismatch. Power supply was restored by energizing the 132kV-Mynkre (ME)-Khlehrat(ME)-2 line at 14:45 Hrs of 31.08.2025 and subsequently charging 132kV MLHEP Mynkre-1 at 14:46 Hrs, 132kV MLHEP-Mynkre-2 at 14:47 Hrs and 132kV-Mynkre (ME)-Khlehrat(ME)-1 at 15:53 Hrs of 31.08.2025.	132kV MLHEP-Mynkre-D/C lines & 132kV Mynkre (ME)-Khlehrat(ME)-D/C lines
37	GD I	Rengpang area of Manipur Power System	31-08-2025 11:16	31-08-2025 12:32	01:16	0	2	0.00%	0.08%	2921	2637	Rengpang area of Manipur Power System is connected with rest of NER Grid through 132kV Loktak Rengpang line. Prior to the event, 132kV Jiribam - Rengpang line was under long outage since 18:18 Hrs of 17.11.2023. At 11:16 Hrs of 31-08-2025, 132kV Loktak - Rengpang line tripped. Due to tripping of this element, Rengpang area of Manipur Power System was isolated from NER Grid and collapsed due to no source available in this area. Power was extended to Rengpang substation by charging 132kV Loktak Rengpang line at 12:32 Hrs of 31-08-2025.	132kV Loktak - Rengpang line

Details of Grid Events during the Month of August 2025 in North Eastern Region													 ग्रिड-इंडिया GRID-INDIA
Sl No.	Category of Grid Event (GI 1 or GI 2 / GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation Load in the Regional Grid during the Grid Event	Antecedent Generation Load in the Regional Grid*		Brief details of the event (pre fault and post fault system conditions)	Elements Tripped	
						Generation Loss(MW)	Load Loss (MW)		% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)	
38	GD I	Rengpang area of Manipur Power System	31-08-2025 12:53	31-08-2025 19:10	06:17	0	0	0.00%	0.00%	2899	2766	<p>Rengpang area of Manipur Power System is connected with rest of NER Grid through 132kV Loktak Rengpang line. Prior to the event, 132kV Jiribam - Rengpang line was under long outage since 18:18 Hrs of 17.11.2023.</p> <p>At 12:53 Hrs of 31-08-2025, 132kV Loktak - Rengpang line tripped. Due to tripping of this element, Rengpang area of Manipur Power System was isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power was extended to Rengpang substation by charging 132kV Loktak Rengpang line at 19:10 Hrs of 31-08-2025.</p>	132kV Loktak - Rengpang line

21. NEW ELEMENTS CHARGED IN AUGUST 2025

GENERATING UNITS

REGION	S. NO.	Location	Owner/Unit Name	Unit No/Source	Capacity added (MW)	Total/Installed Capacity (MW)	DATE
WR	1	220/33 kV Patoda	Renew Green (MHP One) Pvt Ltd (RGMOPL)	Wind	19.8	115.5/148.5	04.08.2025
	2	220/33 kV Washi	TEQ Green Power XI Private Limited (TGXIPL)	Wind	10.8	78.3/150	06.08.2025
	3	220/33 kV Washi	TEQ Green Power XI Private Limited (TGXIPL)	Wind	13.5	91.8/150	07.08.2025
	4	220/33 kV Washi	TEQ Green Power XI Private Limited (TGXIPL)	Wind	2.7	94.5/150	07.08.2025
	5	220/33 kV Washi	TEQ Green Power XI Private Limited (TGXIPL)	Wind	8.1	102.6/150	07.08.2025
	6	400/33 kV NREL PSS-2	NTPC REL Khavda PSS-2	Solar	35.36	981.96/1555	09.08.2025
	7	400/33 kV NREL PSS-2	NTPC REL Khavda PSS-2	Solar	70.72	1052.68/1555	09.08.2025
	8	400/33 kV AGEL Khavda PSS-5	Adani Renewable Energy Forty Five Limited (ARE45L) PSS-5	Solar	75	250/250	14.08.2025
	9	400/33 kV AGEL Khavda PSS-8	Adani Renewable Energy Forty Eight Limited (ARE41L) PSS-8	Wind	52	52/130	19.08.2025
	10	400/33 kV SRPL Khavda PSS-10	Adani Renewable Energy Fifty Six Limited (ARE56L) PSS-10	Solar	50	375/500	22.08.2025
	11	400/33 kV AGEL Khavda PSS-5	Adani Hybrid Energy Jaisalmer Five Limited (AHEJ5L) PSS-5	Solar	75	420/972.8	22.08.2025
	12	220/33 kV Ghatnandur	Renew Surya Roshni Pvt Ltd (RSRPL)	Wind	33	99/300	22.08.2025
	13	400/33 kV AGEL Khavda PSS-8	Adani Renewable Energy Forty Eight Limited (ARE41L) PSS-8	Wind	72.8	124.8/130	23.08.2025
	14	400/33 kV SRPL Khavda PSS-10	Adani Renewable Energy Fifty Six Limited (ARE56L) PSS-10	Solar	50	425/500	25.08.2025
	15	400/33 kV SRPL Khavda PSS-10	Adani Green Energy Twenty Six B Limited (AGE26BL) PSS-10	Solar	50	245.6/448	25.08.2025
	16	400/33 kV AGEL Khavda PSS-4	Ambuja Cements Limited (ACL) PSS-4	Solar	50	206/506	25.08.2025
	17	400/33 kV AGEL Khavda PSS-8	Adani Hybrid Energy Jaisalmer Five Limited (AHEJ5L) PSS-8	Solar	50	50/150	27.08.2025
NR	18	220 kV Bhadla_2	Nokh Solar Power Plant NTPC Limited	Solar	33.4	735	29.08.2025
NER	19	132 kV Khandong, Assam	NEEPCO/ Khandong	2/Hydro	23	46	22.08.2025
ER	20	400 kV Naubatpur(BGCL) S/s	Buxar TPP - UNIT 1	1/Thermal	660	660	21.08.2025
SR	21	220 kV Gadag PS	M/s Renew Surya Roshni Pvt Ltd (Gadag)	Wind	29.7	250.8	29.08.2025
	22	220 kV Gadag PS	M/s Sembcorp Green Infra Private Limited	Wind	14.7	54.6	20.08.2025
	23	220 kV Nellore PS	M/s Meenakshi Energy Limited	Unit 4 / Thermal	350	700	05.08.2025
	24	400 kV Yadadri S/s	Telangana Power Generation Corporation Limited (TGGENCO)	Unit 4 / Thermal	800	4000	14.08.2025
				Total Thermal Generation addition	1810		
				Total Hydro Generation addition	23		
				Total Solar Generation addition	539		
				Total Wind Generation addition	257		

Interconnecting/Generator/Station Transformers

REGION	S.NO.	Agency/Owner	Sub-Station	ICT No.	Voltage Level (kV)	Capacity (MVA)	DATE
WR	1	Sarjan Realities Private Limited	400/33 kV SRPL Khavda PSS-10	ICT-2	400/33	330	07.08.2025
NER	2	NEEPCO	132 kV Khandong	GT-2	11/132	28.5	22.08.2025
NR	3	POWERGRID Ramgarh Transmission Limited (PRTL)	400/220 kV Fatehgarh_III (PG)	ICT-7	400/220/33	500	11.08.2025
ER	4	POWERGRID	765/400 kV Bikana(PG)	ICT-4	765/400/33	1500	30.08.2025
SR	5	Odisha Power Transmission Corporation Limited (OPTCL)	400/220 kV New Duburi	ICT-3	400/220	500	29.08.2025
SR	6	Powergrid	400/220 kV HASSAN SS	ICT-3	400/220/33	500	01.08.2025
				Total (MVA)		3358.5	

NEW TRANSMISSION LINES

REGION	S.NO.	Agency/Owner	Line Name	Length (KM)	Conductor Type	DATE
ER	1	Jharkhand Urja Sancharan Nigam Limited(JUSNL)	400KV-PVUNL-Patraru-2	6.6	ACSR Moose	03.08.2025
	2		400KV-PVUNL-Patraru-1	6.6	ACSR Moose	03.08.2025
WR	3	POWERGRID KPS3 Transmission Limited	765kV Khavda PS3-Khavda PS2-line-2	135.1	AL59 Zebra 85C	02.08.2025
	4		765kV Khavda PS3-Khavda PS2-line-1	135.1	AL59 Zebra 85C	02.08.2025
SR	5	Karnataka Power Transmission Corporation	220 kV Narendra-Bannur(Salhalli) Ckt-1	78.7	DRAKE ACSR	29.08.2025
	6	Limited	220 kV Narendra-Bannur(Salhalli) Ckt-2	78.7	DRAKE ACSR	29.08.2025
	7	SAEL Solar MHP1 Private Limited	220kV SAEL MHP1-Kurnool-3 Ckt-1	14.2	AL 59 MOOSE	14.08.2025
				Total length (km)	455.0	

ANTI-THEFT CHARGING OF NEW TRANSMISSION LINES

REGION	S.NO.	Agency/Owner	Line Name	Length (KM)	Conductor Type	DATE
WR	1	WRTS-2, POWERGRID	400 kV Kala - New Navsari - 1 (from Kala end to loc AP01, 45.388 kms)	45.388	HTLS ACSS 85 C	01.08.2025
			Total length (km)	45.4		

LILo/RE-ARRANGEMENT OF EXISTING TRANSMISSION LINES

REGION	S.NO.	Agency/Owner	Line Name/LILO at	Length (KM)	Conductor Type	DATE
NR	1	Haryana Vidyut Prasaran Nigam Limited (HVPNL)	220kV Gurgaon(PG)-Gurugram Sec-15 (GIS) (HVPNL)-1 (After LILO of 220kV Sector-72 Gurugram (PG) - Sector-72 Gurugram (HVPNL) ckt-4 at Sector-15 II GIS Gurugram (HVPNL))	8	MOOSE	05.08.2025
	2		220kV Jind(PG)-Jind(HR)-1 (After LILO of 220kV PTPS - Jind D/C at 400kV PGCIL Jind)	5.65	MOOSE	26.08.2025
	3		220kV Jind(PG)-Jind(HR)-2 (After LILO of 220kV PTPS - Jind D/C at 400kV PGCIL Jind)	5.65	MOOSE	26.08.2025
ER	4	PGCIL ER_II	132 kV Siliguri-Melli TL	92.346	Panther	08.08.2025
	5	Bihar State Power Transmission Company Limited (BSPTEL)	132 kV Rangit-Kurseung TL	61.205	Panther	08.08.2025
NER	6	Meghalaya Energy Corporation Limited & Assam Electricity Grid Corporation Limited	132kV Chandauli(PMTL)-Daudnagar(New)-1 (After LILO of 132 kV Chandauli(PMTL)-Sonenagar Old(BSPTEL) line at Daudnagar GSS (New))	24.2	HTLS equivalent to panther	24.08.2025
	7		132 kV Lumshnon - Panchgram line (HTLS reconductoring)	54	HTLS ACCC Casablanca	11.08.2025

BUS/LINE REACTORS

REGION	S.NO.	Agency/Owner	Element Name	Voltage Level (kV)	Rating (MVAr)	DATE
NR	1	UP Power Transmission Corporation Limited (UPPTCL)	50 MVAR Non-Switchable & Convertible L/R of 400 kV Azamgarh-Mau Line at Azamgarh(UP)	400	50	45872
	2	PGCIL ER-I	63 MVAR switchable L/R OF 400 kV-Durgapur-KHSTPP-1 at KHSTPP	400	63	29.08.2025
	3	PGCIL ER-I	63 MVAR switchable L/R OF 400 kV-Durgapur-KHSTPP-2 at KHSTPP	400	63	18.08.2025
	4	SVVN	125 MVAR B/R at Buxur TPP	400	125	11.08.2025
	5	POWERGRID, WRTS-2	330 MVAR, B/R at 765/400 kV New Navsari	765	330	10.08.2025
	6	POWERGRID, WRTS-2	330 MVAR, L/R of 765kV New Navsari-Padghe-2 at New Navsari	765	330	09.08.2025
	7	POWERGRID, WRTS-2	330 MVAR, L/R of 765kV New Navsari-Padghe-1 at New Navsari	765	330	08.08.2025
	8	Madhya Pradesh Power Transmission Co. Ltd.	50 MVAR, L/R of 400 kV Indore-ISP-2 at Indore MP	400	50	02.08.2025
				Total (MVAr)		1341

HVDC / AC Filter bank / FACTS DEVICE associated System

REGION	S.NO.	Agency/Owner	Element Name	SUB-STATION	Voltage Level (kV)	DATE
		Nil				

22. Voltage Profile

विद्युत विभाव रूपरेखा माह - अगस्त 2025

Voltage Profile - August 2025

क्र. सि. No.	स्टेशन REGION	उपर्युक्त SUBSTATION	VOLTAGE < V(lower)* (V=380,725 kV)	V(lower) < VOLTAGE < V(upper)*	VOLTAGE > V(upper)* (V=420,800 kV)	Voltage Deviation Index (%age of time voltage is outside range)	Number of hours voltage was outside IEGC band during month	उच्चतम (कि.वा.) Maximum(kV)	निम्नतम(कि.वा.) Minimum(kV)	औसत (कि.वा.) Average(kV)
1	पश्चीमी क्षेत्र ER	अंगल ANGUL	0%	100%	0%	0%	0	795	744	771
2		दालोनी DARLIPALI	0%	100%	0%	0%	0	791	758	776
3		गया GAYA	0%	100%	0%	0%	0	789	743	770
4		जीरत JEE RAT	0%	100%	0%	0%	0	795	734	762
5		झारसुगड़ा JHARSUGUDA	0%	100%	0%	0%	0	800	762	784
6		मिनीपुर MEDINIPUR	0%	100%	0%	0%	0	793	743	768
7		रांची RANCHI	0%	100%	0%	0%	0	790	755	777
8		सासाराम SASARAM	0%	100%	0%	0%	0	790	744	769
1	उत्तरी क्षेत्र NR	आगरा AGRA	0%	100%	0%	0%	0	803	743	779
2		आगरा (फटेहबाद) AGRA (FATEHABAD)	0%	100%	0%	0%	0	799	750	771
3		अजमेर AJMER	0%	96%	4%	4%	28	805	758	788
4		अलिगढ़ ALIGARH	0%	100%	0%	0%	0	796	747	774
5		अनपरा सी ANPARA-C	0%	100%	0%	0%	0	782	754	769
6		अनपरा डी ANPARA-D	0%	100%	0%	0%	0	779	751	765
7		अंता ANT A	0%	100%	0%	0%	2	809	763	786
8		बालिगा BALLIA	0%	100%	0%	0%	0	793	733	768
9		बारा BARA	0%	100%	0%	0%	0	788	754	772
10		भाइला BHADLA	0%	100%	0%	0%	1	803	759	785
11		भाइला-2 BHADLA-2	0%	100%	0%	0%	1	805	723	786
12		छिवानी BIHWANI	0%	100%	0%	0%	1	801	757	782
13		बिकानेर BIKANER	0%	100%	0%	0%	0	800	744	785
14		बिलाई BAREILLY	0%	100%	0%	0%	3	804	738	777
15		चित्तौड़ छिट्ठौड़ CHITTORGARH	0%	97%	3%	3%	23	808	763	787
16		फतेहगढ़-2 FATEH GARGH-2	0%	100%	0%	0%	0	795	748	781
17		फतेहपुर FATEHPUR	0%	100%	0%	0%	0	797	734	772
18		घाटांग घाट GHATAMPUR	0%	100%	0%	0%	0	784	746	766
19		ग्रेटर नोइडा GREATER NOIDA	0%	100%	0%	0%	0	799	749	777
20		हापुर HAPUR	0%	100%	0%	0%	0	801	741	770
21		जायाहरपुर JAWAHARPUR	0%	100%	0%	0%	0	796	740	771
22		जाहिकार JHATIKARA	0%	100%	0%	0%	0	798	744	775
23		कानपुर जोगीपुर KANPUR GIS	0%	100%	0%	0%	0	799	738	772
24		खेत्र K KHETRI	0%	96%	4%	4%	31	806	737	783
25		कोटेश्वर KOTESHWAR	0%	100%	0%	0%	0	794	732	762
26		लालितपुर LALITPUR	0%	100%	0%	0%	0	772	744	760
27		लखनऊ LUCKNOW	0%	100%	0%	0%	0	796	732	772
28		मैनपुर MAINPURI	0%	100%	0%	0%	0	791	736	765
29		मेरठ MEERUT	0%	100%	0%	0%	0	797	746	774
30		मेरठ(UP) MEERUT (UP)	0%	100%	0%	0%	0	801	743	771
31		मोगा MOGA	0%	99%	1%	1%	4	805	747	782
32		ओबरा सी OBRA C	0%	100%	0%	0%	0	776	747	762
33		उर्दू ORAI	0%	98%	2%	2%	18	806	741	782
34		फागी PHAGI	0%	99%	1%	1%	6	804	758	785
35		रामपुर RAMPUR	0%	99%	0%	0%	3	804	744	778
36		उन्नाउ UNNAO	0%	100%	0%	0%	0	788	728	763
37		वाराणसी VARANASI	0%	100%	0%	0%	0	796	746	775
1	पश्चिमी क्षेत्र WR	अकोला AKOLA	0%	100%	0%	0%	0	800	750	776
2		ओरांगाबाद AURANGABAD	0%	100%	0%	0%	0	801	741	775
3		भोपाल (बोपीसीएल) BHOPAL (BDTCL)	0%	100%	0%	0%	0	797	739	771
4		झज भुज BHUJ-II	0%	100%	0%	0%	0	797	743	777
5		बिलासपुर BILASPUR	0%	100%	0%	0%	0	791	747	771
6		बीना BINA	0%	100%	0%	0%	2	803	741	779
7		बासंकथा BANASKANTHA	0%	99%	1%	1%	8	803	751	785
9		चांपा CHAMPA	0%	97%	3%	3%	26	807	763	786
10		धुले (वार्डीपांचाला) DHULE (BDTCL)	0%	100%	0%	0%	0	799	742	775
11		धारामगढ़ धारामजागर DHARAMJAIGARH	0%	100%	0%	0%	0	793	750	775
12		रायपुर रोयपुर RAIPUR POOLING	0%	100%	0%	0%	0	793	739	779
13		एक्टुनी EKTUNI	0%	100%	0%	0%	0	797	744	774
14		गदरावा GADARWARA	0%	98%	2%	2%	13	806	756	785
15		ग्वालिओर GWALIOR	0%	99%	1%	1%	6	805	742	780
16		इंदौर INDORE	0%	100%	0%	0%	0	795	737	771
17		जबलपुर JABALPUR	0%	97%	3%	3%	20	807	751	784
18		खट्का KHANDWA	0%	100%	0%	0%	0	797	741	774
19		कोराडी KORADI	0%	100%	0%	0%	0	785	751	768
20		लकडिया LAKADIYA	0%	99%	1%	1%	5	803	754	786
21		रायपुर पॉलर RAIGARH POOLING	0%	100%	0%	0%	0	796	762	780
22		पांडेज PAGDHE	0%	100%	0%	0%	2	806	741	777
23		पर्ली PARLI	0%	98%	2%	2%	15	806	743	787
24		पुणे PUNE	0%	98%	2%	2%	15	806	747	782
25		राजनन्दगांव RAJNANDGAON	0%	96%	4%	4%	33	808	750	787
26		सासान SASAN	0%	100%	0%	0%	0	800	757	779
27	दक्षिणी क्षेत्र SR	सतना SATNA	0%	97%	3%	3%	25	805	753	784
28		सिंदी SEONI	0%	99%	0%	0%	2	803	751	781
29		सिपात SIPAT	0%	100%	0%	0%	0	790	750	772
30		सोलापूर SOLAPUR	0%	99%	1%	1%	5	804	748	784
31		तिरोड़ा TIROLA	0%	100%	0%	0%	0	781	752	766
32		तामनार TAMNAR	0%	100%	0%	0%	0	795	762	778
33		वडोदारा VADODARA	0%	98%	2%	2%	14	807	756	783
34		विंध्याचाल वारोडा VINDHYACHAL PS	0%	100%	0%	0%	1	802	760	782
35		वारोडा WARDHA	0%	99%	1%	1%	4	806	739	783
36		वारोडा WARORA	0%	98%	2%	2%	13	805	730	786
1	पूर्वी क्षेत्र NER	आरियलर ARIALUR	0%	100%	0%	0%	0	800	744	776
2		कट्टुडापाहा CUDDAPAH	0%	92%	8%	8%	57	810	750	786
3		चिन्नालपुर CHILAKALURIPETA	0%	100%	0%	0%	1	807	740	779
4		कर्नूल KURNool	0%	100%	0%	0%	0	796	741	775
5		गोदावरी MAHESWARAM	0%	99%	1%	1%	9	807	742	785
6		निजामाबाद NIZAMABAD	0%	94%	6%	6%	47	809	734	789
7		नेल्लोर लेलोर NELLORE PS	0%	100%	0%	0%	0	795	746	774
8		नोर्थ चेन्नई NORTH CHENNAI PS	0%	100%	0%	0%	2	803	740	780
9		रायचुर RAYCHUR	0%	100%	0%	0%	0	796	743	778
10		श्रीकाकुलम SRIKAKULAM	0%	100%	0%	0%	0	803	737	780
11		तिरुवलाम थिरुवलाम THIRUVALEM	0%	100%	0%	0%	0	801	741	778
12		वेमागिरि VEMAGIRI	0%	99%	1%	1%	10	806	744	783
13		वारांगल WARANGAL	0%	98%	2%	2%	18	807	738	788
1	पूर्वी क्षेत्र NER	बालिपारा BALIPARA (400 kV)	0%	100%	0%	0%	0	413	394	403
2		बिस्वानाथ भारियाली BISWANATH CHARIALI (400 kV)	0%	100%	0%	0%	0	412	393	402
3		बोंगाइबा बोंगाइबा BONGAIGAON (400 kV)	0%	100%	0%	0%	0	413	398	405
4		बोंगाइबा टोरेंगोटा BONGAIGAON TPS (400 kV)	0%	100%	0%	0%	0	415	399	407
5		इम्फल IMPHAL (400 kV)	0%	100%	0%	0%	0	414	393	403
6		बानियात BYRNTHAT (400 kV)	0%	100%	0%	0%	0	414	396	406
7		कामेंग KAMENGA (400 kV)	0%	100%	0%	0%	0	412	398	403
8		अजारा AZARA (400 kV)	0%	100%	0%	0%	0	409	399	404
9		मिसा MISA (400 kV)	0%	100%	0%	0%	0	412	391	402
10		न्यू मारियानी NEW MARIANI (400 kV)	0%	100%	0%	0%	0	417	392	404
11		न्यू कोहिमा NEW KOHIMA (400 kV)	0%	100%	0%	0%	0	416	393	404
12		पालताना PALATANA (400 kV)	0%	100%	0%	0%	0	412	394	403
13		पूर्वकाश्चरी PK BARI (400 kV)	0%	100%	0%	0%	0	412	394	403
14		रांगनदी RANGANADI (400 kV)	0%	100%	0%	0%	0	415	396	405
15		सिल्वर सिल्चर SILCHAR (400 kV)	0%	100%	0%	0%	0	415	395	406
16		सुर्जनमण्डनर SURJYAMANINAGAR (400 kV)	0%	100%	0%	0%	0	412	394	402
17		थोबाल THOUBAL (400 kV)	0%	100%	0%	0%	0	412	389	400

All listed stations are 765 kV stations unless otherwise mentioned.

*Percentage is calculated w.r.t. Time of one month.

23. ALL TIME HIGHEST

31-08-2025

	Maximum Demand Met during the day (MW)	Demand Met during Evening Peak hrs(MW)	Energy Met (MU)	Hydro Gen. (MU)	Wind Gen. (MU)	Solar Gen. (MU)
NR	91215 19-06-2024	84151 14-06-2025	2023 12-06-2025	443 01-08-2023	86 07-08-2023	228 22-04-2025
WR	80000 08-02-2025	71713 24-04-2025	1742 25-04-2025	167 18-12-2014	319 29-07-2025	160.2 24-04-2025
SR	69942 21-03-2025	55925 28-03-2025	1458 28-03-2025	208 31-08-2018	342 26-07-2025	155.5 06-03-2025
ER	33452 23-07-2025	31508 22-07-2025	704 23-07-2025	157 14-09-2022	-	4.76 02-05-2025
NER	4101 23-07-2025	4065 23-07-2025	82 24-07-2025	46 15-08-2025	-	2.4 22-06-2022
All India	250070 30-05-2024	232191 09-06-2025	5466 30-05-2024	892 21-08-2025	673 29-07-2025	534 23-04-2025
Regions	States	Max. Demand Met during the day (MW)		Energy Consumption (MU)		
			As on date			As on date
NR	Punjab	17171	05-07-2025	366.8	21-07-2024	
	Haryana	14524	31-07-2024	293.4	19-06-2024	
	Rajasthan	18985	12-02-2025	388.0	11-06-2025	
	Delhi	8568	18-06-2024	177.7	18-06-2024	
	UP	30632	11-06-2025	658.8	17-06-2024	
	Uttarakhand	2910	11-06-2025	62.4	12-06-2025	
	HP	2273	17-01-2025	42.6	11-06-2025	
	J&K(UT) and Ladakh(UT)	3200	07-01-2025	70.3	04-02-2025	
	Chandigarh	460	12-06-2025	9.3	12-06-2025	
WR	Railways NR ISTS	-	-	-	-	-
	Chhattisgarh	6798	25-04-2025	153.3	25-04-2025	
	Gujarat	26457	14-06-2025	529.8	13-06-2025	
	MP	18888	20-12-2024	353.8	14-02-2025	
	Maharashtra	30675	13-03-2025	689.0	24-04-2025	
	Goa	864	14-05-2025	18.4	06-05-2025	
	DD & DNH	1411	22-07-2025	32.7	18-07-2025	
	AMNSIL	1083	10-01-2024	21.0	31-05-2022	
SR	Balco	-	-	-	-	-
	Andhra Pradesh*	13712	04-05-2024	263.8	16-06-2023	
	Telangana*	17162	20-03-2025	339.2	18-03-2025	
	Karnataka	18395	07-03-2025	359.2	19-03-2025	
	Kerala	5797	02-05-2024	116.1	03-05-2024	
	Tamil Nadu	20830	02-05-2024	443.6	30-04-2024	
ER	Pondy	548	14-07-2025	11.8	31-05-2024	
	Bihar	8752	23-07-2025	186.8	24-07-2025	
	DVC	3674	14-06-2024	81.2	22-04-2022	
	Jharkhand	2406	13-06-2025	52.5	14-06-2025	
	Odisha	7302	12-08-2025	148.5	19-04-2024	
	West Bengal	13108	14-06-2025	268.2	14-06-2025	
	Sikkim	137	11-01-2024	2.5	28-01-2020	
NER	Railways ER ISTS	-	-	-	-	-
	Arunachal Pradesh	223	30-07-2025	4.3	23-07-2025	
	Assam	2802	24-07-2025	57.8	24-07-2025	
	Manipur	269	28-12-2024	4.2	10-01-2025	
	Meghalaya	405	29-01-2024	7.8	31-01-2022	
	Mizoram	168	29-01-2025	3.0	10-06-2025	
	Nagaland	204	24-07-2025	4.0	18-07-2025	
*SR	Tripura	386	04-05-2024	7.4	22-07-2025	
*SR	Andhra Pradesh (Undivided)	13162	23-03-2014	284.8	22-03-2014	

24. System Reliability Indices Report for the month of August 2025

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	12	3.00	0.48
2	ER-NR	60	15.00	2.40
3	Import of NR	24	6.00	0.96
4	NEW-SR	0	0.00	0.00
5	NER Import	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	6	1.50	0.24
2	ER-NR	25	6.25	1.00
3	Import of NR	14	3.50	0.56
4	NEW-SR	0	0.00	0.00
4	NER Import	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.