



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 केंद्र / National Load Despatch Centre

कार्यालय : बी-9, प्रथम एवं द्वितीय तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110016
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संदर्भ संख्या:- GRID-INDIA/NLDC/MR/

दिनांक: 23.07.2025

सेवा में,

वितरण सूची के अनुसार

विषय:- निष्पादन रिपोर्ट – जून 2025

महोदय,

आई०ई०जी०सी०-2023 की धारा-38 के अनुपालन में, जून 2025 माह की अखिल भारतीय प्रणाली की निष्पादन रिपोर्ट संलग्न है।

धन्यवाद

भवदीय

—
सुरेश

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

संलग्न: मासिक प्रणाली रिपोर्ट

वितरण सूची

Distribution List

- 1 सचिव, के.वि.नि.आ. तीसरा एवं चौथा तल, चंद्रलोक भवन, 36, जनपथ, नई दिल्ली-110001
Secretary, CERC, 3rd & 4th Floor, Chanderlok Building, 36, Janpath, New Delhi-110001
- 2 मुख्य अभियंता (जी एम), के.वि.प्रा., सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Chief Engineer (GM), CEA, Sewa Bhavan, R.K.Puram, New Delhi-110066
- 3 सदस्य सचिव, उ. क्षे. वि. स., 18/ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Member Secretary, NRPC, 18/A, SJSS Marg, Katwaria Sarai, New Delhi-110016
- 4 सदस्य सचिव, प. क्षे. वि. स., एफ-3, एम आई डी सी क्षेत्र, अंधेरी (पूर्व), मुंबई - 400093
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
- 6 सदस्य सचिव, पू. क्षे. वि. स., 14, गोल्फ क्लब रोड, कोलकाता - 700033
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
Member Secretary, NERPC, Meghalaya State Housing Finance Cooperative Society Ltd. Building, Nongrim Hills, Shillong -793003
- 8 मुख्य अभियंता, राष्ट्रीय विद्युत समिति, एनआरपीसी भवन, तृतीय तल, 18/ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
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- 9 कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14, Golf Club Road, Kolkata-700033
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Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009
- 13 कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह, लापलंग, शिलोंग- 793006
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

JUNE - 2025

GRID CONTROLLER OF INDIA LIMITED
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड

grid-india.in

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 जून 2025 के लिए प्रचालन निष्पादन रिपोर्ट

OPERATIONAL PERFORMANCE REPORT FOR THE
MONTH OF JUNE-2025

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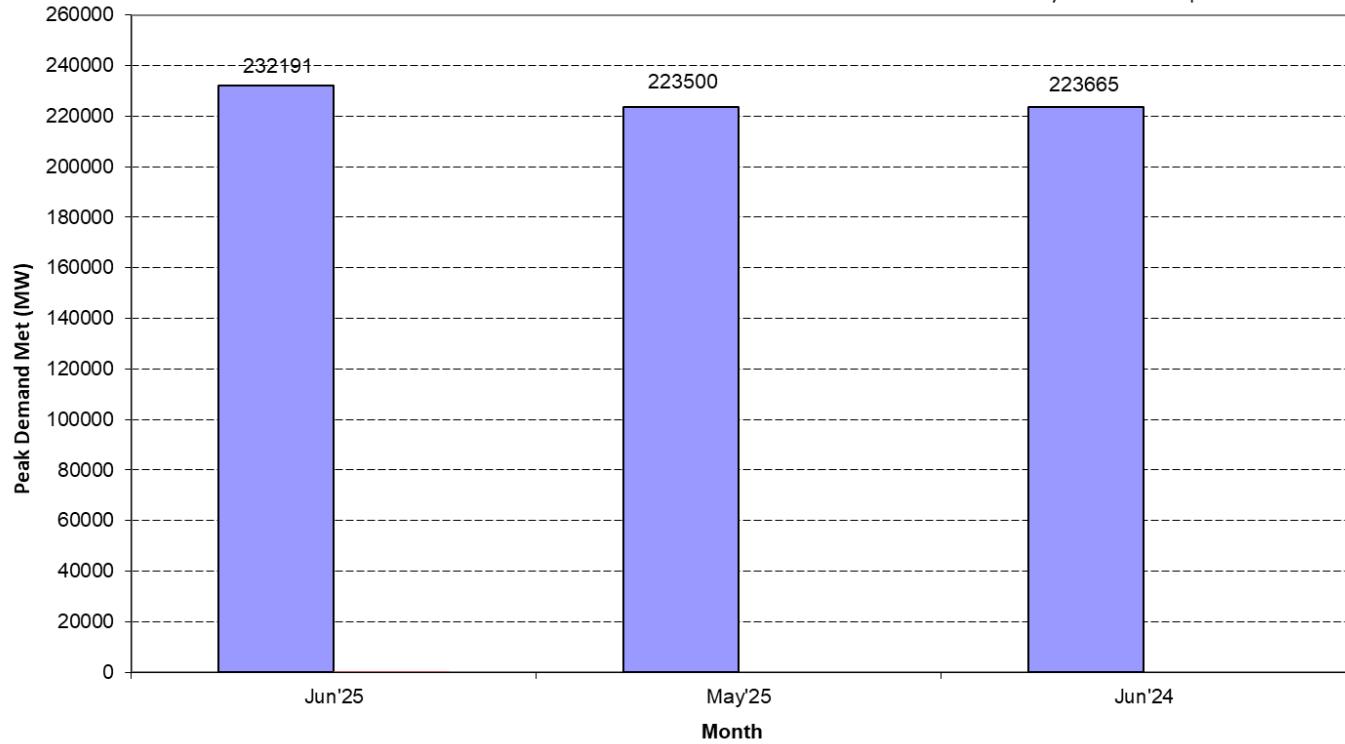
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1. SUMMARY OF REPORT FOR THE MONTH OF JUNE-2025

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

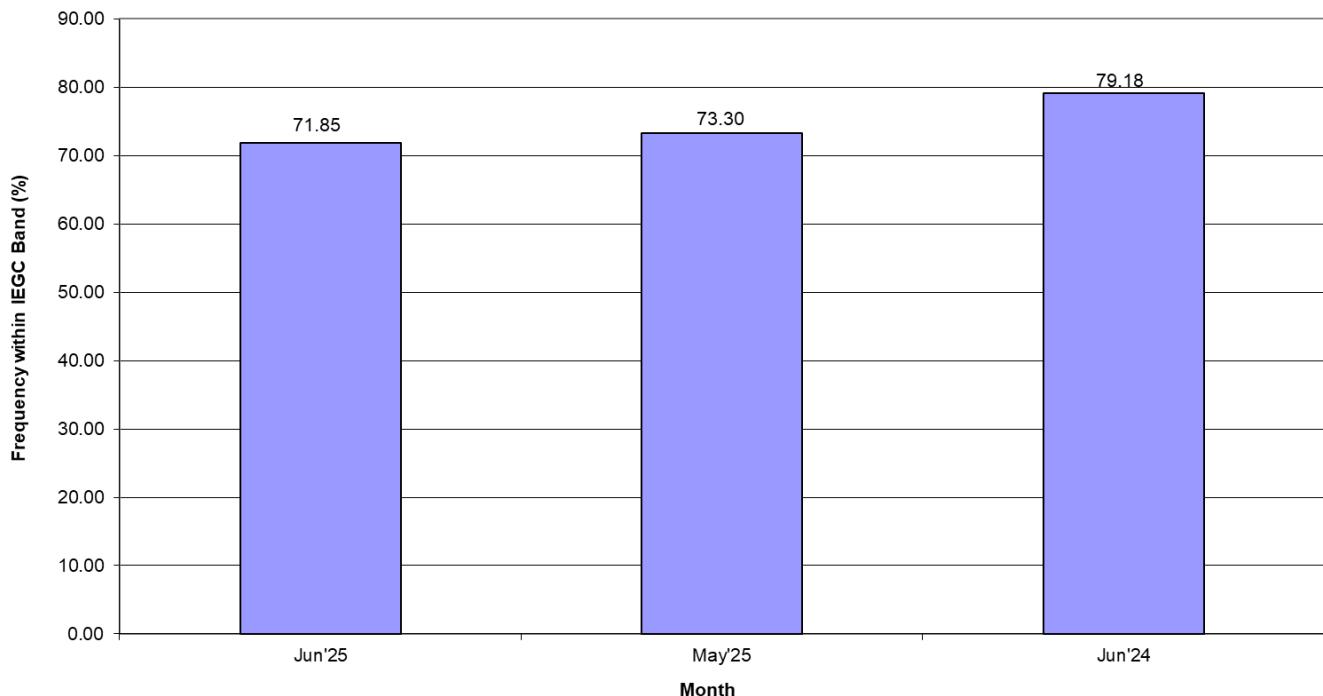
Increased by 3.89% as compared to May'25

Increased by 3.81% as compared to Jun'24

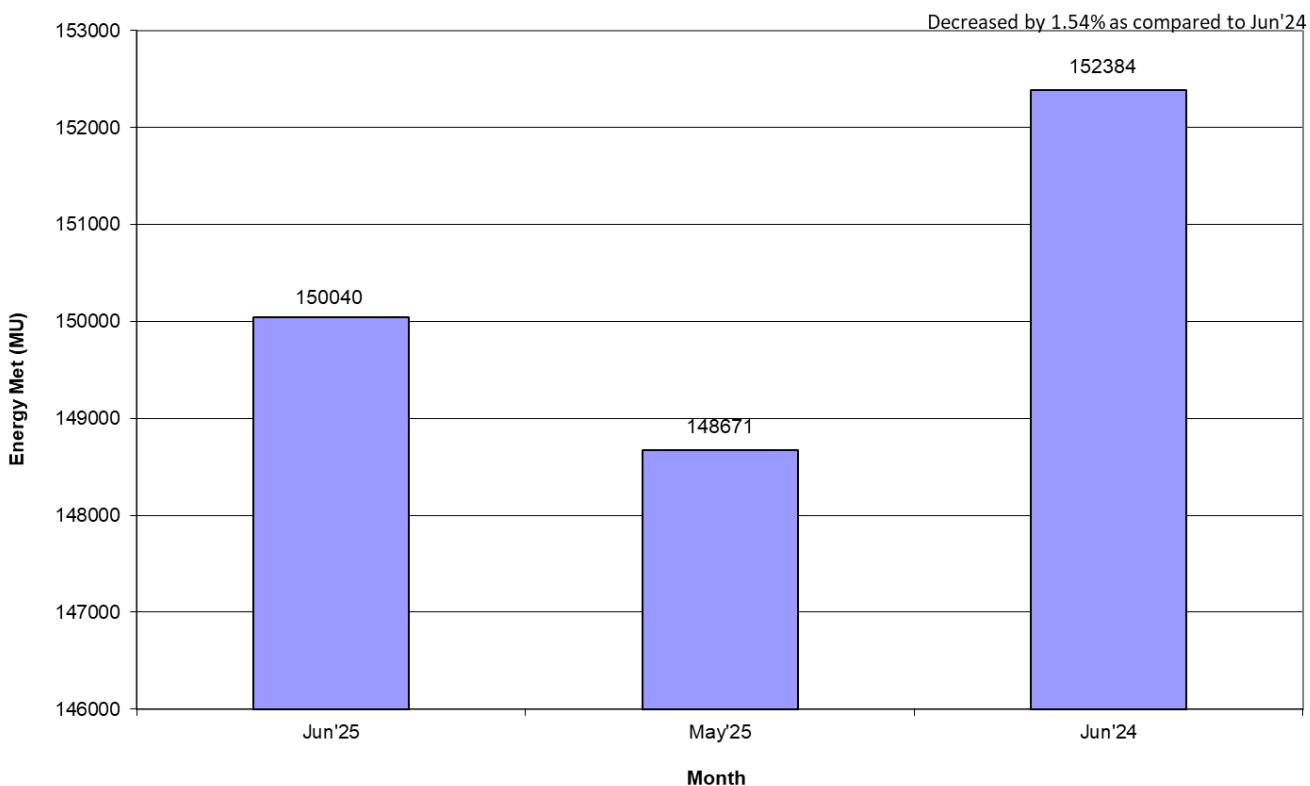


*Source: As per daily data furnished by states

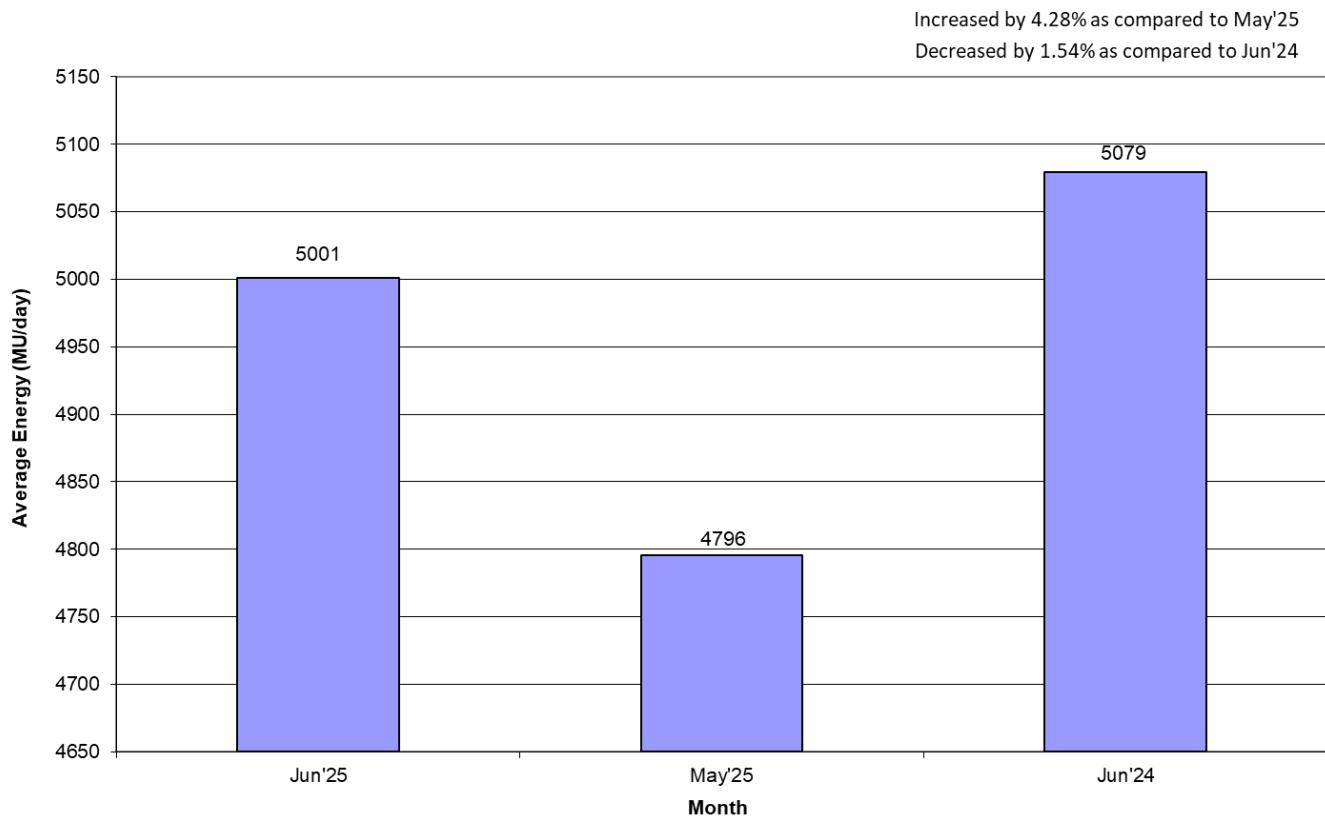
Frequency within IEGC Band



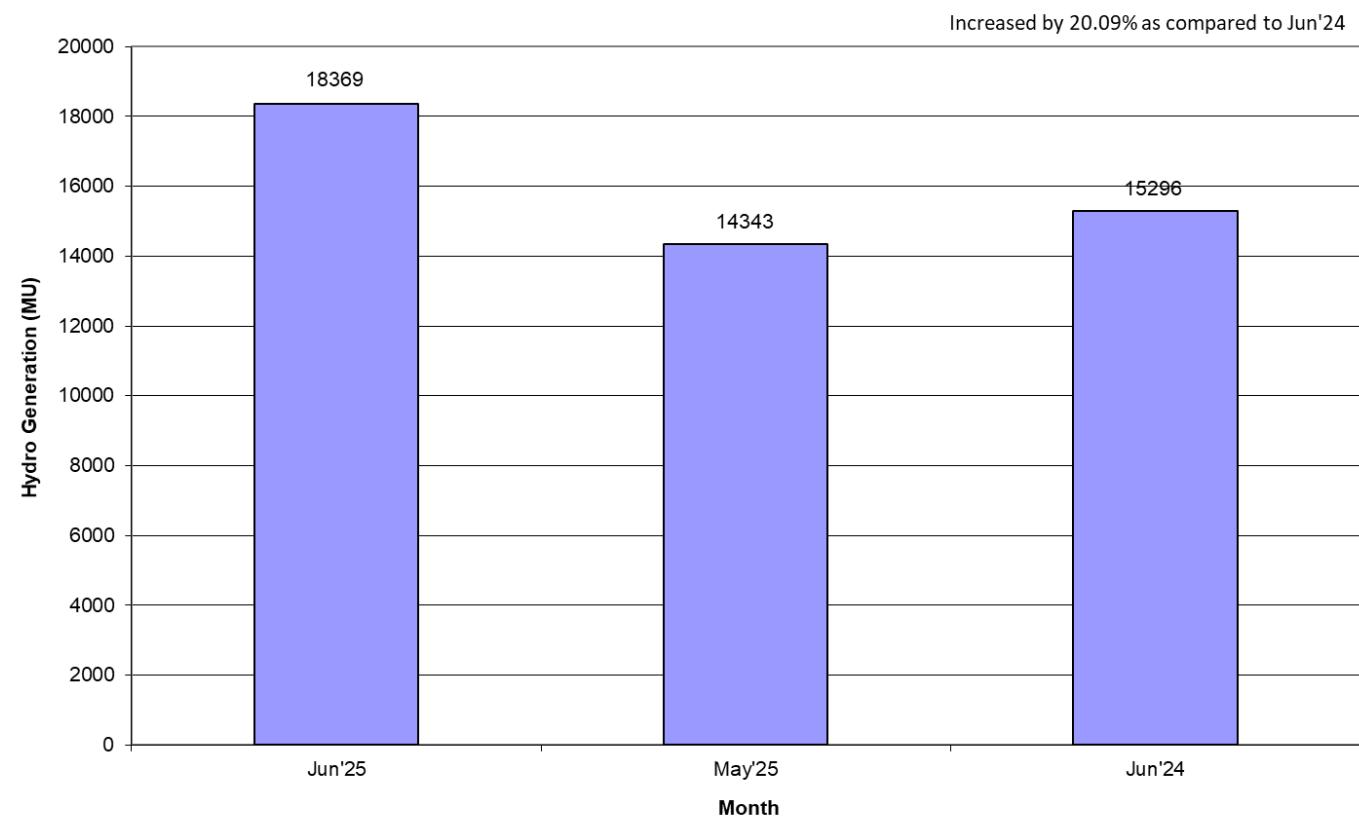
ENERGY MET AT NATIONAL LEVEL (MU)



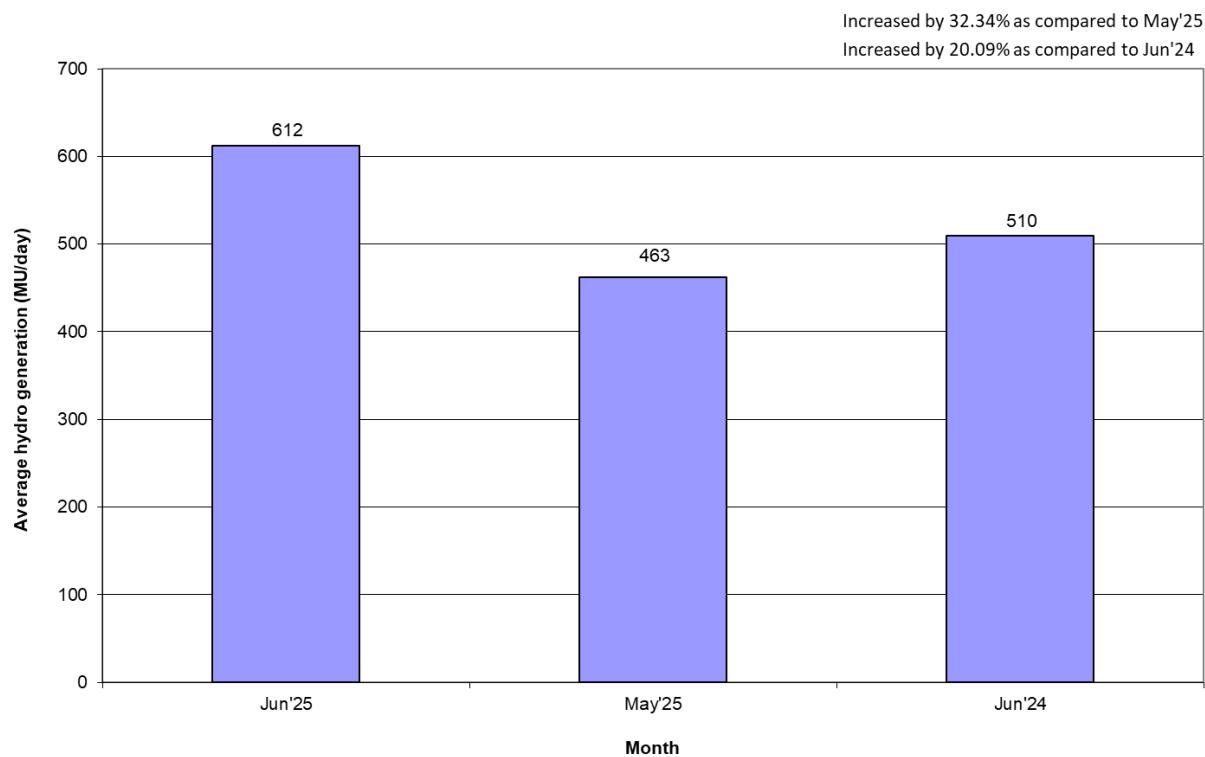
AVERAGE ENERGY MET AT NATIONAL LEVEL (MU/Day)



HYDRO GENERATION AT NATIONAL LEVEL (MU)

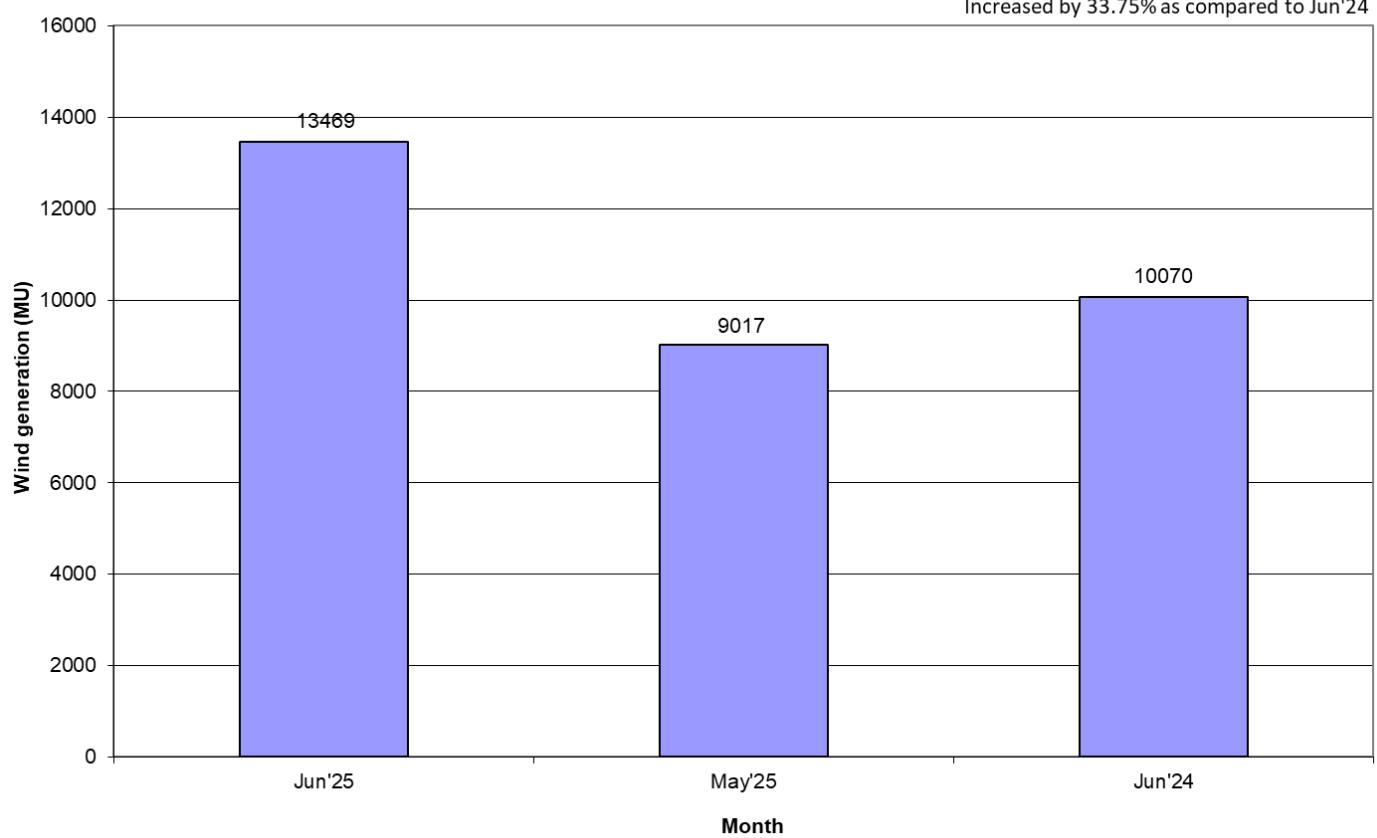


AVERAGE HYDRO GENERATION AT NATIONAL LEVEL (MU/Day)



WIND GENERATION AT NATIONAL LEVEL (MU)

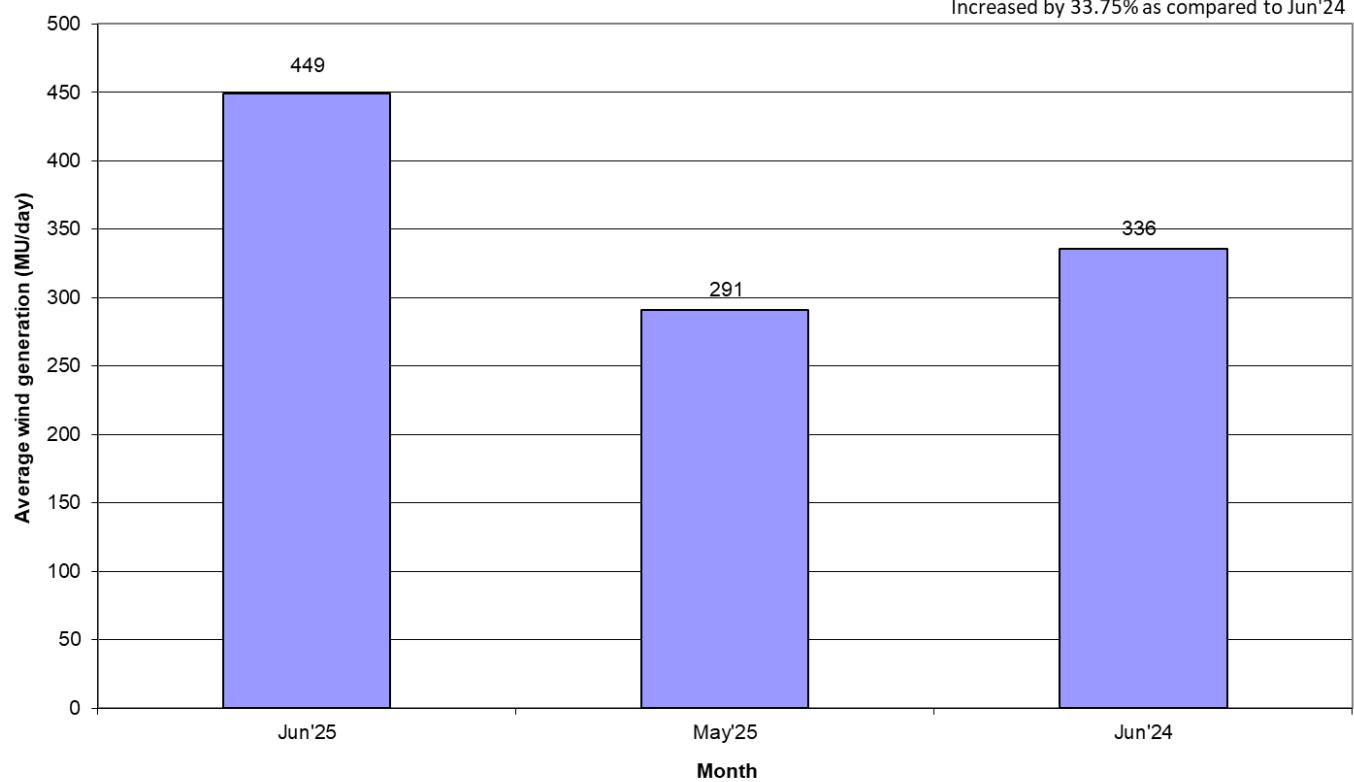
Increased by 33.75% as compared to Jun'24



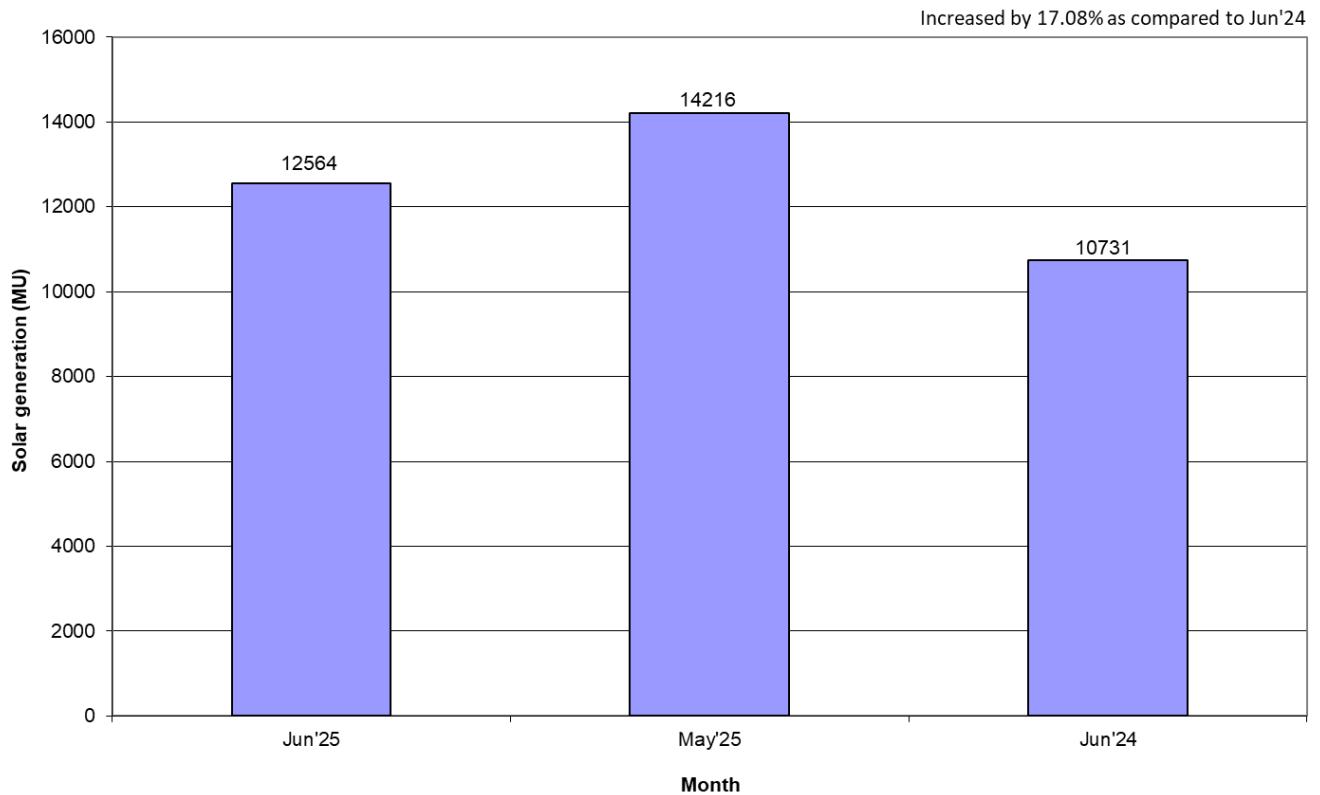
AVERAGE WIND GENERATION AT NATIONAL LEVEL (MU/Day)

Increased by 54.36% as compared to May'25

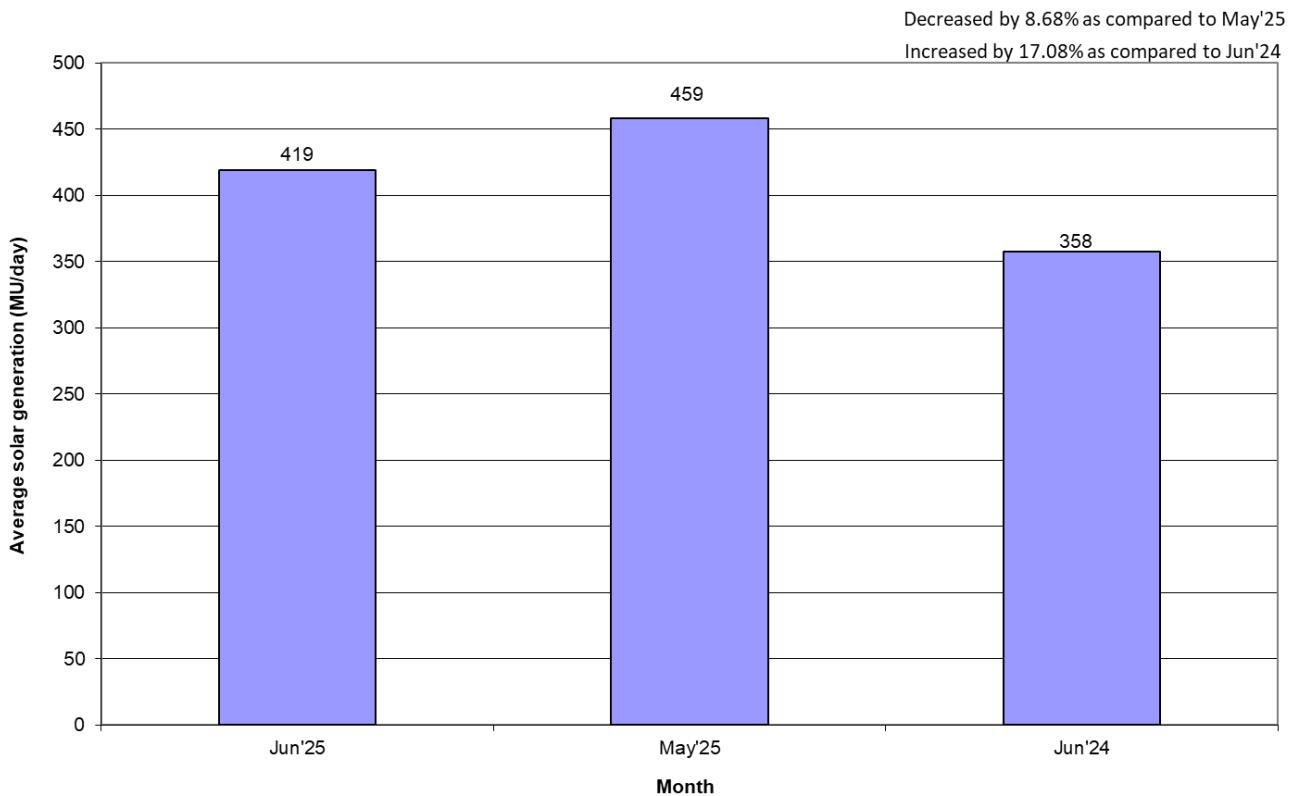
Increased by 33.75% as compared to Jun'24



SOLAR GENERATION AT NATIONAL LEVEL (MU)



AVERAGE SOLAR GENERATION AT NATIONAL LEVEL (MU/Day)



2. ALL INDIA REGIONWISE INSTALLED CAPACITY

As on 30.06.2025
(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	21795	50976	142240
2	WR	73017	1400	9399	0	83817	3240	7650	67831	162537
3	SR	50496	3640	3356	434	57925	3320	13127	62614	136987
4	ER	29985	0	0	0	29985	0	4862	2483	37331
5	NER	1242	0	1665	36	2943	0	1944	677	5564
6	ISLANDS	0	0	0	120	120	0	0	41	160
ALL INDIA		214698	6620	20132	589	242040	8780	49378	184621	484819

Source: Central Electricity Authority

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

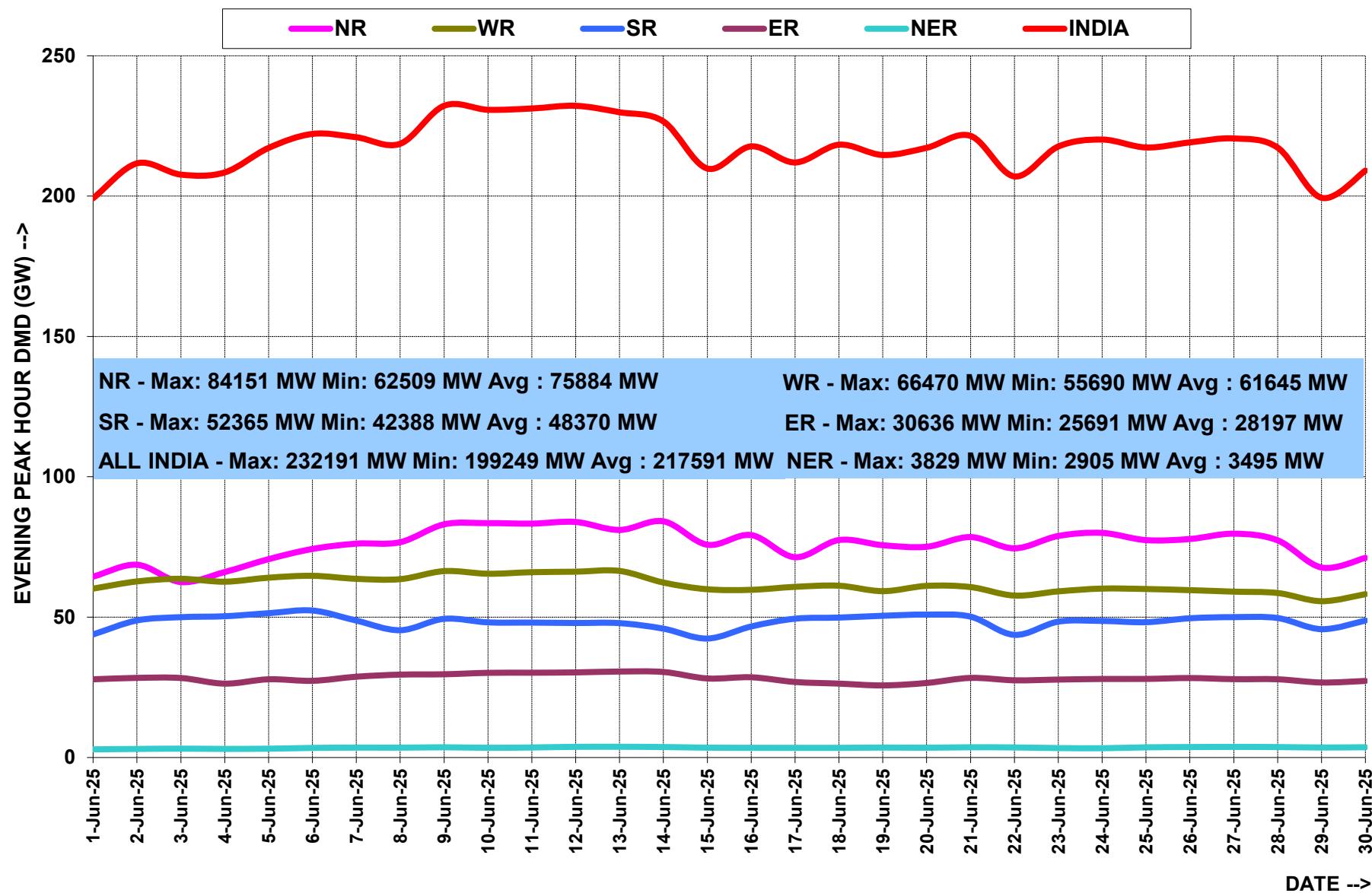
माह: जून 2025 MONTH:- JUN 2025

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	कुल TOTAL
1-Jun-25	64454	60178	43848	27864	2905	199249
2-Jun-25	68676	62730	48831	28372	3059	211668
3-Jun-25	62509	63674	50003	28326	3160	207672
4-Jun-25	66077	62641	50331	26324	3068	208441
5-Jun-25	70666	64071	51418	27875	3144	217174
6-Jun-25	74303	64741	52365	27329	3427	222165
7-Jun-25	76192	63664	48787	28789	3539	220971
8-Jun-25	76718	63544	45347	29535	3516	218660
9-Jun-25	83067	66408	49413	29658	3645	232191
10-Jun-25	83498	65470	48153	30173	3473	230767
11-Jun-25	83331	66028	48064	30218	3579	231220
12-Jun-25	83917	66205	47929	30321	3806	232178
13-Jun-25	81072	66470	47877	30636	3829	229884
14-Jun-25	84151	62336	45906	30477	3738	226608
15-Jun-25	75806	59947	42388	28175	3515	209831
16-Jun-25	79248	59745	46687	28587	3460	217727
17-Jun-25	71358	60809	49456	26915	3451	211989
18-Jun-25	77482	61207	49853	26331	3448	218321
19-Jun-25	75636	59271	50502	25691	3549	214649
20-Jun-25	75091	61151	50921	26562	3500	217225
21-Jun-25	78539	60727	50191	28357	3654	221468
22-Jun-25	74523	57694	43701	27511	3594	207023
23-Jun-25	78929	59193	48411	27770	3371	217674
24-Jun-25	80016	60187	48654	27987	3316	220160
25-Jun-25	77454	60037	48214	28006	3630	217341
26-Jun-25	77848	59629	49615	28323	3733	219148
27-Jun-25	79745	59092	50017	27915	3781	220550
28-Jun-25	77373	58611	49693	27872	3729	217278
29-Jun-25	67701	55690	45723	26728	3570	199412
30-Jun-25	71127	58212	48804	27279	3665	209087
उच्चतम MAXIMUM	84151	66470	52365	30636	3829	232191
निम्नतम MINIMUM	62509	55690	42388	25691	2905	199249
औसत AVERAGE	75884	61645	48370	28197	3495	217591
अब तक का उच्चतम All Time Max.	84151	71713	55925	31898	3829	232191
दिनांक Date	14.06.25	24.04.25	28.03.25	14.05.25	13.06.25	09.06.25

Source: As per daily data furnished by states

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



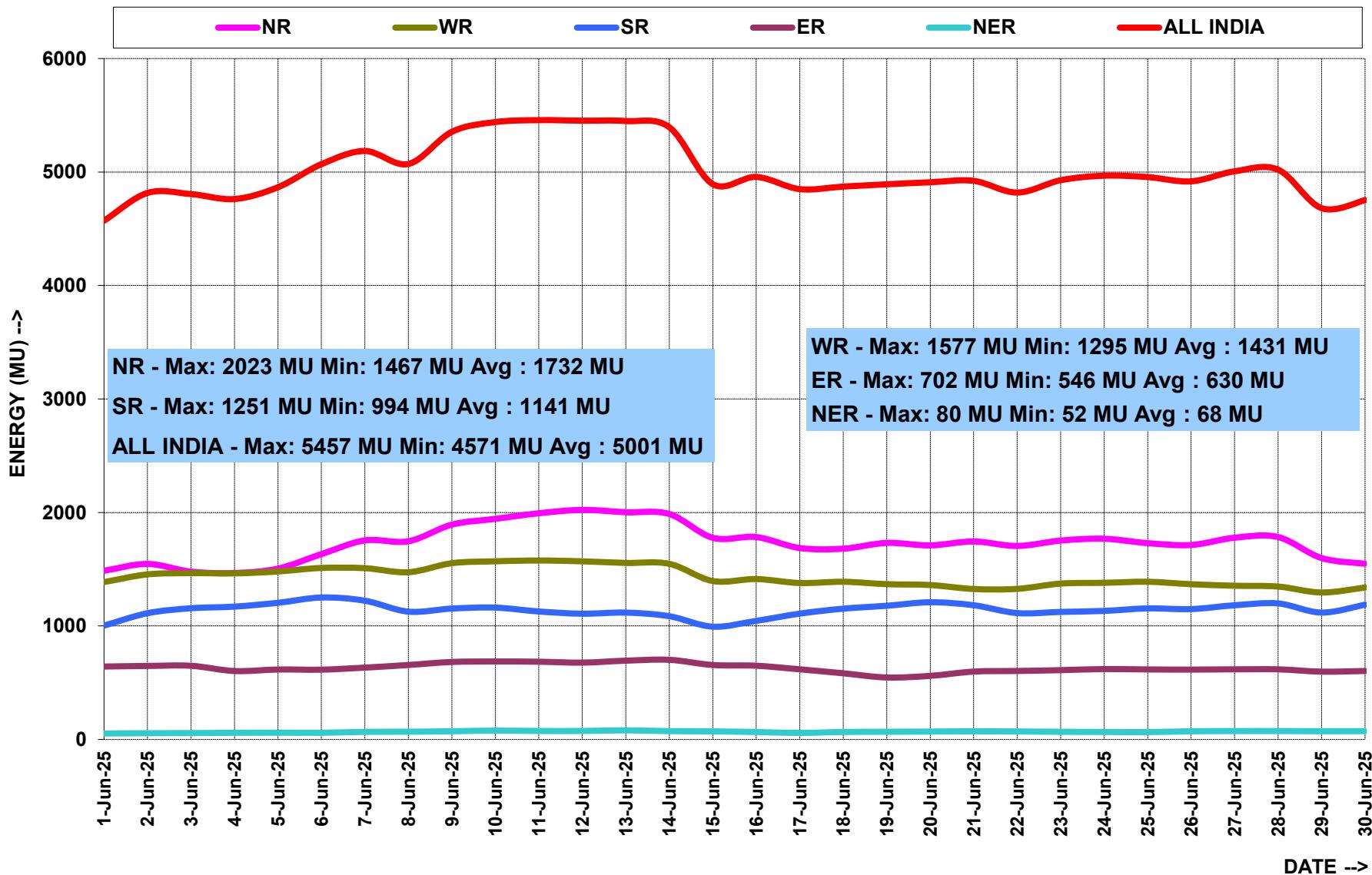
4. राष्ट्रीय स्तर पर विद्युत ऊर्जा आपूर्ति ENERGY MET AT NATIONAL LEVEL

माह: जून 2025 MONTH:- JUN 2025

सभी आंकड़े मिलियन यूनिट में All figures in MU

दिनांक Date	ऊतरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वतर क्षे. NER	कुल TOTAL
01-Jun-25	1487	1387	1003	642	52	4571
02-Jun-25	1546	1455	1112	648	55	4816
03-Jun-25	1479	1465	1156	649	56	4806
04-Jun-25	1467	1463	1170	603	59	4762
05-Jun-25	1505	1480	1204	616	60	4866
06-Jun-25	1633	1511	1251	615	59	5069
07-Jun-25	1754	1509	1222	633	67	5186
08-Jun-25	1746	1474	1126	656	68	5071
09-Jun-25	1893	1553	1154	683	72	5354
10-Jun-25	1944	1570	1162	687	78	5440
11-Jun-25	1993	1577	1128	685	75	5457
12-Jun-25	2023	1570	1108	677	75	5452
13-Jun-25	2002	1556	1118	694	80	5449
14-Jun-25	1987	1548	1086	702	73	5395
15-Jun-25	1777	1396	994	656	71	4894
16-Jun-25	1783	1413	1045	650	66	4957
17-Jun-25	1687	1378	1109	618	58	4850
18-Jun-25	1681	1389	1152	583	66	4872
19-Jun-25	1732	1368	1178	546	68	4892
20-Jun-25	1710	1361	1209	560	70	4910
21-Jun-25	1744	1326	1183	598	72	4922
22-Jun-25	1705	1327	1114	603	70	4819
23-Jun-25	1753	1373	1124	611	67	4928
24-Jun-25	1769	1380	1133	620	66	4968
25-Jun-25	1730	1389	1155	617	65	4956
26-Jun-25	1714	1368	1149	616	72	4918
27-Jun-25	1778	1355	1182	618	74	5006
28-Jun-25	1784	1347	1199	618	74	5021
29-Jun-25	1599	1295	1118	598	72	4682
30-Jun-25	1549	1339	1188	603	73	4752
कुल TOTAL	51952	42922	34230	18903	2032	150040
उच्चतम MAXIMUM	2023	1577	1251	702	80	5457
निम्नतम MINIMUM	1467	1295	994	546	52	4571
औसत AVERAGE	1732	1431	1141	630	68	5001
संचयी 2025-26 Cumulative 2025-26	138587	139712	107312	55141	5445	446196
अब तक का उच्चतम All Time Max.	2023	1742	1458	702	80	5466
दिनांक Date	12.06.25	25.04.25	28.03.25	14.06.25	20.09.24	30.05.24

ENERGY MET DURING THE MONTH OF JUNE' 2025



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

राष्ट्रीय ग्रिड NATIONAL GRID

फ्रेक्वेंसी रूपरेखा (Hz)		<49.9	49.9-50.05	>50.05	उच्चतम फ्रेक्वेंसी	निम्नतम फ्रेक्वेंसी	औसत फ्रेक्वेंसी	
% समय	Apr-25	All India Grid	5.16	75.64	19.20			
	May-25	All India Grid	3.60	73.30	23.11	50.49	49.59	50.02
	Jun-25	All India Grid	7.56	71.85	20.60	50.27	49.74	50.00
	2025-26 (upto Jun)	All India Grid	5.42	73.59	20.99	50.49	49.42	50.01

5.1 जून 2025 के लिए आवृत्ति रूपरेखा FREQUENCY PROFILE FOR JUNE 2025

फ्रिक्वेंसी रूपरेखा (Hz)		<49.9	49.9-50.05	>50.05	उच्चतम फ्रिक्वेंसी	निम्नतम फ्रिक्वेंसी	औसत फ्रिक्वेंसी	एफ.वी.आई.
% समय	01-Jun-25	9.95	64.58	25.46	50.37	49.64	50.01	0.09
	02-Jun-25	8.70	67.25	24.05	50.31	49.75	50.01	0.08
	03-Jun-25	5.43	74.86	19.71	50.28	49.75	50.00	0.04
	04-Jun-25	5.24	66.11	28.65	50.35	49.70	50.02	0.06
	05-Jun-25	15.34	73.87	10.80	50.15	49.56	49.96	0.09
	06-Jun-25	2.07	82.47	15.46	50.17	49.83	50.00	0.02
	07-Jun-25	6.81	78.25	14.94	50.15	49.71	49.99	0.04
	08-Jun-25	7.37	78.28	14.35	50.19	49.67	49.99	0.05
	09-Jun-25	3.94	69.62	26.45	50.31	49.76	50.02	0.05
	10-Jun-25	3.21	71.84	24.95	50.28	49.83	50.02	0.04
	11-Jun-25	4.44	84.87	10.68	50.20	49.77	49.99	0.03
	12-Jun-25	15.32	74.76	9.92	50.12	49.65	49.97	0.06
	13-Jun-25	5.34	74.42	20.24	50.26	49.79	50.01	0.04
	14-Jun-25	10.07	75.98	13.95	50.23	49.67	49.99	0.04
	15-Jun-25	9.70	70.07	20.23	50.26	49.78	50.00	0.05
	16-Jun-25	7.58	69.43	22.99	50.22	49.75	50.00	0.04
	17-Jun-25	5.76	65.17	29.06	50.36	49.72	50.03	0.08
	18-Jun-25	1.01	69.00	29.99	50.25	49.85	50.02	0.04
	19-Jun-25	5.89	76.98	17.13	50.25	49.78	50.00	0.05
	20-Jun-25	1.70	73.62	24.68	50.32	49.83	50.02	0.04
	21-Jun-25	10.20	78.23	11.57	50.28	49.78	49.99	0.05
	22-Jun-25	6.79	71.38	21.83	50.34	49.80	50.01	0.06
	23-Jun-25	15.75	66.42	17.82	50.33	49.72	49.99	0.08
	24-Jun-25	5.16	61.35	33.48	50.27	49.78	50.02	0.05
	25-Jun-25	14.20	73.55	12.25	50.28	49.72	49.98	0.07
	26-Jun-25	3.78	76.98	19.24	50.28	49.77	50.01	0.04
	27-Jun-25	15.15	67.75	17.09	50.22	49.55	49.98	0.08
	28-Jun-25	12.59	66.74	20.67	50.32	49.76	49.99	0.07
	29-Jun-25	4.64	60.16	35.20	50.38	49.71	50.04	0.11
	30-Jun-25	3.52	71.45	25.03	50.29	49.83	50.02	0.04

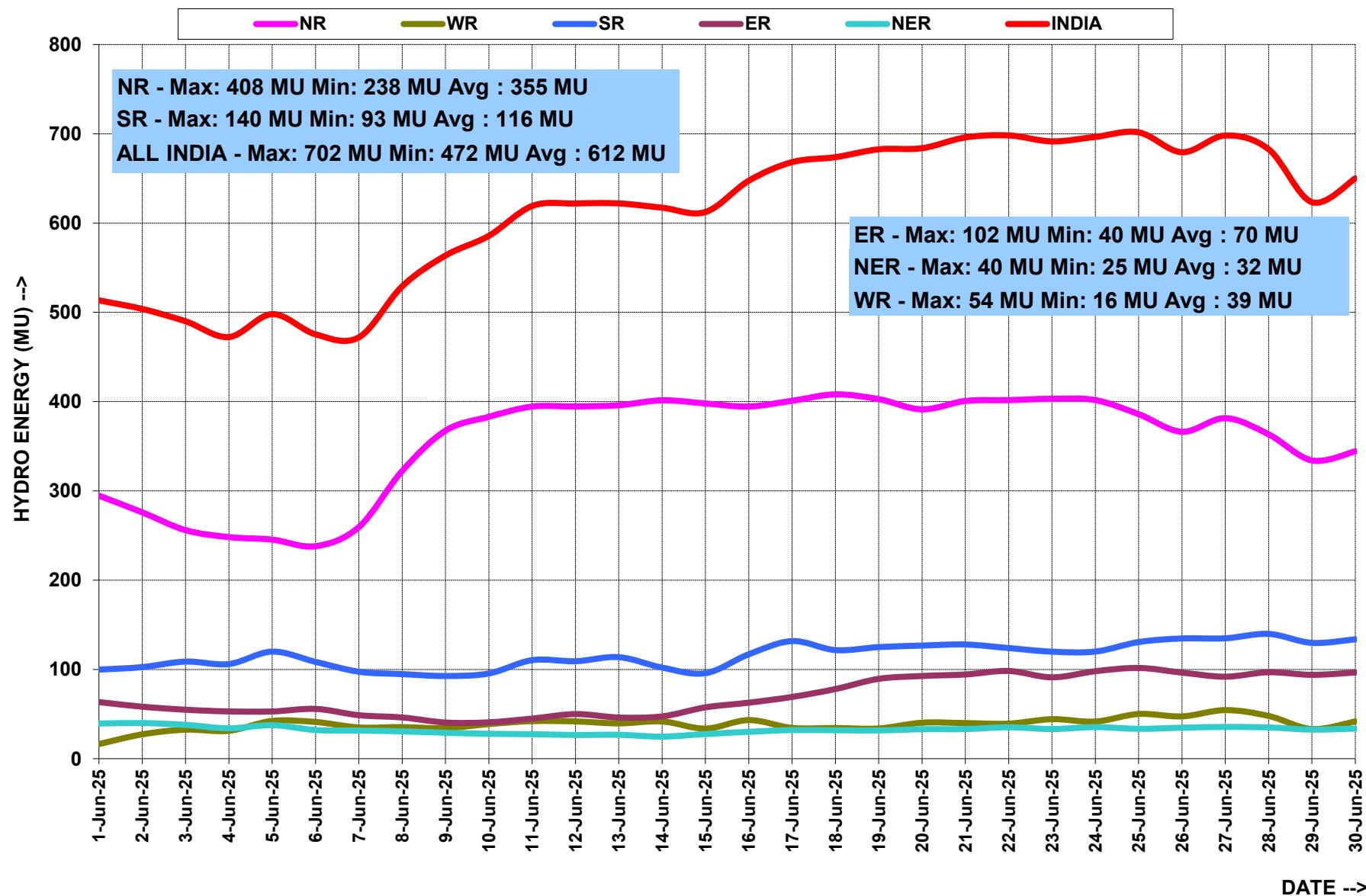
6.राष्ट्रीय स्तर पर जल विद्युत उत्पादन
HYDRO GENERATION AT NATIONAL LEVEL

माह: जून 2025 MONTH:- JUN 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	कुल TOTAL
01-Jun-25	295	16	100	63	39	513
02-Jun-25	276	27	103	58	40	504
03-Jun-25	256	32	109	55	38	490
04-Jun-25	248	31	106	53	34	472
05-Jun-25	245	42	120	53	38	498
06-Jun-25	238	41	108	56	32	475
07-Jun-25	259	35	97	49	31	472
08-Jun-25	322	35	95	46	31	529
09-Jun-25	367	34	93	40	29	564
10-Jun-25	383	39	95	41	28	586
11-Jun-25	394	42	110	45	27	619
12-Jun-25	395	42	109	50	27	622
13-Jun-25	396	40	114	46	27	622
14-Jun-25	401	42	102	47	25	617
15-Jun-25	398	34	96	57	28	612
16-Jun-25	395	43	117	63	30	647
17-Jun-25	401	34	132	69	32	668
18-Jun-25	408	34	122	78	32	674
19-Jun-25	403	34	125	89	32	683
20-Jun-25	391	40	127	93	33	684
21-Jun-25	401	40	128	94	33	696
22-Jun-25	402	39	124	98	35	698
23-Jun-25	403	44	120	91	33	691
24-Jun-25	402	42	120	98	35	697
25-Jun-25	386	50	131	102	33	702
26-Jun-25	366	47	135	96	35	679
27-Jun-25	381	54	135	92	36	698
28-Jun-25	363	48	140	97	35	683
29-Jun-25	334	33	130	94	33	623
30-Jun-25	344	42	134	97	34	650
कुल TOTAL	10655	1158	3474	2110	973	18369
उच्चतम MAXIMUM	408	54	140	102	40	702
निम्नतम MINIMUM	238	16	93	40	25	472
औसत AVERAGE	355	39	116	70	32	612
संचयी 2025-26 Cumulative 2025-26	25010	3589	8080	4244	1950	42872
अब तक का उच्चतम All Time Max.	443	167	208	157	43	877
दिनांक Date	01.08.23	18.12.14	31.08.18	14.09.22	27.06.24	30.08.22

HYDRO ENERGY DURING THE MONTH OF JUNE' 2025



7. राष्ट्रीय स्तर पर पवन ऊर्जा उत्पादन
WIND GENERATION AT NATIONAL LEVEL

माह: जून 2025 MONTH:- JUN 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	कुल TOTAL
01-Jun-25	45	287	211	-----	-----	543
02-Jun-25	49	249	195	-----	-----	493
03-Jun-25	57	238	207	-----	-----	501
04-Jun-25	40	149	193	-----	-----	382
05-Jun-25	30	92	104	-----	-----	226
06-Jun-25	37	122	98	-----	-----	257
07-Jun-25	42	173	155	-----	-----	370
08-Jun-25	47	192	168	-----	-----	407
09-Jun-25	51	194	197	-----	-----	442
10-Jun-25	48	191	212	-----	-----	451
11-Jun-25	38	176	214	-----	-----	428
12-Jun-25	22	180	179	-----	-----	380
13-Jun-25	17	141	169	-----	-----	326
14-Jun-25	12	82	244	-----	-----	339
15-Jun-25	17	67	283	-----	-----	367
16-Jun-25	12	143	296	-----	-----	452
17-Jun-25	12	169	251	-----	-----	432
18-Jun-25	10	256	263	-----	-----	528
19-Jun-25	31	301	281	-----	-----	613
20-Jun-25	55	292	263	-----	-----	610
21-Jun-25	52	257	275	-----	-----	584
22-Jun-25	23	201	275	-----	-----	500
23-Jun-25	28	215	285	-----	-----	528
24-Jun-25	25	241	291	-----	-----	557
25-Jun-25	26	122	283	-----	-----	431
26-Jun-25	12	86	266	-----	-----	364
27-Jun-25	11	129	253	-----	-----	392
28-Jun-25	9	183	241	-----	-----	432
29-Jun-25	32	270	264	-----	-----	566
30-Jun-25	31	270	268	-----	-----	569
कुल TOTAL	918	5668	6883	-----	-----	13469
उच्चतम MAXIMUM	57	301	296	-----	-----	613
निम्नतम MINIMUM	9	67	98	-----	-----	226
औसत AVERAGE	31	189	229	-----	-----	449
संचयी 2025-26 Cumulative 2025-26	2513	13644	12409	-----	-----	28566
अब तक का उच्चतम All Time Max.	86	315	323	-----	-----	640
दिनांक Date	07.08.23	31.05.25	26.07.24	-----	-----	31.05.25

*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: जून 2025 MONTH:- JUN 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	कुल TOTAL
01-Jun-25	149	122	133	3.6	0.5	408
02-Jun-25	202	141	136	4.3	0.5	484
03-Jun-25	190	135	130	4.0	0.6	460
04-Jun-25	209	147	139	3.7	0.6	499
05-Jun-25	212	152	141	3.9	0.8	509
06-Jun-25	217	157	137	3.8	1.0	516
07-Jun-25	220	151	136	4.1	1.0	513
08-Jun-25	223	152	131	4.0	1.2	512
09-Jun-25	224	153	116	3.8	1.0	498
10-Jun-25	223	152	120	4.0	1.0	500
11-Jun-25	227	142	87	3.7	1.0	461
12-Jun-25	224	154	98	3.8	1.1	482
13-Jun-25	210	134	104	3.8	1.1	453
14-Jun-25	124	131	108	4.0	0.8	368
15-Jun-25	104	108	104	3.8	1.0	320
16-Jun-25	129	97	106	2.8	0.4	335
17-Jun-25	167	82	120	2.1	0.7	372
18-Jun-25	188	94	128	2.0	0.9	413
19-Jun-25	183	87	124	1.2	0.7	396
20-Jun-25	171	95	128	2.4	0.9	397
21-Jun-25	129	85	134	3.7	0.9	353
22-Jun-25	169	78	120	2.8	1.0	371
23-Jun-25	164	70	96	1.6	0.5	332
24-Jun-25	195	86	107	2.0	0.7	391
25-Jun-25	164	75	94	1.8	0.9	336
26-Jun-25	144	89	98	1.9	1.0	335
27-Jun-25	170	94	126	2.3	0.9	393
28-Jun-25	186	101	127	1.7	1.1	418
29-Jun-25	171	64	115	1.9	1.0	352
30-Jun-25	182	91	113	1.6	0.9	388
कुल TOTAL	5472	3421	3555	90	26	12564
उच्चतम MAXIMUM	227	157	141	4.3	1.2	516
निम्नतम MINIMUM	104	64	87	1.2	0.4	320
औसत AVERAGE	182	114	119	3.0	0.9	419
संचयी 2025-26 Cumulative 2025-26	17896	11977	11457	309	77.3	41718
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.

9. राष्ट्रीय स्तर पर दैनिक अधिकतम विद्युत मांग पूर्ति
DAILY MAXIMUM DEMAND MET AT NATIONAL LEVEL

माह: जून 2025 MONTH:- JUN 2025

सभी आंकड़े मेगावाट में All figures in MW

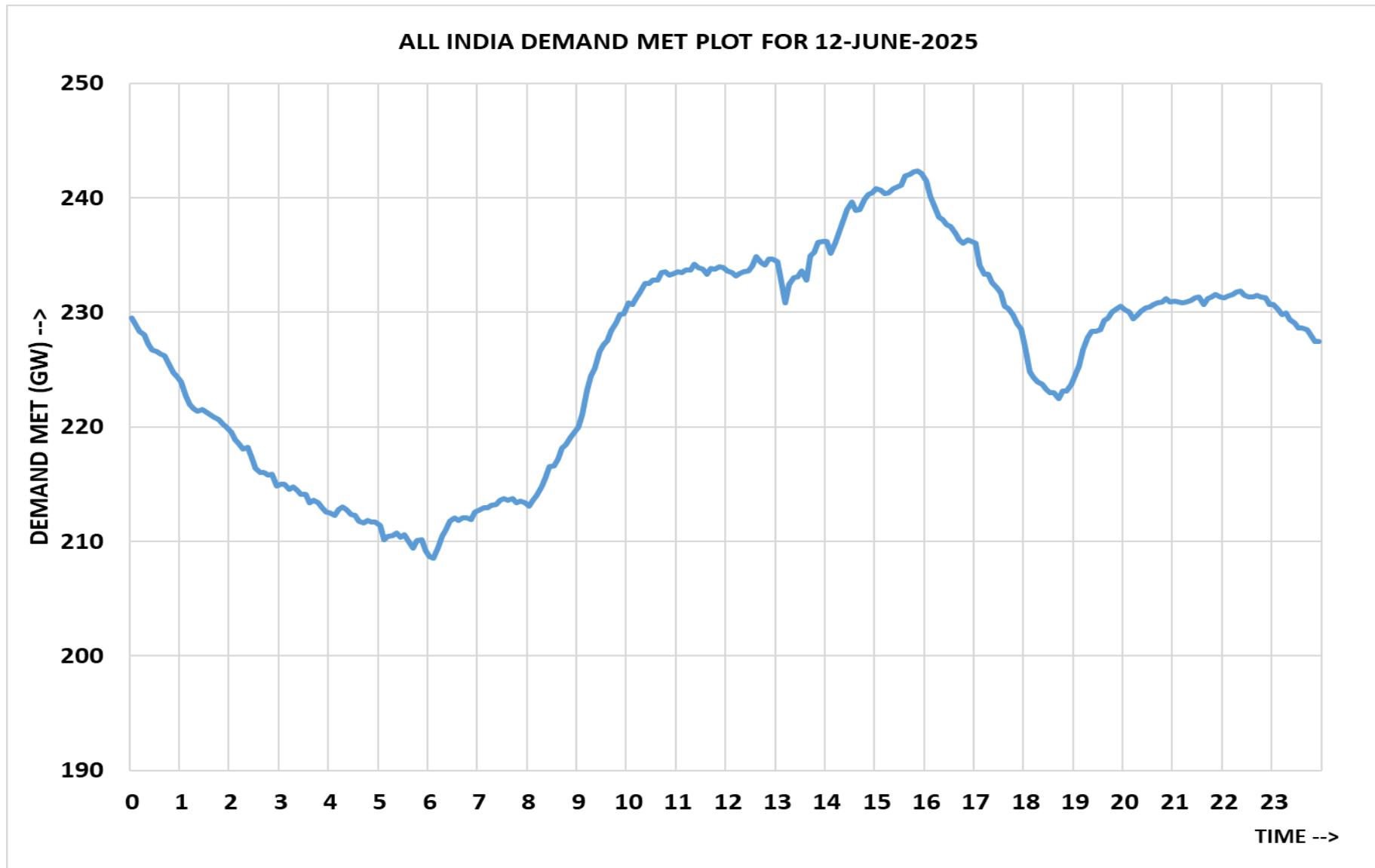
दिनांक Date	ऊतरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	कुल TOTAL	विभिन्नता फैक्टर Diversity Factor*
01-Jun-25	71705	61685	45522	29977	3037	207975	1.019
02-Jun-25	72083	63852	52322	29743	3221	216597	1.021
03-Jun-25	68544	64034	52019	29625	3259	211106	1.030
04-Jun-25	68247	63313	53322	27952	3240	211615	1.021
05-Jun-25	71849	65100	55157	28647	3403	217425	1.031
06-Jun-25	77522	65716	58043	28205	3494	225246	1.034
07-Jun-25	80927	64264	56259	30727	3632	232323	1.015
08-Jun-25	81427	64311	51294	31335	3552	227163	1.021
09-Jun-25	86476	69278	54678	32264	3781	240852	1.023
10-Jun-25	87313	70148	53847	32463	3638	242345	1.021
11-Jun-25	89177	70150	51336	32104	3765	241827	1.019
12-Jun-25	90916	69778	50114	32238	3863	242493	1.018
13-Jun-25	89281	69145	50355	33014	3938	241131	1.019
14-Jun-25	88819	68937	49695	32774	3736	240938	1.013
15-Jun-25	87313	61285	44714	32125	3557	226200	1.012
16-Jun-25	83225	60146	47810	30266	3560	221625	1.015
17-Jun-25	80370	60445	49930	29787	3511	213523	1.049
18-Jun-25	80857	60936	52181	27946	3472	220427	1.023
19-Jun-25	77979	59508	53165	26654	3585	216506	1.020
20-Jun-25	77939	61172	55201	27447	3587	219196	1.028
21-Jun-25	81429	60902	53292	29578	3754	224048	1.022
22-Jun-25	79652	58613	51131	28908	3640	217699	1.020
23-Jun-25	81186	59896	52403	28895	3560	217820	1.037
24-Jun-25	86916	60772	53074	29910	3489	220469	1.062
25-Jun-25	79304	60490	55140	29343	3692	215731	1.057
26-Jun-25	78322	60604	54023	29541	3752	218210	1.037
27-Jun-25	80721	59993	55004	29281	3748	219561	1.042
28-Jun-25	80221	58837	55855	28702	3642	217185	1.046
29-Jun-25	76621	55871	51633	27855	3601	208892	1.032
30-Jun-25	72206	59594	56268	27904	3718	208369	1.054
उच्चतम MAXIMUM	90916	70150	58043	33014	3938	242493	1.062
निम्नतम MINIMUM	68247	55871	44714	26654	3037	207975	1.012
औसत AVERAGE	80285	62959	52493	29840	3581	222817	1.029
अब तक का उच्चतम All Time Max.	91215	80000	69942	33014	3938	250070	
दिनांक Date	19.06.24	08.02.25	21.03.25	13.06.25	13.06.25	30.05.24	

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

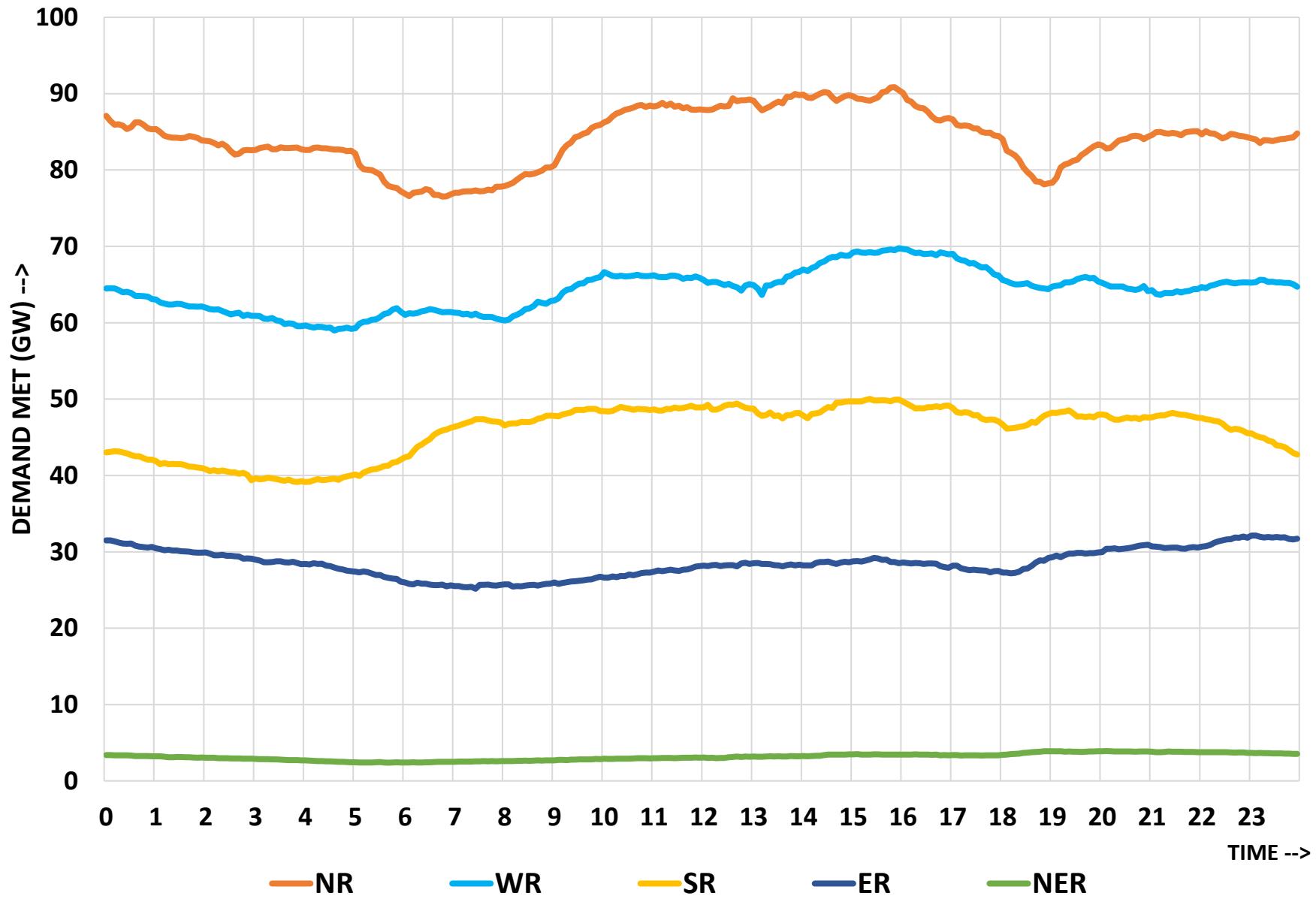
नोट : यह आंकड़े एनएलडीसी स्काइडा प्रणाली में दर्ज दैनिक अधिकतम मांगपूर्ति दर्शाते हैं।

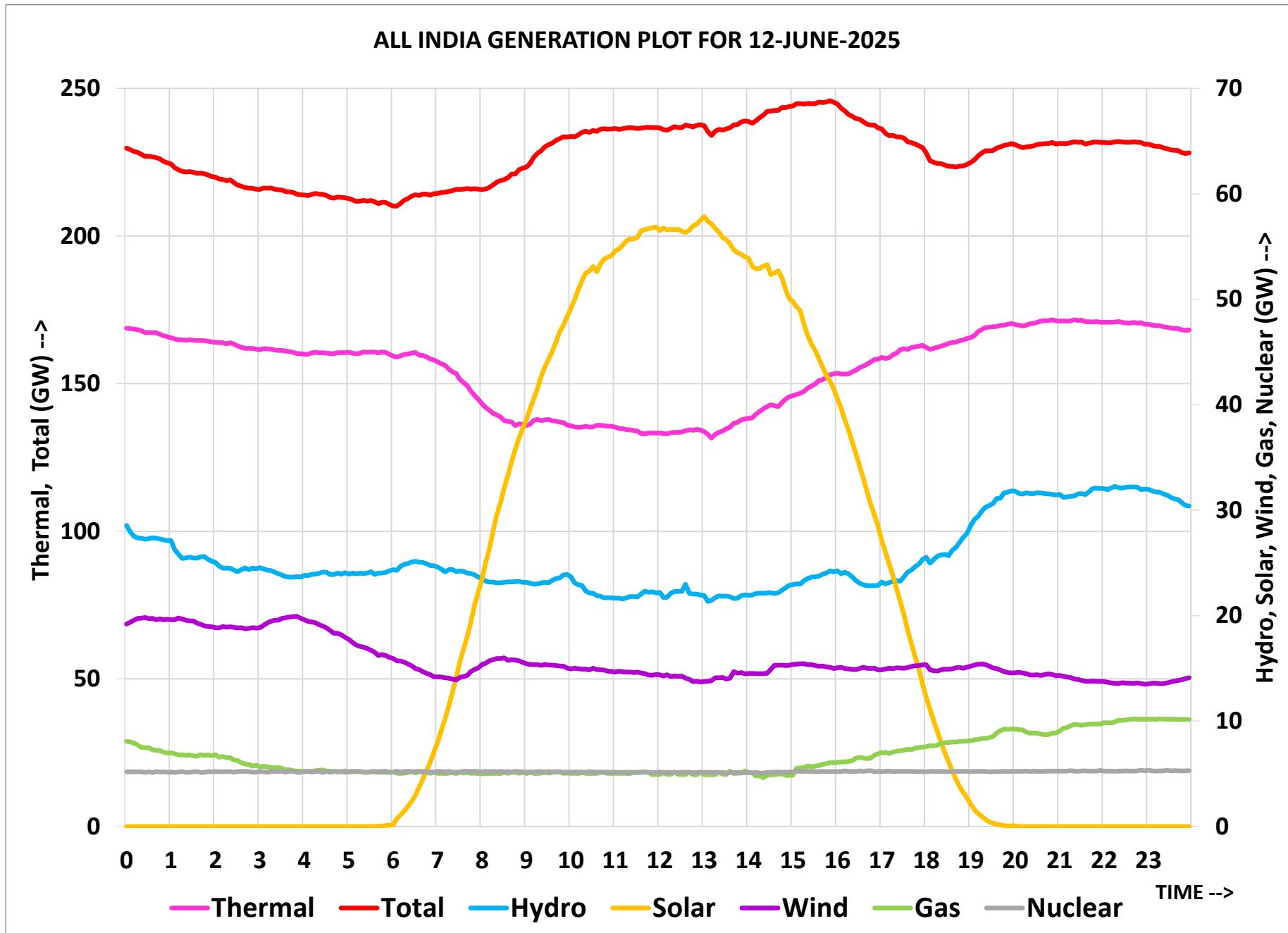
Note: The above figures denote daily maximum demand met recorded in NLDC SCADA.

10. DEMAND AND GENERATION PLOTS FOR 12thJUNE (MAXIMUM DEMAND MET)

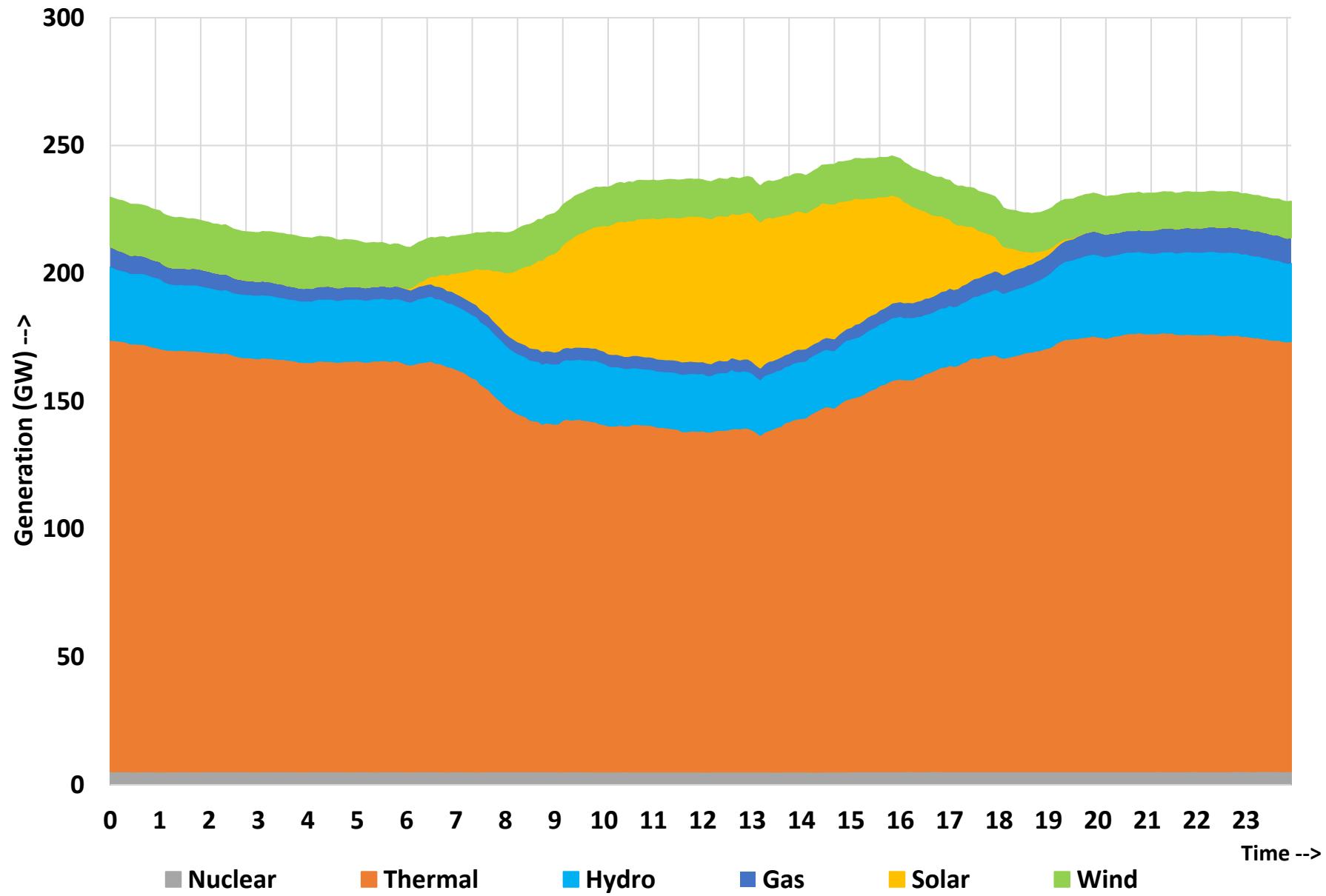


REGIONAL DEMAND MET PLOT FOR 12-JUNE-2025





ALL INDIA FUEL-WISE GENERATION PATTERNS FOR 12-JUNE-2025



12 जून 2025 (आधिकतम माँग) की आल इंडिया माँग आपूर्ति
ALL INDIA DEMAND MET FOR 12 JUNE 2025 (MAXIMUM DEMAND*)

Time (hrs)	All India Demand (MW)		Time (hrs)	All India Demand (MW)
00:05	228929		12:05	233474
00:20	227240		12:20	233541
00:35	226364		12:35	234850
00:50	224763		12:50	234663
01:05	222713		13:05	232671
01:20	221402		13:20	233043
01:35	221055		13:35	232788
01:50	220288		13:50	236123
02:05	218870		14:05	235179
02:20	218203		14:20	238035
02:35	216033		14:35	238936
02:50	215860		14:50	240266
03:05	214963		15:05	240644
03:20	214449		15:20	240827
03:35	213395		15:35	241893
03:50	212935		15:50	242367
04:05	212320		16:05	240124
04:20	212768		16:20	238076
04:35	211737		16:35	236906
04:50	211722		16:50	236312
05:05	210191		17:05	234171
05:20	210751		17:20	232623
05:35	209947		17:35	230527
05:50	210185		17:50	228999
06:05	208571		18:05	224827
06:20	211001		18:20	223699
06:35	211868		18:35	222993
06:50	211936		18:50	223147
07:05	212913		19:05	225372
07:20	213240		19:20	228330
07:35	213611		19:35	229270
07:50	213556		19:50	230292
08:05	213581		20:05	230012
08:20	215615		20:20	230078
08:35	217223		20:35	230682
08:50	219109		20:50	231216
09:05	221101		21:05	230924
09:20	225151		21:20	231091
09:35	227556		21:35	230717
09:50	229810		21:50	231575
10:05	230681		22:05	231451
10:20	232492		22:20	231863
10:35	232852		22:35	231347
10:50	233289		22:50	231251
11:05	233486		23:05	230283
11:20	234226		23:20	229364
11:35	233337		23:35	228654
11:50	233987		23:50	227428

Maximum Demand of 242493 MW met@ 15:49 hrs (from 1 min. interval SCADA DATA)

* 15 minute interval SCADA DATA of instantaneous demand

11. ACTUAL POWER SUPPLY POSITION - JUNE 2025

REGION	STATE	Energy Requirement & Met (MU/Day)			Energy Requirement & Met (MU)				Peak Demand/Peak Met in MW			
		Requirement	Energy met	Surplus(+)/Deficit(-)	Requirement	Energy met	Surplus(+)/Deficit(-)	% Shortage	Requirement	Peak Demand Met	Surplus(+)/Deficit(-)	% Shortage
NR	Chandigarh	7	7	0.0	214	214	0	0.0	460	460	0	0.0
	Delhi	141	141	0.0	4226	4226	0	0.0	8442	8442	0	0.0
	Haryana	246	245	-1.1	7371	7339	-33	-0.4	13600	13600	0	0.0
	Himachal Pradesh	38	38	0.0	1148	1148	0	0.0	1943	1943	0	0.0
	J&K(UT) and Ladakh(UT)	56	56	-0.1	1672	1668	-4	-0.2	2906	2906	0	0.0
	Punjab	307	307	0.0	9218	9218	0	0.0	16754	16754	0	0.0
	Rajasthan	316	316	0.0	9491	9491	0	0.0	18509	18509	0	0.0
	Uttar Pradesh	564	564	-0.1	16933	16930	-3	0.0	31486	31486	0	0.0
	Uttarakhand	53	53	0.0	1589	1588	0	0.0	2910	2910	0	0.0
	Railway_NR ISTS	4	4	0.0	128	128	0	0.0	241	241	0	0.0
WR	NFL	0	0	0.0	2	2	0	0.0	5	5	0	0.0
	TOTAL	1733	1732	-1.3	51992	51952	-40	-0.1	91335	90772	-563	-0.6
	Gujarat	446	446	0.0	13382	13382	0	0.0	26457	26457	0	0.0
	Madhya Pradesh	245	245	0.0	7361	7361	0	0.0	12733	12733	0	0.0
	Chhattisgarh	117	117	-0.1	3499	3496	-2	-0.1	5604	5600	-4	-0.1
	Maharashtra	540	540	0.0	16213	16213	0	0.0	25604	25604	0	0.0
	Goa	15	15	0.0	444	444	0	0.0	755	755	0	0.0
	DNHDDPCL	31	31	0.0	932	932	0	0.0	1406	1406	0	0.0
	AMNSIL	19	19	0.0	577	577	0	0.0	938	938	0	0.0
	BALCO	13	13	0.0	379	379	0	0.0	544	544	0	0.0
SR	RIL JAMNAGAR*	5	5	0.0	139	139	0	0.0	251	251	0	0.0
	TOTAL	1431	1431	-0.1	42925	42922	-2	0.0	71603	71578	-25	0.0
	Andhra Pradesh	222	222	0.0	6667	6667	0	0.0	12251	12251	0	0.0
	Telangana	213	213	0.0	6398	6398	0	0.0	11808	11808	0	0.0
	Karnataka	230	230	0.0	6910	6910	0	0.0	13917	13917	0	0.0
	Kerala	81	81	-0.1	2425	2422	-2	-0.1	4489	4489	0	0.0
	Tamil Nadu	384	384	0.0	11514	11514	0	0.0	19976	19976	0	0.0
ER	Puducherry	11	11	0.0	320	320	0	0.0	527	527	0	0.0
	TOTAL	1141	1141	-0.1	34233	34230	-2	0.0	58079	58079	0	0.0
	Bihar	155	155	-0.1	4659	4657	-3	-0.1	8491	8428	-63	-0.7
	Jharkhand	44	44	-0.1	1326	1324	-2	-0.2	2406	2406	0	0.0
	DVC	69	69	0.0	2081	2080	-1	0.0	3377	3377	0	0.0
	Odisha	131	131	0.0	3942	3942	0	0.0	7055	7055	0	0.0
	West Bengal	234	234	0.0	7015	7015	0	0.0	13108	13108	0	0.0
NER	Sikkim	1	1	0.0	41	41	0	0.0	105	105	0	0.0
	Railways_ER ISTS	0	0	0.0	5	5	0	0.0	41	41	0	0.0
	TOTAL	636	636	-0.2	19071	19065	-6	0.0	33120	33020	-100	-0.3
	Arunachal Pradesh	3	3	0.0	99	99	0	0.0	203	203	0	0.0
	Assam	45	45	0.0	1358	1358	0	0.0	2717	2717	0	0.0
	Manipur	3	3	0.0	88	88	0	-0.2	242	242	0	0.0
	Meghalaya	5	5	0.0	162	162	0	0.0	330	330	0	0.0
ALL INDIA	Mizoram	2	2	0.0	57	57	0	0.0	128	128	0	0.0
	Nagaland	3	3	0.0	86	86	0	0.0	203	191	-12	-5.9
	Tripura	6	6	0.0	177	177	0	0.0	366	366	0	0.0
	TOTAL	68	68	0.0	2028	2028	0	0.0	3947	3947	0	0.0
	ALL INDIA	5008	5007	-1.7	150249	150198	-51	0.0				

* RIL Jamnagar has been added as new entity wef 01.12.2024

NOTE: BASED ON THE DATA FURNISHED BY ENTITIES ON DAILY BASIS

12. ENERGY COMPARISON OF JUN 2025 vs JUN 2024

REGION	STATE	Energy Requirement (MU)					Energy Met (MU)				
		Jun-24	Jun-25	Difference	% Change	Average MU/day for Jun-25	Jun-24	Jun-25	Difference	% Change	Average MU/day for Jun-25
NR	Chandigarh	237	214	-24	-10	7	237	214	-24	-10	7
	Delhi	4554	4226	-328	-7	141	4554	4226	-328	-7	141
	Haryana	7800	7371	-429	-5	246	7789	7339	-450	-6	245
	Himachal Pradesh	1149	1148	-1	0	38	1149	1148	-1	0	38
	J&K(UT) and Ladakh(UT)	1648	1672	24	1	56	1638	1668	29	2	56
	Punjab	8796	9218	422	5	307	8796	9218	422	5	307
	Rajasthan	10469	9491	-978	-9	316	10345	9491	-854	-8	316
	Uttar Pradesh	18103	16933	-1170	-6	564	18057	16930	-1128	-6	564
	Uttarakhand	1615	1589	-27	-2	53	1614	1588	-26	-2	53
	Railway_NR ISTS/NFL	130	131	1	1	4	130	131	1	1	4
WR	TOTAL	54501	51992	-2509	-5	1733	54311	51952	-2359	-4	1732
	Gujarat	14324	13382	-942	-7	446	14324	13382	-942	-7	446
	Madhya Pradesh	7916	7361	-556	-7	245	7916	7361	-556	-7	245
	Chhattisgarh	3470	3499	29	1	117	3469	3496	27	1	117
	Maharashtra	16628	16213	-416	-2	540	16626	16213	-413	-2	540
	Goa	434	444	11	2	15	428	444	17	4	15
	DNHDDPDCL	907	932	25	3	31	907	932	25	3	31
	AMNSIL	508	577	70	14	19	508	577	70	14	19
	BALCO	375	379	4	1	13	375	379	4	1	13
	RIL JAMNAGAR*	-	139	-	-	-	-	139	-	-	-
SR	TOTAL	44562	42925	-1637	-4	1431	44553	42922	-1630	-4	1431
	Andhra Pradesh	6349	6667	318	5	222	6349	6667	318	5	222
	Telangana	6085	6398	312	5	213	6085	6398	312	5	213
	Karnataka	6394	6910	515	8	230	6394	6910	515	8	230
	Kerala	2435	2425	-11	0	81	2435	2422	-13	-1	81
	Tamil Nadu	10784	11514	730	7	384	10784	11514	730	7	384
	Puducherry	310	320	9	3	11	310	320	9	3	11
ER	TOTAL	32359	34233	1874	6	1141	32359	34230	1871	6	1141
	Bihar	4568	4659	91	2	155	4542	4657	115	3	155
	Jharkhand	1433	1326	-107	-7	44	1419	1324	-96	-7	44
	DVC	2279	2081	-198	-9	69	2279	2080	-199	-9	69
	Odisha	3938	3942	4	0	131	3938	3942	4	0	131
	West Bengal	7125	7015	-110	-2	234	7125	7015	-110	-2	234
	Sikkim	41	41	0	0	1	41	41	0	0	1
	Railways_ER ISTS	5	5	1	11	0	5	5	1	11	0
NER	TOTAL	19390	19071	-319	-2	636	19350	19065	-284	-1	636
	Arunachal Pradesh	84	99	15	18	3	84	99	15	18	3
	Assam	1192	1358	166	14	45	1192	1358	166	14	45
	Manipur	94	88	-5	-6	3	94	88	-6	-6	3
	Meghalaya	165	162	-3	-2	5	165	162	-3	-2	5
	Mizoram	53	57	5	9	2	53	57	5	9	2
	Nagaland	86	86	0	-1	3	86	86	0	-1	3
	Tripura	163	177	14	9	6	163	177	14	9	6
	TOTAL	1837	2028	191	10	68	1837	2028	191	10	68
ALL INDIA		152648	150249	-2400	-2	5008	152409	150198	-2211	-1	5007

* RIL Jamnagar has been added as new entity wef 01.12.2024

13. DEMAND COMPARISON OF JUN 2025 vs JUN 2024

REGION	STATE	Peak Requirement (MW)				Peak Met (MW)			
		Jun-24	Jun-25	Difference	% Change	Jun-24	Jun-25	Difference	% Change
NR	Chandigarh	449	460	11	2.4	449	460	11	2.4
	Delhi	8656	8442	-214	-2.5	8656	8442	-214	-2.5
	Haryana	14469	13600	-869	-6.0	14469	13600	-869	-6.0
	Himachal Pradesh	1919	1943	24	1.3	1919	1943	24	1.3
	J&K(UT) and Ladakh(UT)	2902	2906	4	0.1	2902	2906	4	0.1
	Punjab	16089	16754	665	4.1	16089	16754	665	4.1
	Rajasthan	17774	18509	735	4.1	17774	18509	735	4.1
	Uttar Pradesh	30618	31486	868	2.8	30618	31486	868	2.8
	Uttarakhand	2863	2910	47	1.6	2863	2910	47	1.6
	Railway_NR ISTS/NFL	244	246	2	0.7	244	246	2	0.7
WR	Gujarat	25588	26457	869	3	25588	26457	869	3.4
	Madhya Pradesh	13953	12733	-1220	-9	13953	12733	-1220	-8.7
	Chhattisgarh	5438	5604	166	3	5438	5600	162	3.0
	Maharashtra	28310	25604	-2706	-10	28310	25604	-2706	-9.6
	Goa	799	755	-43	-5	799	755	-43	-5.4
	DNHDDPDCL	1353	1406	53	3.9	1353	1406	53	3.9
	AMNSIL	850	938	87	10.3	850	938	87	10.3
	BALCO	526	544	18	3.5	526	544	18	3.5
	RIL JAMNAGAR*	-	251	-	-	-	251	-	-
SR	Andhra Pradesh	12578	12251	-327	-2.6	12578	12251	-327	-2.6
	Telangana	11264	11808	544	4.8	11244	11808	564	5.0
	Karnataka	14335	13917	-419	-2.9	14335	13917	-419	-2.9
	Kerala	4404	4489	86	1.9	4400	4489	90	2.0
	Tamil Nadu	18771	19976	1205	6.4	18771	19976	1205	6.4
	Puducherry	517	527	10	1.9	517	527	10	1.9
ER	Bihar	7588	8491	903	11.9	7588	8428	840	11.1
	Jharkhand	2330	2406	76	3.3	2330	2406	76	3.3
	DVC	3673	3377	-296	-8.1	3673	3377	-296	-8.1
	Odisha	7046	7055	9	0.1	7046	7055	9	0.1
	West Bengal	12412	13108	696	5.6	12412	13108	696	5.6
	Sikkim	99	105	6	6.1	99	105	6	6.1
	Railways_ER ISTS	25	41	16	64.0	25	41	16	64.0
NER	Arunachal Pradesh	170	203	33	19.4	170	203	33	19.4
	Assam	2386	2717	331	13.9	2386	2717	331	13.9
	Manipur	225	242	17	7.6	225	242	17	7.6
	Meghalaya	330	330	0	0.0	330	330	0	0.0
	Mizoram	126	128	2	1.6	126	128	2	1.6
	Nagaland	184	203	19	10.3	184	191	7	3.8
	Tripura	353	366	13	3.7	353	366	13	3.7

* RIL Jamnagar has been added as new entity wef 01.12.2024

14. SCHEDULE AND DRAWAL OF CONSTITUENTS - JUN 2025

REGION	STATE	SCHEDULE (MU)	ACTUAL DRAWAL (MU)	Over drawal(+)/Under Drawal(-) (MU)	% OD/UD	SCHEDULE (MU/DAY)	ACTUAL DRAWAL (MU/DAY)	Over drawal(+)/Under Drawal(-) (MU/DAY)
NR	Chandigarh	213.56	210.64	-2.92	-1.37	7.12	7.02	-0.10
	Delhi	3817.55	3788.82	-28.73	-0.75	127.25	126.29	-0.96
	Haryana	5671.92	5640.83	-31.09	-0.55	189.06	188.03	-1.04
	Himachal Pradesh	125.73	117.51	-8.22	-6.54	4.19	3.92	-0.27
	J&K(UT) and Ladakh(UT)	977.93	923.68	-54.25	-5.55	32.60	30.79	-1.81
	Punjab	5571.20	5388.75	-182.45	-3.27	185.71	179.62	-6.08
	Rajasthan	3810.41	3643.18	-167.23	-4.39	127.01	121.44	-5.57
	Uttar Pradesh	7725.74	7706.06	-19.68	-0.25	257.52	256.87	-0.66
	Uttarakhand	878.50	901.76	23.26	2.65	29.28	30.06	0.78
	Railways_NR ISTS	117.29	128.20	10.91	9.30	3.91	4.27	0.36
	NFL	2.64	2.49	-0.15	-5.59	0.09	0.08	0.00
	Total	28912.48	28451.92	-460.56	-1.59	963.75	948.40	-15.35
WR	Gujarat	5371.01	5279.29	-91.72	-1.71	179.03	175.98	-3.06
	Madhya Pradesh	4027.69	3977.37	-50.32	-1.25	134.26	132.58	-1.68
	Chhattisgarh	1822.97	1803.85	-19.12	-1.05	60.77	60.13	-0.64
	Maharashtra	5036.37	4950.46	-85.91	-1.71	167.88	165.02	-2.86
	Goa	380.70	433.18	52.48	13.79	12.69	14.44	1.75
	DNHDDPDCL	935.91	931.66	-4.25	-0.45	31.20	31.06	-0.14
	AMNSIL	270.80	277.94	7.14	2.64	9.03	9.26	0.24
	BALCO	380.50	378.57	-1.93	-0.51	12.68	12.62	-0.06
	RIL JAMNAGAR*	140.01	139.08	-0.93	-0.66	4.67	4.64	-0.03
	Total	18365.96	18171.40	-194.56	-1.06	612.20	605.71	-6.49
SR	Andhra Pradesh	1366.57	1350.89	-15.68	-1.15	45.55	45.03	-0.52
	Telangana	3208.22	3227.57	19.35	0.60	106.94	107.59	0.64
	Karnataka	1994.50	1978.16	-16.34	-0.82	66.48	65.94	-0.54
	Kerala	1139.75	1108.60	-31.15	-2.73	37.99	36.95	-1.04
	Tamil Nadu	4561.15	4512.07	-49.08	-1.08	152.04	150.40	-1.64
	Puducherry	306.77	302.89	-3.88	-1.26	10.23	10.10	-0.13
	Goa (SR)	59.22	58.23	-0.99	-1.67	1.97	1.94	-0.03
	Total	12636.18	12538.41	-97.77	-0.77	421.21	417.95	-3.26
ER	Bihar	4394.82	4354.32	-40.51	-0.92	146.49	145.14	-1.35
	Jharkhand	1079.01	1072.14	-6.87	-0.64	35.97	35.74	-0.23
	DVC	-1033.71	-1034.68	-0.97	0.09	-34.46	-34.49	-0.03
	Odisha	1775.02	1771.93	-3.08	-0.17	59.17	59.06	-0.10
	West Bengal	3054.06	2987.75	-66.32	-2.17	101.80	99.59	-2.21
	Sikkim	40.53	41.32	0.79	1.96	1.35	1.38	0.03
	Railways_ER ISTS	5.61	5.49	-0.12	-2.10	0.19	0.18	0.00
	Total	9315.33	9198.26	-117.08	-1.26	310.51	306.61	-3.90
NER	Arunachal Pradesh	95.22	90.62	-4.60	-4.83	3.17	3.02	-0.15
	Assam	1144.87	1151.94	7.07	0.62	38.16	38.40	0.24
	Manipur	94.35	88.27	-6.08	-6.44	3.15	2.94	-0.20
	Meghalaya	1.79	-2.19	-3.98	-222.35	0.06	-0.07	-0.13
	Mizoram	30.57	24.15	-6.42	-21.00	1.02	0.81	-0.21
	Nagaland	88.80	80.39	-8.41	-9.47	2.96	2.68	-0.28
	Tripura	152.78	157.90	5.12	3.35	5.09	5.26	0.17
	Total	1608.38	1591.08	-17.30	-1.08	53.61	53.04	-0.58
	All India Total	70838.33	69951.06	-887.27	-1.25	2361.28	2331.70	-29.58

* RIL Jamnagar has been added as new entity wef 01.12.2024

15. INTER REGIONAL EXCHANGES 2025-26

(All figures in MU)

	Apr'25	May'25	June'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	5660.93
WR - NR HVDC VindhyaChal	16.65	119.23	79.22	215.10
WR - NR HVDC Mundra - M'garh	896.71	1001.79	1174.93	3073.43
WR - NR 765 kV Gwalior - Agra 2xS/C	375.96	961.14	1365.69	2702.79
WR - NR 765 kV Gwalior-Phagi 2xS/C	119.97	290.73	572.46	983.16
WR - NR 765 kV Jabalpur- Orai D/C	317.58	813.58	1229.16	2360.32
WR - NR 765 kV Satna- Orai	506.38	537.61	607.95	1651.94
WR - NR 765 kV Gwalior-Orai	0.00	0.00	0.00	0.00
WR - NR 765 kV Banaskata - Chittorgarh D/C	17.73	226.09	478.26	722.08
WR - NR 765 kV VindhyaChal - Varanasi	1245.55	1708.13	1914.58	4868.26
WR - NR 765 kV Neemach - Chittorgarh D/C	0.00	36.24	165.77	202.01
WR - NR 400 kV Zerda- Kankroli	0.50	20.28	53.83	74.61
WR - NR 400 kV Zerda- Bhinmal	0.00	70.94	17.08	88.02
WR - NR 400 kV Shujalpur - RAPP C D/C	0.00	32.33	133.09	165.42
WR - NR 400 KV VindhyaChal - Rihand D/C	0.00	0.00	0.00	0.00
WR - NR 220 kV Bhanpura - Ranpur	62.23	62.87	60.21	185.31
WR - NR 220 kV Bhanpura - Modak	70.83	86.49	84.28	241.60
WR - NR 220 kV Malanpur / Mehgaon - Auraiya	0.00	1.18	4.39	5.57
Total WR - NR	5012.96	7992.03	10195.56	23200.55

	Apr'25	May'25	June'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
NR - WR HVDC VindhyaChal	43.26	29.26	39.61	112.13
NR - WR HVDC M'garh - Mundra	0.00	0.00	0.00	0.00
NR - WR 765 kV Agra - Gwalior 2xS/C	6.16	0.00	0.00	6.16
NR - WR 765 kV Phagi - Gwalior 2xS/C	11.05	2.35	1.79	15.19
NR - WR 765 kV Orai - Jabalpur D/C	8.98	0.00	0.00	8.98
NR - WR 765 kV Orai - Satna	0.00	0.00	0.00	0.00
NR - WR 765 kV Orai - Gwalior	345.16	292.43	286.32	923.91
NR - WR 765 kV Chittorgarh - Banaskata D/C	330.62	27.29	9.25	367.16
NR - WR 765 kV Varanasi - VindhyaChal	0.00	0.00	0.00	0.00
NR - WR 765 kV Chittorgarh - Neemach D/C	192.85	53.22	5.93	252.00
NR - WR 400 kV Kankroli - Zerda	180.27	34.58	15.88	230.73
NR - WR 400 kV Bhinmal - Zerda	0.00	1.60	16.53	18.13
NR - WR 400 kV RAPP C - Shujalpur D/C	179.68	68.92	11.81	260.41
NR - WR 400 KV Rihand - VindhyaChal D/C	627.94	529.60	0.00	1157.54
NR - WR 220 kV Ranpur - Bhanpura	0.00	0.00	0.00	0.00
NR - WR 220 kV Modak - Bhanpura	0.00	0.00	0.00	0.00
NR - WR 220 kV Auraiya - Malanpur/Mehgaon	66.11	28.64	11.28	106.03
Total NR - WR	1992.08	1067.89	398.40	3458.37

	Apr'25	May'25	June'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	207.89
ER - NR 765 kV Sasaram - Fatehpur	77.99	33.39	58.92	170.30
ER - NR 765 kV Gaya - Varanasi 2*S/C	65.04	56.80	78.50	200.34
ER - NR 765 kV Gaya - Balia	186.58	263.25	335.15	784.98
ER - NR 400 kV Patna - Balia D/C	193.76	203.41	224.63	621.80
ER - NR 400 kV Muzaffarpur - Gorakhpur D/C	11.63	113.13	212.77	337.53
ER - NR 400 kV Biharshariff - Balia D/C	0.00	12.52	32.71	45.23
ER - NR 400 kV Motihari - Gorakhpur D/C	62.83	123.33	143.14	329.30
ER - NR 400 kV Biharshariff - Varanasi D/C	0.00	0.00	0.00	0.00
ER - NR 400 kV Sasaram - Varanasi	60.82	64.18	68.81	193.81
ER - NR 400 kV Sasaram - Allahabad	10.62	8.32	10.59	29.53
ER - NR 400 kV Naubatpur - Balia D/C	45.33	47.32	50.15	142.80
ER - NR 400 kV Biharshariff - Sahupuri D/C	25.32	33.43	58.54	117.29
ER - NR 220 kV Sahupuri - Karamnasa	5.66	46.35	66.77	118.78
ER - NR 132 kV Sahupuri - Karamnasa	0.96	0.48	0.96	2.40
ER - NR 132 kV Nagar Untari - Rihand	0.05	0.00	0.12	0.17
ER - NR 132 kV Garhwa - Rihand	0.00	0.00	0.00	0.00
Total ER-NR	747.02	1005.91	1549.22	3302.15
Import of NR from NER (NER-NR)				
NER - NR HVDC Biswanath Chariali - Agra	0.00	22.96	306.84	329.80
Total NER - NR	0.00	22.96	306.84	329.80

	Apr'25	May'25	June'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
NR - ER 765 kV Fatehpur - Sasaram	6.26	34.48	24.77	65.51
NR - ER 765 kV Varanasi - Gaya 2*S/C	56.47	106.17	77.38	240.02
NR - ER 765 kV Balia - Gaya	0.00	0.00	0.00	0.00
NR - ER 400 kV Balia - Patna D/C	1.06	0.00	0.89	1.95
NR - ER 400 kV Gorakhpur - Muzaffarpur D/C	99.75	29.83	3.10	132.68
NR - ER 400 kV Balia - Biharshariff D/C	162.65	104.51	75.25	342.41
NR - ER 400 kV Gorakhpur - Motihari D/C	4.85	0.05	1.51	6.41
NR - ER 400 kV Varanasi - Biharshariff D/C	0.00	0.00	0.00	0.00
NR - ER 400 kV Varanasi - Sasaram	0.00	0.00	0.00	0.00
NR - ER 400 kV Allahabad - Sasaram	2.99	6.52	11.90	21.41
NR - ER 400 kV Balia - Naubatpur D/C	1.90	4.36	6.54	12.80
NR - ER 400 kV Sahupuri - Biharshariff D/C	25.78	30.77	8.13	64.68
NR - ER 220 kV Karamnasa - Sahupuri	7.75	1.36	0.00	9.11
NR - ER 132 kV Karamnasa - Sahupuri	0.20	0.39	0.00	0.59
NR - ER 132 kV Rihand - Nagar Untari	0.98	0.10	0.46	1.54
NR - ER 132 kV Rihand - Garhwa	14.20	15.51	17.81	47.52
Total NR - ER	384.84	334.05	227.74	946.63
Export of NR to NER (NER-NR)				
NR - NER HVDC Agra - Biswanath Chariali	587.35	339.01	0.00	926.36
Total NR - NER	587.35	339.01	0.00	926.36

	Apr'25	May'25	June'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	2329.24
WR - ER 765 kV Dharamjaygarh - Jharsuguda Q/C	302.38	152.33	213.61	668.32
WR - ER 765 kV Durg - Jharsuguda D/C	0.00	8.48	22.27	30.75
WR - ER 400 kV Sipat - Ranchi D/C	44.41	165.08	241.40	450.88
WR - ER 400 kV Raigarh - Jharsuguda- 2xD/C	0.04	36.04	100.65	136.72
WR - ER 400 kV Jeypore - Jagdalpur D/C			28.61	28.61
WR - ER 220 kV Korba - Budhipadar D/C	12.35	33.58	45.82	91.76
WR - ER 220 kV Raigarh - Budhipadar	0.10	11.59	9.61	21.31
Total WR - ER	720.61	1254.44	1782.54	3757.59
Import of WR from ER (ER - WR)				
ER - WR 765 kV Dharamjaygarh - Ranchi 2xS/C	79.61	7.39	0.39	87.38
ER - WR 765 kV Dharamjaygarh - Jharsuguda D/C	160.09	253.52	323.63	737.24
ER - WR 765 kV Durg - Jharsuguda D/C	503.09	232.42	113.50	849.01
ER - WR 400 kV Sipat - Ranchi D/C	55.76	5.53	1.02	62.32
ER - WR 400 kV Raigarh - Jharsuguda- 2xD/C	325.72	102.70	16.71	445.13
ER - WR 400 kV Jeypore - Jagdalpur D/C			53.82	53.82
ER - WR 220 kV Korba - Budhipadar D/C	25.22	2.91	1.56	29.69
ER - WR 220 kV Raigarh - Budhipadar	50.11	13.49	7.03	70.62
Total ER - WR	1199.60	617.96	517.65	2335.21
Export of ER to NER (ER - NER)				
ER - NER 400 kV Binaguri - Bongaigaon D/C	23.81	14.14	102.25	140.19
ER - NER 400 kV Alipurduar - Bongaigaon D/C	28.02	45.27	273.90	347.19
ER - NER 220 kV Birpara - Salakati D/C	3.15	4.51	41.91	49.58
Total ER - NER	54.98	63.92	418.06	536.96

	Apr'25	May'25	June'25	Fin. Year 2025-26
Name of Line				
Import of ER from NER (NER - ER)				
NER - ER 400 kV Binaguri - Bongaigaon D/C	86.91	101.88	20.90	209.69
NER - ER 400 kV Alipurduar - Bongaigaon 2xD/C	133.68	82.82	6.53	223.03
NER - ER 220 kV Birpara - Salakati D/C	30.05	24.26	2.60	56.91
Total NER - ER	250.64	208.96	30.02	489.63
Export of ER to SR (ER - SR)				
ER - SR HVDC Gazuwaka	64.45	47.26	1.00	112.72
ER - SR HVDC Talchar -Kolar	1338.63	1181.86	1012.66	3533.15
ER - SR 765 kV Angul- Srikakulam D/C	1591.65	1274.48	977.07	3843.21
Total ER - SR	2994.74	2503.60	1990.73	7489.07
Import of ER from SR (SR - ER)				
SR - ER HVDC Gazuwaka	44.04	138.20	218.83	401.07
SR - ER HVDC Talchar - Kolar	0.00	0.00	0.00	0.00
SR - ER 765 kV Angul- Srikakulam D/C	0.00	0.00	1.05	1.05
Total SR - ER	44.04	138.20	219.88	402.12
Export of WR to SR (WR-SR)				
WR - SR HVDC Bhadrawati	644.61	220.50	0.00	865.11
WR - SR 765 kV Sholapur - Raichur 2xS/C	206.88	115.39	44.74	367.01
WR - SR 765 kV Wardha - Nizamabad D/C	983.94	603.84	465.00	2052.77
WR - SR 400KV Kolhapur-Kudgi D/C	0.02	0.00	0.00	0.02
WR - SR HVDC Raigarh-Pugalur	2564.04	1621.30	873.08	5058.42
WR - SR 220kV Xeldem - Ambewadi S/C	71.04	74.18	57.52	202.74
WR - SR 220kV Ponda - Ambewadi S/C	0.79	0.09	0.08	0.97
WR - SR 765 kV Warora - Warangal D/C	1140.34	750.16	469.61	2360.11
Total WR - SR	5611.68	3385.46	1910.04	10907.17

	Apr'25	May'25	June'25	Fin. Year 2025-26
Name of Line				
Import of WR from SR (SR - WR)				
SR - WR HVDC Bhadrawati	0.00	206.01	506.97	712.98
SR - WR 765 kV Raichur - Sholapur 2xS/C	134.40	376.02	834.64	1345.06
SR - WR 765 kV Wardha - Nizamabad D/C	0.24	25.72	110.14	136.09
SR - WR 400KV Kolhapur-Kudgi D/C	657.02	869.48	956.40	2482.90
SR - WR HVDC Pugalur-Raigarh	0.00	0.00	11.69	11.69
SR - WR 220kV Xeldem - Ambewadi S/C	0.00	0.00	0.00	0.00
SR - WR 220kV Ponda - Ambewadi S/C	0.01	0.01	0.01	0.03
SR - WR 765 kV Warangal - Warora D/C	0.02	17.52	122.79	140.33
Total SR - WR	791.68	1494.76	2542.64	4829.08
TOTAL ALL INDIA	20392	20429	22089	62911

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

Date	15.1 Import-Export of NR with WR during June 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 Banaskata - Chittorgarh D/C	WR - NR 765 KV VindhyaChal - Varanasi	WR - NR 400 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 / Mehaona - Auraiya	Total WR - NR
1-Jun-25	56.50	0.00	24.59	40.60	11.65	36.62	17.30	0.00	27.35	62.10	5.62	2.40	4.77	3.49		2.14	3.01	0.00	298.14
2-Jun-25	86.00	0.00	36.29	33.56	7.41	30.09	17.30	0.00	15.16	53.13	1.49	0.00	3.26	0.00		2.03	3.02	0.00	288.74
3-Jun-25	102.50	0.00	36.29	24.85	0.00	20.20	14.31	0.00	7.45	55.98	0.00	0.00	1.90	0.00		1.91	2.20	0.00	267.59
4-Jun-25	81.50	0.00	33.56	23.24	2.60	22.26	15.18	0.00	1.06	53.20	0.00	0.00	1.30	0.00	0.00	1.76	2.59	0.00	238.25
5-Jun-25	77.44	0.00	29.05	27.35	8.35	23.55	17.18	0.00	0.50	52.26	0.00	0.00	0.00	0.00		1.81	2.89	0.00	240.38
6-Jun-25	81.49	0.00	35.88	34.89	12.62	30.29	19.00	0.00	9.26	54.69	2.40	0.00	0.00	0.00		2.03	3.08	0.00	285.63
7-Jun-25	91.71	1.33	27.10	41.52	10.90	35.01	19.21	0.00	21.80	68.60	3.54	0.00	2.44	2.25		2.27	3.18	0.00	330.86
8-Jun-25	91.97	4.65	38.08	39.00	9.03	35.97	16.70	0.00	17.37	67.90	3.86	0.00	0.00	2.13		2.25	3.22	0.00	332.13
9-Jun-25	81.46	4.07	55.65	50.25	14.90	38.86	20.92	0.00	18.46	76.80	5.98	1.11	0.00	4.41		2.51	3.18	0.00	378.56
10-Jun-25	98.22	3.01	55.31	50.39	12.32	40.19	20.12	0.00	22.02	75.26	6.04	1.65	0.00	3.99		2.57	3.27	0.00	394.36
11-Jun-25	98.03	1.33	49.29	52.10	16.53	48.01	20.16	0.00	23.24	73.32	7.50	2.36	0.00	5.35	0.00	2.64	2.63	0.00	402.49
12-Jun-25	104.70	6.03	45.47	54.64	18.15	46.70	21.53	0.00	29.49	76.58	7.32	5.85		5.85		2.52	3.33	0.00	428.16
13-Jun-25	92.00	9.92	50.94	56.90	21.86	46.77	21.38	0.00	22.86	79.25	6.54	3.20	2.22	6.33		2.48	3.10	0.00	425.75
14-Jun-25	98.50	10.36	54.19	63.20	34.95	59.76	25.05	0.00	17.68	81.29	12.85	5.30		10.89		2.43	3.06	0.00	479.51
15-Jun-25	79.20	12.01	49.88	58.92	36.03	55.15	24.40	0.00	6.45	76.06	12.41	2.28		9.85		2.09	2.80	0.75	428.28
16-Jun-25	79.47	11.92	53.90	54.38	30.47	52.16	23.33	0.00	8.50	72.01	9.31	1.85		7.15		1.65	2.98	0.33	409.41
17-Jun-25	47.54	6.02	40.56	45.42	22.84	41.60	20.24	0.00	6.28	61.09	5.84	0.00		3.98		2.10	3.14	0.00	306.65
18-Jun-25	28.50	5.51	36.31	43.52	17.33	37.74	18.99	0.00	28.50	57.72	2.05	4.37		2.64		1.85	2.88	0.06	287.97
19-Jun-25	39.65	1.21	36.31	49.20	20.62	43.45	20.13	0.00	34.71	61.99	4.82	5.88		5.02	0.00	1.81	2.63	0.00	327.43
20-Jun-25	55.00	1.22	35.31	47.00	22.00	39.65	21.37	0.00	26.99	47.69	5.99	1.50	1.19	4.98	0.00	1.83	2.49	0.58	314.79
21-Jun-25	67.10	0.63	34.36	52.87	24.37	45.36	22.24	0.00	21.80	59.01	5.91	2.05		6.15		1.50	2.46	0.50	346.31
22-Jun-25	66.11	0.00	36.30	50.10	22.40	41.15	22.73	0.00	12.51	63.09	6.12	0.65		5.66		1.62	2.95	0.55	331.94
23-Jun-25	67.98	0.00	33.25	50.25	29.70	47.52	22.91	0.00	13.98	61.25	5.86	0.90	0.00	7.01		1.75	2.39	0.50	345.25
24-Jun-25	72.66	0.00	36.32	48.93	25.00	39.49	22.74	0.00	20.03	65.51	5.71	2.69		5.81		1.74	2.35	0.44	349.42
25-Jun-25	95.21	0.00	36.31	39.76	26.82	40.78	20.31	0.00	0.00	51.88	5.93	0.00		4.76		1.84	2.43	0.00	326.03
26-Jun-25	70.73	0.00	36.31	46.37	33.13	48.85	22.42	0.00	0.00	58.80	8.16	0.00		6.96		1.99	2.60	0.00	336.32
27-Jun-25	59.99	0.00	36.82	53.76	30.02	55.43	22.99	0.00	4.73	63.45	9.40	0.00		6.98		1.86	2.47	0.00	347.90
28-Jun-25	61.86	0.00	34.69	51.25	24.87	51.69	21.60	0.00	17.60	64.64	8.13	3.00		6.75		1.75	2.55	0.68	351.06
29-Jun-25	63.46	0.00	30.32	43.35	14.69	40.22	19.04	0.00	23.01	60.68	4.64	4.27		3.55		1.72	2.62	0.00	311.57
30-Jun-25	58.18	0.00	36.29	38.12	10.90	34.64	17.17	0.00	19.47	59.35	2.35	2.52		1.15		1.76	2.78	0.00	284.68
Total	2254.66	79.22	1174.93	1365.69	572.46	1229.16	607.95	0.00	478.26	1914.58	165.77	53.83	17.08	133.09	0.00	60.21	84.28	4.39	10195.56

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

Date	15.1 Import-Export of NR with WR during June 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 Bhimtal - 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-Jun-25	0.00	1.23	0.00	0.00	0.00	0.00	0.00	8.78	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.08	10.09	
2-Jun-25	0.00	3.07	0.00	0.00	0.00	0.00	0.00	9.07	0.00	0.00	0.00	0.36	0.00	0.09		0.00	0.00	0.71	13.30
3-Jun-25	0.00	3.81	0.00	0.00	1.79	0.00	0.00	5.54	0.00	0.00	3.15	2.04	0.00	4.82		0.00	0.00	0.83	21.98
4-Jun-25	0.00	1.23	0.00	0.00	0.00	0.00	0.00	6.87	0.00	0.00	2.04	2.50	0.00	4.39	0.00	0.00	0.00	1.14	18.17
5-Jun-25	0.00	1.23	0.00	0.00	0.00	0.00	0.00	8.38	0.00	0.00	0.74	2.22	5.30	2.40		0.00	0.00	1.15	21.42
6-Jun-25	0.00	1.23	0.00	0.00	0.00	0.00	0.00	8.84	0.00	0.00	0.00	0.70	3.50	0.11		0.00	0.00	0.82	15.20
7-Jun-25	0.00	0.66	0.00	0.00	0.00	0.00	0.00	8.46	0.00	0.00	0.00	0.50	0.00	0.00		0.00	0.00	1.02	10.64
8-Jun-25	0.00	0.17	0.00	0.00	0.00	0.00	0.00	8.42	0.00	0.00	0.00	0.72	2.60	0.00		0.00	0.00	0.19	12.10
9-Jun-25	0.00	1.06	0.00	0.00	0.00	0.00	0.00	8.75	0.00	0.00	0.00	0.00	1.93	0.00		0.00	0.00	0.17	11.91
10-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.97	0.00	0.00	0.00	0.00	1.37	0.00		0.00	0.00	0.56	9.90
11-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.90	0.00	0.00	0.00	0.00	1.70	0.00		0.00	0.00	0.85	11.45
12-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.47	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	1.05	10.52
13-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.51	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.46	9.97
14-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.60	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.29	13.89
15-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.17	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	13.17
16-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.13	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	11.13
17-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.24	0.00	0.00	0.00	0.19	0.00	0.00		0.00	0.00	0.15	10.58
18-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.43	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	8.43
19-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.75	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.75	8.50
20-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.84	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	7.84
21-Jun-25	0.00	2.17	0.00	0.00	0.00	0.00	0.00	9.63	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	11.80
22-Jun-25	0.00	1.22	0.00	0.00	0.00	0.00	0.00	7.42	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	8.64
23-Jun-25	0.00	1.24	0.00	0.00	0.00	0.00	0.00	13.09	0.00	0.00	0.00	0.00	0.13	0.00		0.00	0.00	0.00	14.46
24-Jun-25	0.00	1.24	0.00	0.00	0.00	0.00	0.00	7.76	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	9.00
25-Jun-25	0.00	1.83	0.00	0.00	0.00	0.00	0.00	12.00	8.57	0.00	0.00	4.72	0.00	0.00		0.00	0.00	0.72	27.84
26-Jun-25	0.00	3.65	0.00	0.00	0.00	0.00	0.00	13.79	0.68	0.00	0.00	1.79	0.00	0.00		0.00	0.00	0.33	20.24
27-Jun-25	0.00	3.65	0.00	0.00	0.00	0.00	0.00	12.56	0.00	0.00	0.00	0.14	0.00	0.00		0.00	0.00	0.30	16.65
28-Jun-25	0.00	3.63	0.00	0.00	0.00	0.00	0.00	12.36	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	15.99
29-Jun-25	0.00	3.65	0.00	0.00	0.00	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-0.43	12.32
30-Jun-25	0.00	3.64	0.00	0.00	0.00	0.00	0.00	7.49	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.14	11.27
Total	0.00	39.61	0.00	0.00	1.79	0.00	0.00	286.32	9.25	0.00	5.93	15.88	16.53	11.81	0.00	0.00	11.28	398.40	

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

Date	15.2 Import-Export of NR with ER & NER during June 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 Naubatpur - Balia D/C	ER - NR 400 KV Biharshariff - Sahupuri D/C	ER - NR 220 KV Sahupuri - Allahabad	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-Jun-25	0.00	0.00	9.55	7.31	7.52	0.14	4.60		2.28	0.00	1.58	0.37	2.34			0.00	35.69	12.07	12.07	
2-Jun-25	0.00	0.00	9.85	9.92	8.15	0.00	5.92		2.40	0.00	2.51	0.64	2.18			0.00	41.57	11.16	11.16	
3-Jun-25	1.50	0.00	0.00	7.16	6.07	4.04	0.00	4.06		3.24	0.00	0.00	0.00	2.45			0.00	28.52	12.43	12.43
4-Jun-25	7.10	0.00	0.00	7.72	5.50	4.10	0.00	3.91		3.11	0.00	1.00	0.00	2.48	0.00		0.00	34.92	18.32	18.32
5-Jun-25	7.20	0.68	0.00	6.85	6.39	4.52	0.00	3.27		3.09	0.00	1.38	0.83	2.50	0.00		0.00	36.71	11.95	11.95
6-Jun-25	7.35	1.85	0.00	10.14	8.40	5.83	0.00	5.60		2.93	0.00	2.07	1.45	2.45		0.00	0.00	48.07	11.50	11.50
7-Jun-25	7.67	0.00	0.00	10.55	4.66	2.79	0.00	3.50		3.09	0.00	0.69	0.00	1.91			0.00	34.86	12.06	12.06
8-Jun-25	7.30	0.00	0.00	10.00	3.75	0.53	0.00	1.49		3.18	0.00	0.28	0.00	2.01			0.00	28.54	11.56	11.56
9-Jun-25	7.20	0.00	0.00	13.02	5.32	0.50	0.00	2.12		2.95	0.00	1.06	0.00	1.97			0.00	34.14	9.10	9.10
10-Jun-25	7.20	0.00	0.00	10.50	3.37	0.00	0.00	1.06		3.18	0.00	0.00	0.00		0.00		0.00	25.31	9.10	9.10
11-Jun-25	7.20	0.00	0.00	13.01	2.72	0.00	0.00	2.11		3.15	0.00	0.00	0.10	2.71	0.00		0.00	31.00	8.65	8.65
12-Jun-25	7.08	0.00	0.00	12.86	2.20	0.92	0.00	2.39		2.85	0.00	0.00	0.21	2.65			0.00	31.16	9.60	9.60
13-Jun-25	6.52	0.00	0.00	11.77	0.00	0.00	0.00	1.63		3.52	0.00	0.00	0.80	2.54			0.00	26.78	8.00	8.00
14-Jun-25	9.30	0.00	0.00	12.24	0.99	0.50	0.00	0.00		2.85	0.00	0.00	0.00	2.78		0.00	0.00	28.66	11.20	11.20
15-Jun-25	10.26	0.25	0.00	10.65	0.49	2.49	0.00	3.05		2.35	0.00	0.00	0.00	2.54			0.00	32.08	11.42	11.42
16-Jun-25	10.35	0.41	0.66	10.33	0.46	3.17	0.00	1.80		2.54	0.00	0.00	0.40	2.40	0.96		0.00	33.48	13.13	13.13
17-Jun-25	7.10	1.55	2.92	11.25	4.94	7.07	0.00	4.11		1.94	0.24	0.61	0.00	2.35		0.12	0.00	44.20	12.05	12.05
18-Jun-25	7.40	2.56	3.00	10.95	7.09	8.34	0.00	5.20		2.05	0.28	1.48	2.43	2.35			0.00	53.13	12.00	12.00
19-Jun-25	7.19	4.25	6.30	12.76	10.98	14.29	2.64	8.12		1.42	0.85	3.09	4.72	2.43			0.00	79.04	9.78	9.78
20-Jun-25	7.30	5.80	9.12	10.02	13.22	14.38	2.34	8.45		1.47	0.80	3.79	4.60	1.84			0.00	83.13	7.50	7.50
21-Jun-25	7.59	3.96	4.14	11.18	11.64	12.15	1.85	7.00		1.52	0.77	3.27	3.24	2.15		0.00	0.00	70.46	8.61	8.61
22-Jun-25	7.60	3.45	3.10	11.86	9.95	11.83	2.35	6.30		1.41	0.80	2.59	3.20	2.34	0.00		0.00	66.78	8.50	8.50
23-Jun-25	8.01	5.61	7.30	12.95	12.33	12.34	3.25	7.01		1.31	0.98	3.57	4.75	2.15			0.00	81.56	7.98	7.98
24-Jun-25	7.35	3.84	4.11	12.39	11.62	13.98	3.50	7.49		1.47	0.78	3.05	4.16	2.41	0.00		0.00	76.15	8.43	8.43
25-Jun-25	7.35	5.86	9.05	12.51	13.28	14.52	4.57	7.90		1.62	0.73	3.80	5.51	2.34			0.00	89.04	8.46	8.46
26-Jun-25	7.30	6.17	10.51	14.20	13.88	14.60	4.53	8.15		1.69	0.72	4.02	5.76	2.37		0.00	0.00	93.90	8.46	8.46
27-Jun-25	6.99	5.94	9.30	14.34	14.61	13.22	3.75	8.40		1.32	1.16	3.00	5.48	2.37			0.00	89.88	8.29	8.29
28-Jun-25	7.58	4.62	6.10	12.78	14.12	13.26	2.85	8.10		1.40	1.05	2.40	4.74	2.20		0.00	0.00	81.20	8.50	8.50
29-Jun-25	7.62	2.00	2.64	11.71	10.29	10.18	0.94	5.69		1.62	0.88	2.90	3.24	2.03		0.00	0.00	61.74	8.63	8.63
30-Jun-25	7.85	0.12	0.25	10.05	9.13	7.55	0.00	4.71		1.86	0.55	2.01	1.91	1.53			0.00	47.52	8.40	8.40
Total	207.46	58.92	78.50	335.15	224.63	212.77	32.71	143.14	0.00	68.81	10.59	50.15	58.54	66.77	0.96	0.12	0.00	1549.22	306.84	306.84

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

Date	15.2 Import-Export of NR with ER & NER during June 2025																			
	Export of NR to ER (NR- ER)																Export of NR to NER (NR-NER)			
	NR - ER HVDC Agra - Alipurduar	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 Balia - Patna D/C	NR - ER 400 kV Gorakhpur - Muzaffarpur D/C	NR - ER 400 kV Balia - Biharsharif D/C	NR - ER 400 kV Gorakhpur - Motihari D/C	NR - ER 400 kV Varanasi - Biharsharif 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 - Biharsharif 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-Jun-25		1.03	4.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00		0.55	6.45	0.00	0.00	
2-Jun-25		0.10	2.60	0.00	0.00	0.00	0.21	0.00	0.00	0.72	0.00	0.00	0.00		0.75	4.38	0.00	0.00		
3-Jun-25	0.00	2.70	9.53	0.00	0.00	0.00	2.73	0.00	0.00	1.12	1.09	0.70	0.00		0.53	18.40	0.00	0.00		
4-Jun-25	0.00	0.80	6.88	0.00	0.00	0.00	1.12	0.00	0.00	0.95	0.00	0.12	0.00	0.00		0.59	10.46	0.00	0.00	
5-Jun-25	0.00	0.00	4.31	0.00	0.00	0.00	0.65	0.00	0.00	0.85	0.00	0.00	0.00	0.00		-0.59	5.22	0.00	0.00	
6-Jun-25	0.00	0.00	1.50	0.00	0.00	0.00	0.49	0.00	0.00	0.70	0.00	0.00	0.00	0.00		0.00	0.60	3.29	0.00	0.00
7-Jun-25	0.00	2.38	8.48	0.00	0.00	0.00	2.60	0.00	0.00	0.84	0.00	0.80	0.00		0.63	15.73	0.00	0.00		
8-Jun-25	0.00	3.57	9.30	0.00	0.00	0.00	5.30	0.00	0.00	0.91	0.00	1.90	0.00		0.77	21.75	0.00	0.00		
9-Jun-25	0.00	3.10	5.91	0.00	0.00	0.00	6.45	0.00	0.00	0.84	0.00	0.51	0.00		0.77	17.58	0.00	0.00		
10-Jun-25	0.00	4.20	6.91	0.00	0.00	1.19	9.66	0.00	0.00	1.02	0.02	1.42		0.00	0.79	25.21	0.00	0.00		
11-Jun-25	0.00	1.86	3.06	0.00	0.00	1.14	7.38	0.00	0.00	0.91	0.28	0.00	0.00	0.00	0.73	15.36	0.00	0.00		
12-Jun-25	0.00	1.60	4.00	0.00	0.00	0.00	6.47	0.00	0.00	0.65	0.42	0.00	0.00		0.74	13.88	0.00	0.00		
13-Jun-25	0.00	2.64	6.20	0.00	0.89	0.77	7.76	0.00	0.00	1.30	1.40	0.00	0.00		0.79	21.75	0.00	0.00		
14-Jun-25	0.00	0.79	3.09	0.00	0.00	0.00	8.34	1.51	0.00	0.70	1.05	0.66	0.00	0.10	0.77	17.01	0.00	0.00		
15-Jun-25	0.00	0.00	0.85	0.00	0.00	0.00	6.33	0.00	0.00	0.02	1.06	0.10	0.00		0.77	9.13	0.00	0.00		
16-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	5.87	0.00	0.00	0.25	1.22	0.00	0.00	0.00	0.74	8.08	0.00	0.00		
17-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	2.40	0.00	0.00	0.00	0.00	1.92	0.00		0.00	0.57	4.89	0.00	0.00	
18-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00			0.36	0.87	0.00	0.00		
19-Jun-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			0.39	0.39	0.00	0.00		
20-Jun-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			0.39	0.39	0.00	0.00		
21-Jun-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		0.12	0.57	0.69	0.00	0.00		
22-Jun-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		0.70	0.70	0.00	0.00			
23-Jun-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			0.55	0.55	0.00	0.00		
24-Jun-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			0.68	0.68	0.00	0.00		
25-Jun-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			0.63	0.63	0.00	0.00		
26-Jun-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		0.10	0.61	0.71	0.00	0.00		
27-Jun-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			0.67	0.67	0.00	0.00		
28-Jun-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	0.63	0.63	0.00	0.00		
29-Jun-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		0.14	0.59	0.73	0.00	0.00		
30-Jun-25	0.00	0.00	0.01	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00			0.54	1.53	0.00	0.00		
Total	0.00	24.77	77.38	0.00	0.89	3.10	75.25	1.51	0.00	0.00	11.90	6.54	8.13	0.00	0.00	0.46	17.81	227.74	0.00	0.00

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

Date	15.3 Import and Export of ER with WR & NER during June 2025																											
	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 Dharamjaya rh - Jharsuguda Q/C	WR - ER 765 kV Durg - Jharsuguda D/C	WR - ER 400 kV Sipat - Ranchi D/C	WR - ER 400 kV Raigarh - Jharsuguda - 2xD/C	WR - ER 220 kV Korba - Budhipadar D/C	WR - ER 220 kV Raigarh - Jagdalpur D/C	Total WR - ER	ER - WR 765 kV Dharamjaya rh - Ranchi 2xS/C	ER-WR 765 kV Dharamjaya rh - Jharsuguda D/C	ER-WR 765 kV Durg - Jharsuguda 2xD/C	ER - WR 400 kV Raigarh - Jharsuguda - 2xD/C	ER - WR 400 kV Korba - Budhipadar D/C	ER - WR 220 kV Raigarh - Jagdalpur D/C	ER - WR 220 kV Raigarh - Budhipadar	Total ER - WR	ER - NER 400 kV Binaguri - Bongaigaon D/C	ER - NER 400 kV Birpara - Alipurduar - Bongaigaon D/C	ER - NER 220 kV Birpara - Salakati D/C	Total ER - NER	NER - ER 400 kV Birpara - Bongaigaon D/C	NER - ER 220 kV Alipurduar - Bongaigaon 2xD/C	NER - ER 220 kV Birpara - Salakati D/C	Total NER - ER				
1-Jun-25	39.5	14.7	3.3	9.4	8.1	0.0	3.2	1.0	79.11	0.0	2.1	2.2	0.0	0.0	0.0	0.1	4.43	0.14	2.64	0.21	2.98	3.59	0.55	0.35	4.49			
2-Jun-25	33.6	6.7	2.2	7.3	7.9	0.0	3.2	0.7	61.57	0.0	4.1	3.3	0.0	0.0	0.0	0.1	7.47	0.12	1.63	0.16	1.90	3.31	0.74	0.40	4.46			
3-Jun-25	33.7	6.4	1.7	7.0	6.0	0.0	2.7	0.7	58.18	0.0	5.1	3.5	0.0	0.1	0.0	0.0	8.80	0.27	2.56	0.20	3.03	3.40	1.97	0.69	6.07			
4-Jun-25	27.9	7.4	1.0	5.6	3.6	0.0	2.2	0.7	48.39	0.0	4.8	5.5	0.0	0.7	0.0	0.0	11.17	1.15	3.90	0.30	5.35	1.61	0.95	0.33	2.88			
5-Jun-25	25.9	7.6	0.2	4.7	2.3	0.0	1.2	0.5	42.42	0.0	3.1	6.1	0.1	1.0	0.0	0.4	10.89	0.66	2.43	0.19	3.28	1.80	1.46	0.52	3.79			
6-Jun-25	23.8	2.1	0.0	4.6	1.2	0.0	0.5	0.2	32.42	0.0	9.7	7.1	0.2	1.5	0.0	0.6	19.28	1.97	5.09	0.75	7.81	1.27	0.78	0.21	2.27			
7-Jun-25	38.0	2.0	0.6	9.1	4.9	0.9	2.0	0.5	58.02	0.0	8.3	3.7	0.0	0.1	0.0	0.1	12.26	3.50	7.46	1.03	11.99	0.03	0.00	0.00	0.03			
8-Jun-25	43.0	3.0	1.1	9.9	4.8	4.1	2.0	0.4	68.34	0.0	10.4	3.3	0.0	0.2	0.0	0.0	14.15	4.68	8.62	1.36	14.66	0.00	0.00	0.00	0.00			
9-Jun-25	49.3	4.4	0.1	11.4	4.1	2.0	1.5	0.1	72.96	0.0	17.7	3.0	0.0	0.1	1.5	0.0	22.65	6.50	10.81	1.95	19.26	0.00	0.00	0.00	0.00			
10-Jun-25	50.8	2.1	0.9	11.5	5.4	0.6	1.8	0.1	73.14	0.0	14.3	2.0	0.0	0.1	2.0	0.0	18.69	7.97	14.05	2.35	24.37	0.00	0.00	0.00	0.00			
11-Jun-25	47.9	1.5	0.2	10.9	4.6	0.4	2.0	0.2	67.68	0.0	16.8	1.9	0.0	0.0	3.4	0.0	22.62	7.52	12.68	1.73	21.93	0.00	0.00	0.00	0.00			
12-Jun-25	46.3	0.0	0.0	10.2	2.4	0.2	0.8	0.0	59.90	0.0	27.4	3.6	0.0	0.3	4.1	0.1	36.03	7.71	13.83	1.91	23.45	0.00	0.00	0.05	0.05			
13-Jun-25	50.7	2.0	0.1	11.2	2.8	1.1	0.5	0.1	68.40	0.0	27.8	3.7	0.0	0.4	2.5	0.3	34.82	9.23	15.80	2.28	27.32	0.00	0.00	0.00	0.00			
14-Jun-25	58.0	5.1	0.1	13.2	2.2	2.5	1.3	0.3	82.69	0.0	27.5	1.9	0.0	0.2	0.8	0.0	30.61	8.48	14.35	1.94	24.76	0.00	0.00	0.00	0.00			
15-Jun-25	52.8	8.1	0.7	12.2	3.6	0.1	1.5	0.3	79.20	0.0	20.7	1.9	0.0	0.1	3.2	0.0	26.10	6.67	13.06	1.78	21.52	0.00	0.00	0.00	0.00			
16-Jun-25	48.4	14.5	1.7	11.2	5.9	0.7	1.8	0.6	84.76	0.0	7.9	0.8	0.0	0.0	0.6	0.0	9.33	4.51	11.04	1.32	16.87	0.00	0.00	0.00	0.00			
17-Jun-25	38.2	21.2	1.2	8.5	3.4	2.6	1.1	0.8	77.03	0.0	6.0	2.0	0.0	0.1	1.3	0.0	9.35	3.09	11.27	1.38	15.73	0.04	0.00	0.00	0.04			
18-Jun-25	34.2	23.7	1.1	7.4	2.5	2.8	1.3	0.5	73.63	0.0	6.7	3.4	0.0	0.3	0.8	0.0	11.35	2.67	11.47	1.48	15.62	0.03	0.00	0.00	0.03			
19-Jun-25	32.0	17.5	0.6	6.8	1.8	2.1	1.1	0.3	62.22	0.0	8.3	4.0	0.0	0.7	0.3	0.0	13.40	2.08	10.66	1.58	14.32	0.17	0.00	0.00	0.17			
20-Jun-25	26.3	13.5	0.9	6.2	2.9	3.2	1.8	0.3	55.04	0.0	8.2	5.0	0.0	0.5	0.2	0.0	14.26	1.63	8.73	1.57	11.93	0.61	0.00	0.00	0.61			
21-Jun-25	35.8	9.4	1.1	8.2	3.4	2.1	1.8	0.4	62.16	0.0	8.0	4.5	0.0	0.4	1.1	0.0	14.15	2.16	10.38	1.75	14.29	0.11	0.00	0.00	0.11			
22-Jun-25	35.5	5.5	0.9	7.5	1.8	0.5	1.4	0.4	53.44	0.0	5.2	4.2	0.0	1.0	2.5	0.0	13.08	1.57	8.08	1.51	11.15	0.71	0.02	0.01	0.74			
23-Jun-25	32.4	4.5	0.1	4.6	2.6	0.1	1.2	0.2	45.77	0.0	5.3	4.6	0.0	0.5	3.9	0.0	14.63	1.71	8.35	1.54	11.59	0.21	0.00	0.00	0.21			
24-Jun-25	35.8	4.3	0.7	5.5	2.5	0.4	1.4	0.0	50.54	0.0	10.4	4.4	0.0	1.0	3.6	0.0	19.62	0.54	7.11	1.14	8.79	0.77	0.00	0.00	0.77			
25-Jun-25	24.9	1.4	0.0	3.6	1.8	0.0	0.9	0.1	32.79	0.1	17.1	6.5	0.2	2.0	5.4	0.1	31.76	1.03	6.39	1.14	8.56	1.47	0.06	0.03	1.56			
26-Jun-25	28.7	4.9	0.0	5.5	1.6	0.0	0.7	0.1	41.47	0.1	10.5	4.9	0.3	1.2	6.4	0.0	23.60	2.52	9.40	1.69	13.60	0.80	0.00	0.00	0.80			
27-Jun-25	30.9	2.7	0.1	6.5	1.2	0.2	1.4	0.0	42.88	0.1	9.9	4.8	0.2	1.2	4.1	0.0	20.73	2.38	10.07	1.72	14.16	0.03	0.00	0.00	0.03			
28-Jun-25	33.3	4.1	0.2	7.3	1.8	0.7	1.3	0.0	48.72	0.0	9.8	5.0	0.0	1.0	2.7	0.0	18.84	2.70	9.59	1.78	14.07	0.80	0.01	0.00	0.80			
29-Jun-25	30.3	7.0	1.0	6.9	2.2	0.8	1.5	0.1	49.79	0.0	6.0	3.1	0.0	0.8	1.4	0.0	11.97	3.16	11.30	2.04	16.50	0.00	0.00	0.00	0.00			
30-Jun-25	32.9	6.4	0.3	7.5	1.6	0.7	0.6	0.0	49.89	0.0	4.5	3.4	0.0	1.0	1.9	0.0	7.11	3.95	11.17	2.15	17.27	0.13	0.00	0.00	0.13			
Total	1120.57	213.61	22.27	241.40	100.65	28.61	45.82	9.61	1782.54	0.39	323.63	113.50	1.02	16.71	53.82	1.56	7.03	517.65	102.25	273.90	41.91	418.06	20.90	6.53	2.60	30.02		

Note- 400 kV apprno : Jagdalpur CH 18.2 included from 07.06.2025

Date	15.4 Import and Export of SR with ER & WR during June 2025																											
	Export of ER to SR (ER - SR)				Import of ER from SR (SR - ER)				Export of WR to SR (WR-SR)										Import of WR from SR (SR - WR)									
	ER - SR HVDC Gazuwaka	ER - SR HVDC Talchar - Kolar	ER-SR 765 kV Angul - Srikakulam D/C	Total ER - SR	SR - ER HVDC Gazuwaka	SR - ER HVDC Talchar - Kolar	SR-ER 765 kV Angul - Srikakulam D/C	Total SR - ER	WR - SR HVDC Bhadrawati	WR - SR 765 kV Sholapur - Raichur 2xS/C	WR-SR 765 kV Wardha - Nizamabad D/C	WR-SR 400KV Kolhapur - Kudgi D/C	WR-SR HVDC Xeldem - Ambewadi S/C	WR-SR 220kV Ponda - Ambewadi S/C	WR-SR 765 kV Warora - Warangal D/C	Total WR - SR	SR - WR HVDC Bhadrawati	SR - WR 765 kV Raichur - Sholapur 2xS/C	SR-WR 765 kV Wardha - Nizamabad D/C	SR-WR 400KV Kolhapur - Kudgi D/C	SR-WR HVDC Raigarh - Puglur	SR - WR 220kV Xeldem - Ambewadi S/C	SR-WR 765 kV Warangal - Warora D/C	Total SR - WR				
1-Jun-25	0.00	40.00	29.48	69.49	8.46	0.00	0.89	9.35	0.00	0.43	15.30	0.00	25.07	1.95	0.00	18.62	61.38	14.44	24.53	5.38	30.50	0.00	0.00	0.00	5.09	79.93		
2-Jun-25	0.00	42.98	32.81	75.79	4.17	0.00	0.00	4.17	0.00	0.83	18.20	0.00	21.92	2.10	0.00	22.53	65.58	23.94	17.29	0.52	27.14	0.00	0.00	0.00	0.37	69.27		
3-Jun-25	0.00	39.00	38.72	77.72	2.56	0.00	0.00	2.56	0.00	3.90	27.09	0.00	14.59	2.08	0.00	28.83	76.49	23.92	10.06	0.00	24.05	0.00	0.00	0.00	0.00	58.03		
4-Jun-25	0.00	36.32	44.83	81.15	2.57	0.00	0.00	2.57	0.00	4.29	28.62	0.00	14.92	1.88	0.00	31.64	81.35	12.45	8.92	0.00	23.80	0.00	0.00	0.00	0.00	45.18		
5-Jun-25	0.00	41.86	51.33	93.18	2.57	0.00	0.00	2.57	0.00	11.56	33.27	0.00	21.65	2.28	0.00	38.34	107.09	6.03	2.29	0.00	17.31	0.00	0.00	0.00	0.00	25.63		
6-Jun-25	0.00	42.55	44.93	87.48	2.57	0.00	0.00	2.57	0.00	7.30	26.99	0.00	67.77	2.27	0.00	30.95	135.29	6.74	3.18	0.03	17.19	0.00	0.00	0.00	0.02	27.16		
7-Jun-25	0.00	46.93	36.53	83.46	2.56	0.00	0.00	2.56	0.00	2.74	19.55	0.00	49.77	2.28	0.00	21.35	95.70	11.74	11.17	0.05	22.14	0.00	0.00	0.00	0.04	45.15		
8-Jun-25	0.00	39.83	30.24	70.07	2.56	0.00	0.00	2.56	0.00	0.66	12.83	0.00	34.41	2.10	0.00	13.65	63.65	19.23	18.90	0.63	26.70	0.00	0.00	0.00	0.70	66.16		
9-Jun-25	0.00	34.47	34.42	68.89	7.85	0.00	0.00	7.85	0.00	0.00	15.14	0.00	43.63	2.16	0.00	10.26	71.18	23.90	24.59	2.88	28.72	0.00	0.00	0.00	2.84	82.93		
10-Jun-25	0.00	34.88	28.54	63.42	12.15	0.00	0.00	12.15	0.00	0.16	11.22	0.00	31.80	2.09	0.00	10.52	55.79	23.09	29.54	3.80	32.61	0.00	0.00	0.00	4.36	93.40		
11-Jun-25	0.00	35.07	22.82	57.89	11.99	0.00	0.00	11.99	0.00	0.04	8.10	0.00	37.06	1.35	0.00	8.95	55.49	7.97	32.56	8.77	32.35	0.00	0.00	0.00	9.24	90.87		
12-Jun-25	0.00	33.08	18.81	51.89	11.14	0.00	0.00	11.14	0.00	0.00	4.09	0.00	55.75	0.00	0.00	4.25	64.10	7.25	39.27	10.08	34.89	0.00	0.00	0.00	11.47	102.95		
13-Jun-25	0.00	28.95	21.16	50.11	8.58	0.00	0.00	8.58	0.00	0.00	3.38	0.00	48.15	0.48	0.01	3.59	55.61	7.25	41.18	10.68	35.77	0.00	0.00	0.00	11.70	106.59		
14-Jun-25	0.00	27.95	16.30	44.25	3.07	0.00	0.00	3.07	0.00	0.00	0.16	0.00	16.14	1.95	0.01	0.18	18.44	18.32	58.94	19.34	40.43	0.00	0.00	0.00	20.25	157.27		
15-Jun-25	0.00	25.77	13.79	39.56	13.27	0.00	0.16	13.43	0.00	0.00	0.18	0.00	14.75	1.74	0.01	0.13	16.81	23.89	65.44	19.60	50.57	3.78	0.00	0.00	20.99	184.27		
16-Jun-25	0.00	28.50	18.38	46.88	10.53	0.00	0.00	10.53	0.00	0.00	2.09	0.00	13.96	1.86	0.00	2.10	20.02	23.94	56.40	12.28	46.48	7.91	0.00	0.00	14.01	161.02		
17-Jun-25	1.00	26.06	26.72	53.78	6.98	0.00	0.00	6.98	0.00	0.03	7.62	0.00	20.34	2.01	0.00	8.75	38.76	23.92	39.40	5.93	37.14	0.00	0.00	0.00	6.53	112.91		
18-Jun-25	0.00	32.95	35.62	68.57	5.70	0.00	0.00	5.70	0.00	1.24	18.09	0.00	19.63	2.09	0.00	18.01	59.05	19.38	24.48	2.03	32.32	0.00	0.00	0.00	2.27	80.49		
19-Jun-25	0.00	30.89	37.56	68.45	2.59	0.00	0.00	2.59	0.00	0.86	20.59	0.00	23.96	2.12	0.00	18.94	66.46	23.97	20.26	0.52	31.53	0.00	0.00	0.00	1.12	77.40		
20-Jun-25	0.00	33.74	38.72	72.47	2.58	0.00	0.00	2.58	0.00	1.42	22.31	0.00	42.09	2.25	0.00	21.90	89.96	23.98	18.51	0.00	30.63	0.00	0.00	0.00	0.00	73.12		
21-Jun-25	0.00	28.13	38.21	66.34	4.74	0.00	0.00	4.74	0.00	0.90	19.57	0.00	22.49	2.20	0.00	17.63	62.78	23.95	24.91	0.93	32.45	0.00	0.00	0.00	1.65	83.89		
22-Jun-25	0.00	27.71	32.45	60.15	9.51	0.00	0.00	9.51	0.00	0.14	13.59	0.00	18.84	2.04	0.00	13.01	47.61	23.95	36.18	1.76	34.30	0.00	0.00	0.00	2.60	98.79		
23-Jun-25	0.00	26.80	38.39	65.19	12.06	0.00	0.00	12.06	0.00	0.30	20.39	0.00	22.85	1.94	0.01	18.24	63.72	22.22	32.03	0.22	33.58	0.00	0.00	0.00	0.31	88.36		
24-Jun-25	0.00	23.59	35.30	58.89	12.07	0.00	0.00	12.07	0.00	0.41	17.79	0.00	22.71	1.65	0.01	15.30	57.86	23.97	27.40	0.20	35.79	0.00	0.00	0.00	0.75	88.09		
25-Jun-25	0.00	38.45	37.52	75.97	12.05	0.00	0.00	12.05	0.00	0.57	15.75	0.00	37.33	2.13	0.00	15.13	70.93	20.31	31.87	0.60	35.91	0.00	0.00	0.00	0.81	89.51		
26-Jun-25	0.00	30.25	33.95	64.20	12.08	0.00	0.00	12.08	0.00	1.13	11.06	0.00	26.09	2.12	0.00	10.78	51.20	6.17	35.86	2.30	35.26	0.00	0.00	0.00	2.89	82.49		
27-Jun-25	0.00	37.59	37.52	75.11	10.07	0.00	0.00	10.07	0.00	1.79	15.22	0.00	29.38	2.19	0.00	14.76	63.35	14.62	29.00	0.39	32.24	0.00	0.00	0.00	0.81	77.07		
28-Jun-25	0.00	39.00	37.19	76.19	7.29	0.00	0.00	7.29	0.00	1.71	17.30	0.00	32.30	2.06	0.00	16.48	69.85	11.92	23.64	1.23	32.26	0.00	0.00	0.00	1.20	70.25		
29-Jun-25	0.00	30.37	30.55	60.92	7.25	0.00	0.00	7.25	0.00	0.85	17.93	0.00	19.22	2.08	0.00	15.07	55.15	7.24	26.48	0.01	32.33	0.00	0.00	0.00	0.76	66.82		
30-Jun-25	0.00	28.96	34.30	63.26	7.24	0.00	0.00	7.24	0.00	1.48	21.60	0.00	24.52	2.07	0.00	19.71	69.39	7.27	20.36	0.00	30.01	0.00	0.00	0.00	0.00	57.64		
TOTAL	1.00	1012.66	977.07	1990.73	218.83	0.00	1.05	219.88	0.00	44.74	465.00	0.00	873.08	57.52	0.08	469.61	1910.04	506.97	834.64	110.14	956.40	11.69	0.00	0.01	122.79	2542.64		

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 [आरत '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 APR'25	72.61	27.18	365.47	0.00	684.92	0.00	0.70	0.00
मई MAY'25	0.00	553.50	203.10	9.50	707.90	0.00	0.70	0.00
जून JUN'25	0.00	1148.30	21.70	248.80	646.50	0.00	0.74	0.00
कुल Total	72.61	1728.98	590.27	258.30	2039.32	0.00	2.14	0.00

* Based on daily operational data

16.1 Import from neighbouring countries during Jun 2025

(All figures in MU)

Date	Import from neighbouring countries during Jun 2025														
	Import from Bhutan							Import from Bangladesh		Import from Nepal			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-Jun-25	10.84	4.29	1.59	0.00	0.00	26.22	1.05	0.93	0.00	0.00	0.00	0.00	4.54	0.00	0.00
2-Jun-25	8.36	3.02	0.78	0.00	0.00	21.69	0.40	0.39	0.00	0.00	0.00	0.00	4.38	0.00	0.00
3-Jun-25	5.59	1.70	0.00	0.00	0.00	22.68	0.41	0.51	0.00	0.00	0.00	0.00	0.93	0.00	0.00
4-Jun-25	4.44	1.08	0.00	0.00	0.00	22.74	0.76	0.62	0.00	0.00	0.00	0.00	2.77	0.00	0.00
5-Jun-25	4.50	1.05	0.00	0.00	0.00	20.79	0.76	0.62	0.00	0.00	0.00	0.00	2.06	0.00	0.00
6-Jun-25	5.55	1.59	0.18	0.00	0.00	21.96	0.76	0.39	0.00	0.00	0.00	0.00	1.41	0.00	0.00
7-Jun-25	3.48	0.43	0.00	0.00	0.00	18.74	0.90	0.51	0.00	0.00	0.00	0.00	0.84	0.00	0.00
8-Jun-25	3.82	0.63	0.00	0.00	0.00	16.33	1.01	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9-Jun-25	3.26	0.39	0.00	0.17	0.00	14.16	0.86	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10-Jun-25	1.90	0.00	0.00	0.24	0.00	14.90	0.84	0.43	0.00	0.00	0.00	0.00	0.13	0.00	0.00
11-Jun-25	1.36	0.00	0.00	0.00	0.00	16.54	0.88	0.48	0.00	0.00	0.00	0.00	1.04	0.00	0.00
12-Jun-25	1.73	0.00	0.00	0.00	0.00	18.63	1.04	0.71	0.00	0.00	0.00	0.00	5.82	0.00	0.00
13-Jun-25	1.28	0.00	0.00	0.00	0.00	17.85	1.08	0.83	0.00	0.00	0.00	0.00	6.36	0.00	0.00
14-Jun-25	1.14	0.00	0.00	0.00	0.00	18.55	1.08	0.83	0.00	0.00	0.00	0.00	6.74	0.00	0.00
15-Jun-25	2.14	0.00	0.00	0.00	0.00	23.50	1.20	0.89	0.00	0.00	0.00	0.00	7.69	2.29	0.00
16-Jun-25	4.78	0.88	0.00	0.00	0.00	26.95	1.41	1.01	0.00	0.00	0.00	0.00	10.52	2.66	0.00
17-Jun-25	7.36	2.21	0.00	0.00	0.00	31.98	1.20	1.14	0.00	0.00	0.00	0.00	10.74	2.58	0.00
18-Jun-25	8.38	2.74	0.15	0.00	0.00	34.26	1.21	1.20	0.00	0.00	0.00	0.00	11.10	2.71	0.00
19-Jun-25	14.63	4.26	1.30	0.05	0.00	34.23	1.15	0.82	0.00	0.00	0.00	0.00	13.25	2.90	0.00
20-Jun-25	16.73	4.37	2.17	0.22	0.00	32.53	1.14	1.14	0.00	0.00	0.00	0.00	13.60	2.75	0.00
21-Jun-25	19.45	0.81	2.37	0.71	0.00	32.10	0.98	1.07	0.00	0.00	0.00	0.00	13.04	2.63	0.00
22-Jun-25	20.41	0.00	2.49	0.84	0.00	31.34	1.22	1.19	0.00	0.00	0.00	0.00	11.01	2.43	0.00
23-Jun-25	18.20	0.00	2.43	0.67	0.00	29.87	1.20	1.18	0.00	0.00	0.00	0.00	12.96	2.98	0.00
24-Jun-25	20.10	0.00	2.61	0.59	0.00	32.97	1.17	1.17	0.00	0.00	0.00	0.00	13.07	3.01	0.00
25-Jun-25	20.50	0.00	2.67	0.82	0.00	32.36	1.04	1.07	0.00	0.00	0.00	0.00	12.18	3.05	0.00
26-Jun-25	15.92	0.00	2.44	0.60	0.00	31.76	1.00	0.96	0.00	0.00	0.00	0.00	12.19	3.04	0.00
27-Jun-25	14.49	0.66	2.49	0.61	0.00	31.10	1.16	0.96	0.00	0.00	0.00	0.00	11.63	3.06	0.00
28-Jun-25	18.80	0.06	2.49	0.75	0.00	31.43	1.16	0.96	0.00	0.00	0.00	0.00	12.28	2.93	0.00
29-Jun-25	14.89	1.09	2.30	0.55	0.00	30.73	1.07	0.96	0.00	0.00	0.00	0.00	13.41	3.00	0.00
30-Jun-25	15.45	0.32	2.14	0.54	0.00	29.52	1.11	0.98	0.00	0.00	0.74	0.00	13.73	3.05	0.00
Total	289.46	31.60	30.60	7.37	0.00	768.39	30.25	24.86	0.00	0.00	0.74	0.00	229.43	45.08	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)

16.2 Export to neighbouring countries during Jun 2025

(All figures in MU)

Date	Export to neighbouring countries during Jun 2025												Export to Myanmar		
	Export to Bhutan							Export to Bangladesh		Export to Nepal					
	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-Jun-25	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	22.22	0.81	1.32	0.80	0.00	0.68	0.02
2-Jun-25	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	22.45	0.79	1.36	0.79	0.00	0.81	0.02
3-Jun-25	0.00	0.00	0.11	0.83	0.00	0.00	0.00	0.00	19.53	0.93	1.32	0.81	0.00	0.87	0.02
4-Jun-25	0.00	0.00	0.53	0.92	0.00	0.00	0.00	0.00	19.31	1.07	1.25	1.12	0.00	1.01	0.03
5-Jun-25	0.00	0.00	0.45	0.80	0.00	0.00	0.00	0.00	19.76	0.72	1.20	0.73	0.00	0.97	0.03
6-Jun-25	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	19.67	0.78	1.34	1.04	0.00	0.90	0.02
7-Jun-25	0.00	0.00	0.68	0.59	0.00	0.00	0.00	0.00	17.53	0.76	1.36	0.94	0.00	0.90	0.03
8-Jun-25	0.00	0.00	0.45	0.42	0.00	0.00	0.00	0.00	18.19	0.79	1.18	1.05	0.29	1.12	0.03
9-Jun-25	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	22.50	0.83	1.38	1.30	0.41	2.10	0.02
10-Jun-25	0.00	0.40	1.22	0.00	0.00	0.00	0.00	0.00	22.35	0.86	1.09	1.13	0.00	2.09	0.03
11-Jun-25	0.00	0.74	2.40	0.42	0.00	0.00	0.00	0.00	21.70	0.81	1.11	0.70	0.00	0.79	0.02
12-Jun-25	0.00	0.69	2.43	0.59	0.00	0.00	0.00	0.00	21.21	0.89	1.15	0.71	0.00	0.57	0.03
13-Jun-25	0.00	0.97	2.38	0.44	0.00	0.00	0.00	0.00	18.37	0.97	0.75	0.64	0.00	0.85	0.03
14-Jun-25	0.00	1.01	2.51	0.57	0.00	0.00	0.00	0.00	20.47	0.97	0.94	0.13	0.00	0.00	0.03
15-Jun-25	0.00	0.36	1.93	0.99	0.00	0.00	0.00	0.00	22.10	0.95	0.90	0.16	0.00	0.00	0.03
16-Jun-25	0.00	0.00	1.39	0.60	0.00	0.00	0.00	0.00	22.91	0.88	0.79	0.00	0.00	0.00	0.02
17-Jun-25	0.00	0.00	0.24	0.28	0.00	0.00	0.00	0.00	19.42	0.74	0.60	0.00	0.00	0.00	0.03
18-Jun-25	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	21.34	0.69	0.68	0.00	0.00	0.00	0.03
19-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.52	0.67	0.70	0.00	0.00	0.00	0.01
20-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.72	0.71	0.02	0.00	0.00	0.00	0.02
21-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.03	0.73	0.05	0.00	0.00	0.00	0.03
22-Jun-25	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	22.38	0.81	0.69	0.00	0.00	0.00	0.03
23-Jun-25	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	22.39	0.85	0.01	0.00	0.00	0.00	0.03
24-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.76	0.95	0.04	0.03	0.00	0.00	0.02
25-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.95	0.02	0.00	0.00	0.00	0.02
26-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.75	0.94	0.16	0.00	0.00	0.00	0.02
27-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.14	0.88	0.46	0.00	0.00	0.00	0.02
28-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.25	0.92	0.02	0.00	0.00	0.00	0.03
29-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.53	0.92	0.07	0.00	0.00	0.00	0.03
30-Jun-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.58	0.93	0.00	0.00	0.00	0.00	0.03
Total	0.00	4.25	17.07	8.52	0.00	0.00	0.00	0.00	617.72	25.48	21.93	21.77	0.69	13.65	0.74

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 – जून 2025

STOA (BILATERAL AND COLLECTIVE) & DSM BILLING DETAILS - JUN 2025

द्विपक्षीय एसटीओए BILATERAL SHORT TERM OPEN ACCESS

जून 2025 JUNE 2025		Apr'25- Mar'26		
नोडल क्षे.भा.प्रे.के. का नाम Name of Nodal RLDC	अनुमोदित लेन – देनों की संख्या No. of Approved Transactions	अनुमोदित ऊर्जा (मि.यु.) Energy Approved(MU)	अनुमोदित लेन – देनों की संख्या No. of Approved Transactions	अनुमोदित ऊर्जा (मि.यु.) Energy Approved (MU)
क्षे. NR	2603	5666	4425	8174
प.क्षे. WR	773	615	3077	2645
द.क्षे. SR	697	575	1526	7759
पू.क्षे. ER	504	1759	1689	4304
पूर्वोत्तर क्षे. NER	44	275	180	692
कुल TOTAL	4621	8890	10897	23574

एसटीओए SHORT TERM OPEN ACCESS

	सामूहिक एसटीओए Collective STOA			द्विपक्षीय एसटीओए Bilateral STOA
माह MONTH	क्रेताओं / विक्रेताओं की स. NO. of Buyers/Sellers	अनुमोदित ऊर्जा (मि.यु.) Approved Energy (MU)	अनुमोदित 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
कुल TOTAL	42512	28030	10897	23574

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
02.06.25 to 08.06.25	331.81	211.19	64.85	278.04	46.31
09.06.25 to 15.06.25	358.49	364.38	22.04	300.34	49.82
16.06.25 to 22.06.25	157.46	235.54	19.45	208.42	28.47
23.06.25 to 29.06.25	130.42	267.45	35.49	208.74	26.19

* Amount shown is Payable to DSM pool ^Provisional Data

18. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. एंड पी.एक्स.आई.एल.)

POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनियय - माह:- जून 2025

EXCHANGES THROUGH POWER EXCHANGES-JUN 2025

क्र. सं. S. No.	क्षेत्रीय इकाई Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.ग्र. मे) Through Power Exchange in MU	
			(DAM+HP DAM+RTM)	
1	ACME SIKAR SOLAR PRIVATE LIMITED	उत्तरी क्षेत्र NR	28.95	0.00
2	AD HYDRO POWER LIMITED		104.12	0.00
3	ADANI GREEN ENERGY TWENTY FIVE LIMITED		100.92	0.00
4	ADANI GREEN ENERGY TWENTY FOUR LIMITED		87.63	0.00
5	ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(Project-2)		22.14	0.00
6	ADANI SOLAR ENERGY JODHPUR TWO LIMITED		9.14	0.00
7	AMP Energy Green Four Private Limited		18.02	0.00
8	Adept Renewable Technologies Private Limited		24.65	0.00
9	Amp Energy Green Six Private Limited		22.36	0.00
10	Amplus Ages Private Limited		1.94	0.00
11	Budhil HEP (Greenko Budhil Hydro Power Pvt. Ltd.)		8.33	0.00
12	Chandigarh (UT)		41.08	12.22
13	Delhi		262.76	141.01
14	Gorbea Solar Private Limited_Infirm		0.20	0.00
15	Government of Himachal Pradesh _ Chamera1HEP		14.14	4.07
16	Government of Himachal Pradesh _ Chamera3HEP		13.73	0.78
17	Government of Himachal Pradesh _ CHAMERA2HEP		16.48	1.06
18	Government of Himachal Pradesh_BairasuiHEP		6.94	0.50
19	Government of Himachal Pradesh_Koldam HEP		21.10	5.71
20	Government of Himachal Pradesh_NJHPS		35.30	3.93
21	Government of Himachal Pradesh_Parbati2HEP		32.18	6.51
22	Government of Himachal Pradesh_Parbati3HEP		21.39	4.78
23	Government of Himachal Pradesh_RampurHEP		14.15	0.97
24	Grian Energy Private Limited		6.46	0.00
25	Haryana		266.05	168.54
26	Himachal Pradesh		220.82	78.77
27	IGSTPS JHAJJAR		3.85	0.00
28	JUNIPER GREEN COSMIC PRIVATE LIMITED		16.52	0.00
29	JUNIPER NIRJARA ENERGY PRIVATE LIMITED		5.67	0.00
30	Jammu Kashmir		167.56	59.16
31	Juna Renewable Energy Private Limited		6.22	0.00
32	KARCHAM WANGTOO HYDRO ELECTRIC PLANT.		90.90	0.00
33	Khidrat Renewable Energy Private Limited		2.67	0.00
34	Khidrat Renewable Energy Private Limited (infirm)		0.14	0.00
35	NEA - UP STU		0.00	8.00
36	NEA Nepal Upper Chameliya Hydropower Project		1.48	0.00
37	NEA Nepal Upper Kalangagad Hydropower Project new		0.22	0.00
38	NEPAL ELECTRICITY AUTHORITY TANAKPUR		0.00	10.15
39	NTPC Dadri Stage I		5.56	0.00
40	NTPC Dadri Stage II		15.91	0.00
41	NTPC Rihand stage I		15.33	0.00
42	NTPC Rihand stage II		16.48	0.00
43	NTPC Rihand stage III		17.38	0.00
44	NTPC Singrauli		30.23	0.00

18. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. एंड.पी.एक्स.आई.एल.)

POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनियम - माह:- जून 2025

EXCHANGES THROUGH POWER EXCHANGES-JUN 2025

क्र. सं. S. No.	क्षेत्रीय इकाई Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.ग्र. मे) Through Power Exchange in MU	
			(DAM+HP DAM+RTM)	
45	NTPC Tanda Stage II		8.47	0.00
46	NTPC Unchahar Stage I		3.62	0.00
47	NTPC Unchahar Stage II		5.69	0.00
48	NTPC Unchahar Stage III		2.59	0.00
49	NTPC Unchahar Stage IV		9.18	0.00
50	North Central Railway Prayagraj		0.00	12.72
51	Onevolt Energy Private Limited		3.36	0.00
52	Punjab		102.09	1201.66
53	RENEW SURYA PRATAP PRIVATE LIMITED		43.71	0.00
54	RENEW SURYA ROSHNI PRIVATE LIMITED-Fatehgarh-III PS		0.22	0.00
55	Rajasthan		388.86	65.10
56	ReNew Surya Ravi Private Limited		39.93	0.00
57	Renew Surya Jyoti Private Limited		32.73	0.00
58	SHREE CEMENT LIMITED TPS		19.03	0.00
59	Sainj HEP		29.58	2.24
60	Serentica Renewables India 4 Private Limited		4.17	0.00
61	Serentica Renewables India 5 Private Limited		19.51	0.00
62	Singoli Bhatwari HEP		32.02	0.00
63	Sorang HEP (Himachal Sorang Power Pvt. Ltd.))		31.56	0.00
64	TEHRI PSP		3.83	5.21
65	TPSL 200MW TPTCL Banderwala		5.89	0.00
66	TPSL Banderwala SEC1 100_INF		0.46	0.00
67	Transition Cleantech Services Private Limited		1.14	0.00
68	Transition Energy Services Private Limited		10.48	0.00
69	Transition Green Energy Private Limited		1.46	0.00
70	Transition Sustainable Energy Services One Private Limited		12.10	0.00
71	Uttar Pradesh		249.63	629.95
72	Uttarakhand		69.86	140.30
73	ACB (INDIA) LIMITED		29.89	1.55
74	ADANI GREEN ENERGY TWENTY FOUR LIMITED_PSS4		20.89	0.00
75	ADANI GREEN ENERGY TWENTY SIX A LIMITED_PSS-3		2.25	0.00
76	ADANI HYBRID ENERGY JAISALMER FIVE LIMITED_PSS4		13.12	0.00
77	ADANI HYBRID ENERGY JAISALMER FIVE LIMITED_PSS5_Solar		22.57	0.00
78	ADANI PORTS AND SPECIAL ECONOMIC ZONE LIMITED (PSS-3)		29.71	0.00
79	ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS-3 (162.5 MW Hybrid Solar of 187.5MW HPD)		29.86	0.00
80	ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS3 (20.8 MW Hybrid Wind of 25 MW of 187.5MW HPD)		1.16	0.00
81	ADANI RENEWABLE ENERGY FIFTY FIVE LIMITED_PSS3 (25 MW Hybrid Solar of 25 MW of 187.5MW HPD)		0.53	0.00
82	ADANI RENEWABLE ENERGY FIFTY SEVEN LIMITED_PSS13		104.54	0.00
83	ADANI RENEWABLE ENERGY FIFTY SIX LIMITED_PSS4		42.98	0.00
84	ADANI RENEWABLE ENERGY FIFTY SIX LIMITED_PSS9		43.16	0.00
85	ADANI RENEWABLE ENERGY FORTY FIVE LIMITED_PSS5		11.28	0.00
86	ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS-3		34.61	0.00
87	ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS13		15.51	0.00
88	ADANI RENEWABLE ENERGY FORTY ONE LIMITED_PSS4		11.75	0.00
89	ADANI RENEWABLE ENERGY HOLDING FOUR LIMITED_PSS-1		173.46	0.00
90	ADANI WIND ENERGY KUTCHH FOUR Ltd. Nakhatrana		64.76	0.00
91	AMBUJA CEMENTS LIMITED_PSS3		7.66	0.00
92	AMBUJA CEMENTS LIMITED_PSS4_Hybrid Wind		16.60	0.00
93	Adani Green Energy Twenty Five A Limited_PSS-2		96.70	0.00
94	Adani Green Energy Twenty Five B Limited(Wind)_PSS9		14.73	0.00
95	Adani Green Energy Twenty Four B Limited_PSS-2		102.03	0.00
96	Adani Green Energy Twenty Four A Limited_PSS-3		71.07	0.00

18. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. एंड पी.एक्स.आई.एल.)

POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनियम - माह- जून 2025

EXCHANGES THROUGH POWER EXCHANGES-JUN 2025

क्र. सं. S. No.	क्षेत्रीय इकाई Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.ग्र. मे) Through Power Exchange in MU	
			(DAM+HP DAM+RTM)	
97	Adani Green Energy Twenty Six B Limited_Hybrid Wind_PSS10	पश्चिमी क्षेत्र WR	3.53	0.00
98	Adani Green Energy Twenty Six B Limited_PSS-2		32.64	0.00
99	Adani Ports and Special Economic Zone Limited_PSS4_Wind		16.85	0.00
100	Adani Power Limited - Raigarh TPP		141.61	0.00
101	Adani Power Limited-Raipur TPP		91.16	0.00
102	Adani Renewable Energy Fifty Six Limited_PSS10		21.44	0.00
103	ArcelorMittal Nippon Steel India Private Limited		0.00	79.00
104	BHARAT ALUMINIUM COMPANY LTD		43.40	0.62
105	BHARAT ALUMINIUM COMPANY LTD (Bulk Consumer)		0.00	6.45
106	CONTINUUM POWER TRADING (TN) PRIVATE LIMITED		4.53	0.00
107	Chhattisgarh		159.58	27.79
108	D B Power Limited		40.32	0.00
109	DGEN MEGA POWER PROJECT		12.34	0.00
110	DHARIWAL STU OTH		3.32	0.00
111	Daman and Diu - Dadra and Nagar Haveli		0.88	150.22
112	Dhariwal ISTS		2.80	2.09
113	GMR Warora Energy Limited		0.39	0.00
114	Goa WR		28.05	0.68
115	Gujarat		47.16	894.92
116	Jaypee Nigrie Super Thermal Power Plant		97.49	0.00
117	Jhabua Power Limited		6.86	0.00
118	Jindal Power Limited, Stage-1		270.63	0.88
119	Jindal Power Limited, Stage-2		395.77	0.00
120	Jindal Steel & Power Ltd , DCPP		64.25	0.00
121	KSK MAHANADI POWER COMPANY LIMITED		24.73	0.00
122	Lanco AMARKANTAK POWER LIMITED		4.00	0.00
123	MAHAN ENERGEN LIMITED U#1		63.43	0.95
124	MAHAN ENERGEN LIMITED U#2		46.51	6.11
125	MB POWER (MADHYA PRADESH) LIMITED		94.25	0.00
126	Madhya Pradesh		534.77	241.61
127	Maharashtra		279.10	595.68
128	Maruti Clean Coal and Power Limited		4.19	0.00
129	NTPC Gadarwara		11.39	0.00
130	NTPC Jhanor Gandhar GPS		0.00	0.85
131	NTPC Kawas GPS		0.00	0.52
132	NTPC Korba Stage I &II		25.47	0.00
133	NTPC Korba Stage III		6.93	0.00
134	NTPC Lara Stage I		19.50	0.00
135	NTPC Mouda Stage I		6.71	0.00
136	NTPC Mouda Stage II		10.67	0.00
137	NTPC SAIL POWER COMPANY LIMITED		0.02	0.00
138	NTPC SOLAPUR SOLAR PV Station		1.65	0.00
139	NTPC Sipat Stage I		31.23	0.00
140	NTPC Sipat Stage II		19.70	0.00
141	NTPC Solapur		6.81	0.00
142	NTPC VindhyaChal Stage I		19.10	0.00
143	NTPC VindhyaChal Stage II		11.99	0.00
144	NTPC VindhyaChal Stage III		14.52	0.00
145	NTPC VindhyaChal Stage IV		11.37	0.00
146	NTPC VindhyaChal Stage V		7.96	0.00
147	NTPC khargone		15.66	0.00
148	Nani Virani Wind Energy Private Limited		4.56	0.00

18. पावर मार्केट की सूचना (स्रोत : आई.एक्स.एंड.पी.एक्स.आई.एल.)

POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनियम - माह- जून 2025

EXCHANGES THROUGH POWER EXCHANGES-JUN 2025

क्र. सं. S. No.	क्षेत्रीय इकाई Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.ग्र. मे) Through Power Exchange in MU	
			(DAM+HP DAM+RTM)	
149	R.K.M POWERGEN PRIVATE LIMITED	दक्षिणी क्षेत्र SR	11.97	0.00
150	RENEW GREEN (MHS ONE) PRIVATE LIMITED_SOLAR_HYBRID		1.06	0.00
151	RENEW GREEN (MHS THREE) PRIVATE LIMITED_HYBRID_SOLAR		0.92	0.00
152	RENEW GREEN (TN THREE) PRIVATE LIMITED		2.72	0.00
153	Ratnagiri Gas & Power Private Limited		0.00	2.38
154	Reliance Industries Limited Jamnagar		0.00	29.09
155	SKS Power Generation Chhattisgarh Limited		8.56	12.81
156	Sasan Power Limited		43.03	0.00
157	TRN ENERGY PRIVATE LIMITED		13.46	0.00
158	The Tata Power Co Ltd (MTPS)		14.61	0.00
159	WIND FIVE RENERGY LIMITED		6.50	0.00
160	AM GREEN ENERGY PRIVATE LIMITED Solar	दक्षिणी क्षेत्र SR	40.03	0.00
161	AM GREEN ENERGY PRIVATE LIMITED Wind		0.58	0.00
162	Andhra Pradesh		152.09	502.33
163	COASTAL ENERGEN PRIVATE LIMITED		1.57	3.66
164	GREENKO AP01 IREP PRIVATE LIMITED_INFIRM_Drawee		0.00	111.99
165	GREENKO AP01 IREP PRIVATE LIMITED_Infirm_Injectee		46.03	0.00
166	Goa SR		1.53	0.16
167	Greenko AP01 IREP Private Limited_Start UP		0.00	15.23
168	IL&FS TAMIL NADU POWER COMPANY LIMITED		1.31	0.00
169	JINDAL POWER LIMITED SIMHAPURI		38.19	0.15
170	KLEIO SOLAR POWER PRIVATE LIMITED (Solar)		11.27	0.00
171	KLEIO SOLAR POWER PRIVATE LIMITED (Wind)		15.47	0.00
172	Karnataka		294.90	88.90
173	Kerala		46.09	130.46
174	MEENAKSHI ENERGY LIMITED		5.50	14.50
175	NLC INDIA LIMITED NEYVELI NEW THERMAL POWER STATION	दक्षिणी क्षेत्र SR	8.48	0.00
176	NLC INDIA LIMITED THERMAL POWER STATION I EXPANSION		3.72	0.00
177	NLC INDIA LIMITED THERMAL POWER STATION II EXPANSION		1.67	0.00
178	NLC INDIA LIMITED THERMAL POWER STATION II STAGE I		4.35	0.00
179	NLC INDIA LIMITED THERMAL POWER STATION II STAGE II		3.90	0.00
180	NLC Tamilnadu Power Limited		25.87	0.00
181	NTECL VALLUR		4.21	0.00
182	NTPC KUDGI		0.84	0.00
183	NTPC Ramagundam Stage I &II		6.65	0.00
184	NTPC Ramagundam Stage III		1.46	0.00
185	NTPC Simhadri Stage I		1.33	0.00
186	NTPC Simhadri Stage II		3.96	0.00
187	NTPC Talcher Super Thermal Power Station Stage II		20.23	0.00
188	NTPC Telangana		0.52	0.00
189	OSTRO KANNADA POWER PRIVATE LIMITED		29.92	0.00
190	Pondicherry UT		12.24	4.96
191	RENEW SURYA ROSHNI PRIVATE LIMITED Koppal PS		7.51	0.00
192	Ramagundam Floating solar		9.65	0.00
193	ReNew Surya Roshni Private Limited_Gadag		0.33	0.00
194	SEIL ENERGY INDIA LIMITED		21.13	0.00
195	SEIL Energy India Limited Project II		5.05	0.00
196	Serentica Renewables India 1 Private Limited		0.20	0.00
197	Simhadri FSP 15 MW		1.69	0.00
198	Simhadri Floating solar (10 MW)		0.96	0.00
199	Tamil Nadu		711.53	359.00
200	Telangana		25.36	1874.84

18. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. एंड पी.एक्स.पी.आई.एल.)

POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनियय - माहः- जून 2025

EXCHANGES THROUGH POWER EXCHANGES-JUN 2025

क्र. सं. S. No.	क्षेत्रीय इकाई Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.ग्र. मे) Through Power Exchange in MU	
			(DAM+HP DAM+RTM)	
201	Zenataris Renewable Energy Private Limited		21.00	0.00
202	ADHUNIK POWER & NATURAL RESOURCES LIMITED		1.04	0.00
203	Basochhu Hydropower Plant Bhutan		15.02	0.00
204	Bihar		285.29	103.74
205	Chuzachen HEP		0.01	0.00
206	Damodar Valley Corporation		33.90	272.27
207	Dikchu Hydro Electric Project (Sneha Kinetic Power Projects Pvt. Ltd.)		38.75	0.00
208	GMR KAMALANGA ENERGY LTD-CTU		2.00	0.00
209	IND BARATH ENERGY UTKAL LIMITED		29.04	45.87
210	JORETHANG LOOP HEP, DANS ENERGY PRIVATE LIMITED		0.08	0.00
211	Jharkhand		37.85	86.26
212	Jindal India Power Limited		52.99	0.00
213	KALI GANDAKI NEPAL ELECTRICITY AUTHORITY		57.55	0.00
214	KANTI BIJLEE UTPADAN NIGAM LIMITED		3.88	0.00
215	Kabeli B-1 Hydro Power Project NEPAL ELECTRICITY AUTHORITY		0.37	0.00
216	LIKHU-IV NEA		6.94	0.00
217	MAITHON POWER LIMITED		4.16	0.00
218	MARSYANGDI NEPAL ELECTRICITY AUTHORITY		22.08	0.00
219	NABINAGAR POWER GENERATING COMPANY LIMITED		15.48	0.00
220	NEA - Bihar STU		0.00	12.89
221	NEA Nepal Upper Dordi A Hydropower Project		0.11	0.00
222	NEPAL ELECTRICITY AUTHORITY MUZAFFARPUR		0.00	36.50
223	NEPAL ELECTRICITY AUTHORITY-MIDDLE MARSYANGDI		17.49	0.00
224	NTPC BARH Stage I		3.97	0.00
225	NTPC BARH Stage II		7.07	0.00
226	NTPC Darlipali		13.99	0.00
227	NTPC Farakka stage I		23.53	0.00
228	NTPC Farakka stage III		6.36	0.00
229	NTPC Kahalgaon stage I		8.80	0.00
230	NTPC Kahalgaon stage II		22.39	0.00
231	NTPC North Karanpura STPS		12.64	0.00
232	NTPC Talcher Stage I		8.83	0.00
233	NTPP BRBCL		4.60	0.00
234	Nikachhu Hydropower Project		13.59	0.00
235	Odisha		260.51	510.05
236	Sikkim		6.20	16.88
237	Solu Hydropower Project NEPAL ELECTRICITY AUTHORITY		0.63	0.00
238	Suchhu HEP		2.74	0.00
239	Tashiding HEP, Shiga Energy Private Limited		0.33	0.00
240	West Bengal		116.09	965.73
241	AGARTALA GAS BASED POWER STATION		11.86	0.00
242	ASSAM GAS BASED POWER STATION		1.39	0.00
243	Arunachal Pradesh		24.88	2.11
244	Assam		210.67	35.41
245	Bongaigaon Thermal Power Station NTPC		4.31	0.00
246	KAMENG HYDRO POWER STATION		5.92	0.00
247	Manipur		5.48	14.51
248	Meghalaya		56.87	10.59
249	Mizoram		28.11	0.00
250	Nagaland		8.13	6.00
251	Palatana Plant		13.62	0.00
252	Tripura		11.65	18.13

<p style="text-align: center;">18. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. एंड पी.एक्स.पीआई.एल.)</p> <p style="text-align: center;">POWER MARKET INFORMATION (Source IEX & PXIL)</p> <p style="text-align: center;">पावर एक्सचेंज के माध्यम से विनियम - माह:- जून 2025</p> <p style="text-align: center;">EXCHANGES THROUGH POWER EXCHANGES-JUN 2025</p>			
क्र. स. S. No.	क्षेत्रीय इकाई Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.ग्र. में) Through Power Exchange in MU
			(DAM+HP DAM+RTM)
	Total		9861
			9861

**19. INFORMATION ABOUT RENEWABLE ENERGY
CERTIFICATE MECHANISM**

MONTH : JUNE 2025

RE Source & Unit wise break up (01.06.2025-30.06.2025)

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	275	3	0	0
2	Urban or Municipal Waste	0	0	0	0
3	Solar Thermal	0	0	0	0
4	Solar PV	600	2	1750	5
5	Small Hydro	0	0	0	0
6	Others	0	0	0	0
7	Geothermal	0	0	0	0
8	Biomass	0	0	0	0
9	Bio-fuel cogeneration	0	0	0	0
	Total	875	5	1750	5

RECs Issued (01.06.2025-30.06.2025)

Sr.No.	Non Solar	Solar	Total
1	4678499	146641	4825140

Redemption of REC (01.06.2025-30.06.2025)

Sr.No.	Non Solar	Solar	Total
1	5539979	53978	5593957

**19. INFORMATION ABOUT RENEWABLE ENERGY
CERTIFICATE MECHANISM**

MONTH : JUNE 2025

RE Source & Unit wise break up (Apr'25-Mar'26)

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	278	4	17	8
2	Urban or Municipal Waste	0	0	0	0
3	Solar Thermal	0	0	0	0
4	Solar PV	1246	6	2963	9
5	Small Hydro	0	0	14	1
6	Others	0	0	0	0
7	Geothermal	0	0	0	0
8	Biomass	0	0	0	0
9	Bio-fuel cogeneration	0	0	0	0
	Total	1524	10	2994	18

RECs Issued (Apr'25-Mar'26)

Sr.No.	Non Solar	Solar	Total
1	7313521	311845	7625366

Redemption of REC (Apr'25-Mar'26)

Sr.No.	Non Solar	Solar	Total
1	8449025	119936	8568961

**19. INFORMATION ABOUT RENEWABLE ENERGY
CERTIFICATE MECHANISM**

MONTH : JUNE 2025

RE Source & Unit wise break up Since Inception to Apr'25

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	3623	546	3164	539
2	Urban or Municipal Waste	12	1	12	1
3	Solar Thermal	0	0	0	0
4	Solar PV	6763	577	5675	509
5	Small Hydro	883	44	895	46
6	Others	4	2	3	1
7	Geothermal	0	0	0	0
8	Biomass	402	37	378	35
9	Bio-fuel cogeneration	823	91	383	55
	Total	12510	1298	10510	1186

RECs Issued since Inception to Apr'25

Sr.No.	Non Solar	Solar	Total
1	163257601	15060683	178318284

Redemption of REC since Inception to Apr'25

Sr.No.	Non Solar	Solar	Total
1	116468801	13126752	129595553

REC Closing balance as on 30.06.2025

Sr.No.	Non Solar	Solar	Total
1	34461222	1552666	36013888

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

Sl No.	Category of Grid Event (GI for 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	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	GI-2	Delhi	01-06-2025 16:34	01-06-2025 19:22	02:48	0	75	0.000	0.125	49325	59982	i) 400/220KV Bannauli Sub-station has one and half breaker scheme in 400KV and double main & transfer bus system in 220KV voltage level. The 220KV system is divided into 2 sections consisting of 220KV Bus-A, 220KV Bus-B, 220KV Bus-C and 220KV Bus-D connected by a 220KV Bus Sectionalizer. ii) During antecedent condition, 400/220 KV 500 MVA ICT 2 & 3 and 400/220 KV 315 MVA ICT 4 were loaded 97MW each. 220KV Bannauli - DIAL Ckt2, 220KV Dwarka-3 Bus-A, 400/220 KV 500 MVA ICT 2 & 3, 220KV Dial - Bannauli Ckt 1, 220KV Bus Section 1 and 220KV Bus Coupler tripped. DR/EL yet to be shared. iii) As reported, at 16:34 hrs, 220KV Bus-A tripped on Bus Bar protection due to Y phase to earth fault. The fault current was appx. 9KA. Following the tripping of 220KV Bus-A, 400/220 KV 500 MVA ICT 2 & 3, 220KV Dial - Bannauli Ckt 1, 220KV Bus Section 1 and 220KV Bus Coupler tripped. DR/EL yet to be shared. iv) Again at 16:37 hrs, 220KV Bannauli-Pappankalan Ckt-2 tripped due to B-N phase to earth fault. The fault current was 17KA and fault distance is 607 mtrs from Bannauli end. At the same time, 400/220 KV 315 MVA ICT 4 caught fire on internal fault and tripped. DR/EL yet to be shared. v) As per PMU at Bannauli(DTL), YN fault occurred at 16:34 and B-N fault was observed at 16:38 hrs. vi) As per SCADA, change in demand of appx 75MW observed in Delhi control area is observed.	i) 220KV Bus-A at Bannauli ii) 400/220 KV 500 MVA ICT 3 AT Bannauli iii) 220KV Bannauli- DIAL (DTL) Ckt 1 iv) 400/220 KV 500 MVA ICT 2 AT Bannauli v) 220KV Bannauli- Pappankalan (DTL) Ckt 2 vi) 400/220 KV 315 MVA ICT 4 AT Bannauli		
2	GI-2	Himachal Pradesh	01-06-2025 14:27	01-06-2025 15:49	01:22	43	0	0.077	0.000	56186	65028	i) 400KV Sorang sub-station has double main Bus system. The power is evacuated through 400 KV WANGTO_GIS(HP)-SORANG(GREENKO) (GREENKO) CKT-1 and 400 KV KALA AMB-SORANG(GREENKO) (GREENKO) CKT-1. It has 2X50MW Generating units. ii) During antecedent condition, Sorang(HEP) was generating 43 MW of load Gen1(22MW) and Gen2(21MW). 400 KV WANGTO_GIS(HP)-SORANG(GREENKO) (GREENKO) CKT-1 and 400 KV KALA AMB-SORANG(GREENKO) (GREENKO) CKT-1 were loaded 331MW and 369MW each. iii) As reported, at 14:27 hrs, 400 KV WANGTO_GIS(HP)-SORANG(GREENKO) (GREENKO) CKT-1 tripped on Y-B phase to phase fault. Tripping details along with DR/EL are yet to be. iv) At the same time 50 MW SORANG - UNIT 1 and Unit-2 tripped. Tripping details along with DR/EL yet to be shared. v) As per PMU , Y-B phase to phase fault was observed along with fault clearance time of 10msec. vi) As per SCADA, Generation loss of 43MW at 400KV Sorang HEP is observed.	i) 80 MW SORANG - UNIT 1 ii) 50 MW SORANG - UNIT 2 iii) 400 KV WANGTO_GIS(HP)-SORANG(GREENKO) (GREENKO) CKT-1		
3	GD-1	UP and Uttarakhand	31-05-2025 20:24	31-05-2025 20:42		38	533	0.080	0.818	47565	65173	i) Total generated power of Tanakpur evacuates through 220 KV Tanakpur (NH)-CBGanj(UP) (PG) Ckt-1, 220 KV Tanakpur(NH)-Sitarganj(PG) (PG) Ckt-1 and 132 KV Mahendra Nagar (PG)-Tanakpur(NH) (PG) Ckt-1. During the antecedent condition, 3X40 MW Tanakpur was generating 46MW. 400/220KV Bareilly(UP) has double main and transfer bus-scheme in both 400KV and 220KV system. 315MVA, 400/220KV ICT 2 was in shutdown condition. The 315MVA, 400/220KV ICT 1 and 3, were loaded 311MW and 315 MW respectively. ii) As reported, at 20:24 hrs, an attempt was made to charge 315MVA, 400/220KV ICT 2. After ~15 sec of ICT charging, 220KV Bus-Bar Zone 2 (Y-ph differential) protection operated. As per PMU, there was no fault in system during bus bar operation. Exact reason of bus bar protection yet to be received. iii) Subsequently 220KV lines to Pantnagar, CB Ganj-II, Dohna-II, Pilibhit-II and ICT-3 tripped due to 220KV Bus-Bar II protection operation at Bareilly. At the same time, 315MVA, 400/220KV ICT 1 was hand-tripped for equipment safety. iv) As per PMU at Bareilly(PG), Y-T phase to phase fault was observed with delayed fault clearance of 440msec. As reported, 220KV Bareilly-Faridpur line tripped on fault occurred due to snapping of line side jumper (after CT). v) After tripping of ICTs at 400/220 KV Bareilly (UP), line loading of 220KV CB Ganj-Sitarganj ckt reached up to the level of 270MW, it leads to voltage oscillation/ fluctuation in the Tanakpur-Sitarganj-Cbganji complex. Voltage fluctuation was in the range of 125KV to 218KV on 220KV bus voltage and at the same time, two units at Tanakpur HEP (Unit-1 and Unit-2) also tripped. As a result, 533 MW load loss was observed in UP and approx. 38 MW of generation loss was observed in Tanakpur HEP. At 20:42 hrs, 315MVA, 400/220KV ICT 1 was revived. vi) As reported at 20:51 hrs, 315MVA, 400/220KV ICT 1 loading increase to 347MW. As a result, the ICT tripped on Overcurrent protection. This again led to voltage fluctuations in the Tanakpur-Sitarganj-CBGanji complex as a result 220 KV Tanakpur (NH)-CBGanj(UP) (PG) Ckt-1, 220 KV Tanakpur(NH)-Sitarganj(PG) (PG) Ckt-1 and 132 KV Mahendra Nagar (PG)-Tanakpur(NH) (PG) Ckt-1 (Affected the power supply to Nepal) tripped simultaneously, which further led to 138 MW load loss in UP and approx. 31 MW of generation loss in Tanakpur HEP (Unit-3 tripped, Unit-1 and Unit-2 were already out). This led to complete blackout of Tanakpur HEP. vii) As per PMU at Bareilly(PG), Y-T phase to phase fault was observed at 20:24hrs with delayed fault clearance of 440msec. viii) As per SCADA, approx. 533MW load loss was observed in UP and approx. 38 MW of generation loss was observed at Tanakpur HEP. ix) At 20:51 Hrs, as per SCADA approx. 138MW load loss was observed in UP and approx. 31 MW of generation loss was observed at Tanakpur HEP.	i) 400/220 KV 315 MVA ICT 3 at Bareilly (UP) ii) 400/220 KV 315 MVA ICT 1 at Bareilly (UP) iii) 31.42 MW Tanakpur HPS - UNIT 1 iv) 31.42 MW Tanakpur HPS - UNIT 2 v) 220KV Bareilly(UP) - Pant Nagar vi) 220KV Bareilly(UP) - Pilibhit Ckt-1 vii) 220KV Bareilly(UP) - Pilibhit Ckt-2 viii) 220KV Bareilly(UP) - Dohna Ckt-2 ix) 220KV Bus-1 at Bareilly (UP) x) 220KV Bareilly - Faridpur Ckt xi) 400/220 KV 315 MVA ICT 1 at Bareilly (UP) xii) 220 KV Bus-2 at Bareilly(UP) xiii) 220KV Bareilly(UP) - Dohna Ckt-1 xiv) 220KV Bareilly(UP) - CB Ganj2 Ckt-1 xv) 32 KV Mahendra Naagar (PG)-Tanakpur(NH)		
4	GI-2	Delhi	01-06-2025 16:34	01-06-2025 19:22		0	75	0.000	0.125	49325	59982	i) 400/220KV Bannauli Sub-station has one and half breaker scheme in 400KV and double main & transfer bus system in 220KV voltage level. The 220KV system is divided into 2 sections consisting of 220KV Bus-A, 220KV Bus-B, 220KV Bus-C and 220KV Bus-D connected by a 220KV Bus Sectionalizer. ii) During antecedent condition, 400/220 KV 500 MVA ICT 2 & 3 and 400/220 KV 315 MVA ICT 4 were loaded 97MW each. 220KV Bannauli - DIAL Ckt2, 220KV Dwarka-3 Bus-A, 400/220 KV 500 MVA ICT 2 & 3, 220KV Dial - Bannauli Ckt 1, 220KV Bus Section 1 and 220KV Bus Coupler tripped. DR/EL yet to be shared. iii) As reported, at 16:34 hrs, 220KV Bus-A tripped on Bus Bar protection due to Y phase to earth fault. The fault current was appx. 9KA. Following the tripping of 220KV Bus-A, 400/220 KV 500 MVA ICT 2 & 3, 220KV Dial - Bannauli Ckt 1, 220KV Bus Section 1 and 220KV Bus Coupler tripped. DR/EL yet to be shared. iv) Again at 16:37 hrs, 220KV Bannauli-Pappankalan Ckt-2 tripped due to B-N phase to earth fault. The fault current was 17KA and fault distance is 607 mtrs from Bannauli end. At the same time, 400/220 KV 315 MVA ICT 4 caught fire on internal fault and tripped. DR/EL yet to be shared. v) As per PMU at Bannauli(DTL), YN fault occurred at 16:34 and B-N fault was observed at 16:38 hrs. vi) As per SCADA, change in demand of appx 75MW observed in Delhi control area is observed.	i) 220KV Bus-A at Bannauli ii) 400/220 KV 500 MVA ICT 3 AT Bannauli iii) 220KV Bannauli- DIAL (DTL) Ckt 1 iv) 400/220 KV 500 MVA ICT 2 AT Bannauli v) 220KV Bannauli- Pappankalan (DTL) Ckt 2 vi) 400/220 KV 315 MVA ICT 4 AT Bannauli		
5	GI-2	Uttar Pradesh	04-06-2025 02:05	04-06-2025 06:57		0	220	0.000	0.370	45043	59416	i) During antecedent condition, 800KV HVDC Agra-BNC was carrying total 800MW power from APD and BNC to Agra (Pole-1=191MW, Pole-2=194MW, Pole-3=192MW & Pole-4= 195MW). Power flow from BNC (P1+P2) was 500MW & from APD (P3+P4) was 300MW. ii) As reported, at 02:05 hrs, 800 KV HVDC Agra (PG) Pole-01 and Pole 3 tripped. iii) As per details received from POWERGRID sequence of event was as follows: a. At 02:05:41 hrs, HVDC Pole-3 at Agra (S3) initiated a protective Z-Block along with the activation of the Bipole Pair Operation (BPOO). Following this event, HVDC Pole-1 at BNC and Pole-3 at APD tripped sequentially due to DC link protection operations. b. At 02:05:44 hrs, a protective Z-Block command was issued, leading to the tripping of HVDC Pole-1 at BNC and Pole-3 at APD on a "DC Protection Trip." Subsequently, at 02:38:20, Pole-1 at Agra was manually blocked. At 22:50:25:229 hrs, Pole 2 was blocked from Champa end due to subsequent DC line fault. c. Due to tripping of both Pole-1 and Pole-3, 800KV Agra - BNC Ckt1 also tripped. However the power order remained the same as Pole-2 and Pole-4 remained in service. iv) The power order reduced from total ~2450MW to ~1300MW. Pole-1 = 657MW and Pole-3=660MW. v) As per PMU at Agra(PG), B-N phase to earth fault was observed with fault clearing time of 120msec was observed. vi) As per SCADA, 220MW change in load was observed in SLDC UP control area. vii) PowerGrid carried out OUT on 800KV Agra - BNC from Pole-3 at Agra to BNC upto 800KV and Pole was charged at 06:57 hrs.	i) 800 KV HVDC Agra (PG) Pole-01 ii) 800 KV HVDC Agra (PG) Pole-03		

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

Sl No.	Category of Grid Event (GI for 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	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	GI-1	Punjab	07-06-2025 17:20	07-06-2025 17:52		0	430	0.000	0.578	59485	74401	i) 400/220KV Amritsar(PG) has one and half breaker scheme at 400KV side and double main and transfer bus arrangement at 220KV side. ii) As informed by PGCL, towers of 220 KV Amritsar(PG)-Naraingarh(PS) (PSTCL) Ckt-1 and 220 KV Amritsar(PG)-Khasa(PS) (PSTCL) Ckt-2 are located in close proximity. iii) As reported, at 17:20 hrs, Y-ph jumper of 220 KV Amritsar(PG)-Naraingarh(PS) (PSTCL) Ckt-1 snapped and touched R-ph jumper of 220 KV Amritsar(PG)-Khasa(PS) (PSTCL) Ckt-2. Fault current in 220 KV Amritsar(PG)-Naraingarh(PS) (PSTCL) Ckt-1 was ~36kA from Amritsar(PG) end. iv) Due to this high current, earth wire of 220 KV Amritsar(PG)-Khasa(PS) (PSTCL) Ckt-2 also snapped as earth wires at tower peak were connected. v) This resulted in Y-N and R-N fault respectively in both the lines (exact nature and location of fault yet to be shared). vi) During the same time, 220 KV Amritsar(PG)-Verpal(PS) (PSTCL) Ckt-1 also tripped from Verpal(PS) end only (exact reason of tripping yet to be shared). vii) As per PMU at Amritsar(PG), Y-N phase to earth fault followed by R-N phase to earth fault with fault clearing time of 120ms is observed. viii) As per SCADA, load loss of approx. 430 MW is observed in Punjab Control area.		i) 220 KV Amritsar(PG)-Naraingarh(PS) (PSTCL) Ckt-1 ii) 220 KV Amritsar(PG)-Khasa(PS) (PSTCL) Ckt-2 iii) 220 KV Amritsar(PG)-Verpal(PS) (PSTCL) Ckt-1	
7	GI-2	Haryana	09-06-2025 12:22	09-06-2025 12:53		0	0	0.000	0.000	70986	82622	i) During antecedent condition, 800KV HVDC Champa-Kurukshetra was carrying total 4538MW power from Champa to Kurukshetra (Pole-1=1515MW, Pole-2=0MW, Pole-3=1526MW & Pole-4= 1497MW) . 800 KV HVDC Kurukshetra (PG) Pole-04 was in shutdown condition. ii) As reported, at 12:20:49:679 hrs, 800 KV HVDC Kurukshetra (PG) Pole- 4 tripped due to Differential Protection operation of YY – B phase. iii) As a result of the tripping, the power flow shifted to 3000 MW, with Pole-1 carrying 1526 MW and Pole-3 carrying 1523 MW. iv) At 12:22:03:848, Pole-3 was blocked from Champa end due to power oscillations, which led to system instability. As a result, the rectifier instability protection operated at Champa, and both Pole-3 and Pole-1 were blocked from the Champa end and subsequently tripped in Kurukshetra end also. v) The power order reduced from total ~3000MW to ~0MW. Pole-1 was revived at 12:53 hrs. vi) As per PMU at Kurukshetra(PG), fluctuation in voltage was observed. vii) As per SCADA, Appx. 770 MW change in demand was observed in Northern region while appx 580MW change in demand was observed in Rajasthan control area (as per SCADA). However, no tripping of transmission elements below 220KV level was reported. viii) PowerGrid reported that during site inspection, it was found that differential current above the set threshold appeared only in the Main 2 differential relay while Main 1 relay currents were normal. Remedial Action: PowerGrid replaced the faulty card in Main 2 relay.		i) 800 KV HVDC Kurukshetra (PG) Pole-04 ii) 800 KV HVDC Kurukshetra (PG) Pole-03 iii) 800 KV HVDC Kurukshetra (PG) Pole-01	
8	GD-1	Rajasthan	09-06-2025 12:41	09-06-2025 13:05	358	0	0.498	0.000	71868	82816	i) Generation of 220KV Nokhra (IP) stations evacuate through 220 KV Nokhra SL_BHD2 (NTPC)-Bhadla_2 (PG) (NTPC_NOKHRA) Ckt. ii) During antecedent condition, 220KV Nokhra (IP) was generating approx. 212 MW (as per PMU). iii) As reported, at 12:41hrs, 220 KV Nokhra SL_BHD2 (NTPC)-Bhadla_2 (PG) (NTPC_NOKHRA) Ckt tripped on overvoltage protection. iv) During the same time, 220/33 KV 100 MVA I CT, 2 and 3 at Nokhra SL_BHD2 (NTPC) also tripped due to lack of evacuation path. v) The overvoltage setting received from Nokhra end shows that Stage-1 overvoltage protection will operate after 5 sec and phase – phase voltage above 132KV. And stage-2 overvoltage protection will operate after 100 msec and phase – phase voltage above 154KV. vi) However, as per PMU, the Overvoltage protection operated at a voltage below 154KV and instantaneously. vii) As per PMU at 220KV Nokhra(NTPC), no fault was observed. viii) As per PMU, solar generation of loss approx. 358 MW in Rajasthan control area with 212MW in Nokhra(NTPC) were observed.		i) 220 KV Nokhra SL_BHD2 (NTPC)-Bhadla_2 (PG) (NTPC_NOKHRA) Ckt ii) 220/33 KV 100 MVA I CT 1 at Nokhra SL_BHD2 (NTPC) iii) 220/33 KV 100 MVA I CT 2 at Nokhra SL_BHD2 (NTPC) iv) 220/33 KV 100 MVA I CT 3 at Nokhra SL_BHD2 (NTPC)		
9	GD-1	Haryana	10-06-2025 00:20	10-06-2025 00:55		0	970	0.000	1.141	60648	84977	i) 220/132KV Kaithal(HR) has double main bus scheme. ii) As reported, at 00:20 hrs, all the elements connected at 220/132KV Kaithal(HR) tripped. 220KV lines tripped from remote end. iii) As per PMU at Kaithal(PG), B-N phase to earth fault followed by Y-B fault with delayed clearing of 560msec is observed. iv) It is suspected that due to non clearance of fault from Kaithal(HR), all the 220KV lines tripped from remote end in Z-2. v) As per SCADA, drop in Haryana demand of ~970 MW is observed out of which ~670 MW recovered within 05 minutes and complete load recovered within ~15 minutes. Reason of load drop yet to be received from SLDC-Haryana.		i) 220KV Kaithal(PG)-Kaithal(HR) (HR) Line-1 ii) 220KV Kaithal(PG)-Kaithal(HR) (HR) Line-2 iii) 220KV Kaithal-Nising Line-1 iv) 220KV Kaithal-Nising Line-2 v) 220KV Kaithal-Phowa Line-1 vi) 220KV Kaithal-Phowa Line-2	
10	GI-1	Uttarakhand	10-06-2025 15:21	10-06-2025 15:40		0	180	0.000	0.211	75917	85160	i) 220/132KV Rishikesh has double main and transfer bus arrangement at in 220KV and 132KV side. ii) At 15:14 hrs, a heavy spark was noticed at the Y-phase jaw of the 220 KV side 'A' Bus isolator of 160 MVA ICT-I. At that time, each transformer was carrying around 400 A of load. As a precaution, all 33 KV feeders were manually opened, relieving about 33 MW per transformer, and SLDC Uttarakhand reduced another 20 MW. iii) As reported, at 15:20 hrs, 160MVA, 220/132KV ICT-1 was hand tripped due to continued sparking on ICT 1st 220 KV side jaw of "Y" phase "A" Bus isolator. iv) At 15:21 hrs, 160MVA, 220/132KV ICT-2 at Rishikesh tripped on Directional O/C & E/F Protection operation due to overload. Because of tripping of both 220/132KV (ICTs), all the 132KV transmission elements tripped due to supply failure. v) However, all the transmission elements connected in 220KV level remained in service and no tripping was observed. vi) As per PMU at Roorkee(PG), no fault is observed. vii) As per SCADA, load loss of approx. 180 MW in Uttarakhand Control area (as SCADA). Uttarakhand SLDC has reported load loss of 252MW.		i) 160MVA, 220/132KV ICT-1 at Rishikesh ii) 160MVA, 220/132KV ICT-2 at Rishikesh iii) 10 MVA, 132/33 KV, ICT-1 at Rishikesh iv) 10 MVA, 132/33 KV, ICT-2 at Rishikesh v) 10 MVA, 132/33 KV, ICT-3 at Rishikesh vi) 132KV Rishikesh-Latapper Ckt vii) 132KV Rishikesh-Bindal Ckt viii) 132KV Rishikesh-Jwalaipur Ckt ix) 132KV Rishikesh-Bhopatwala Ckt	
11	GD-1	Uttar Pradesh	11-06-2025 08:40	11-06-2025 09:45		0	97	0.000	0.129	65704	75193	i) 220/132KV Jahangirabad has double main bus arrangement at 220KV and 132KV side. 220KV Bus-2 was already in shutdown. ii) During the antecedent condition, 220 KV Jahangirabad - Harduaganj Ckt, 220 KV Jahangirabad - Rookhi Ckt and 220 KV Jahangirabad - Khurja Ckt were carrying 87MW, 39MW and 9MW of load respectively. iii) As reported, at 08:40 hrs, 220/132KV 160 MVA ICT-1 at Jahangirabad (UP) tripped due to B phase differential protection. SLDC UP, reported that B- Phase CT on the 220KV side got damaged. iv) Since the fault wasn't cleared from 220KV side, 220KV Bus Bar Zone-1 operated. This resulted in complete tripping of 220KV Bus-1 and all the transmission elements connected to it. v) Following this, all elements connected in the 132KV side tripped (exact tripping details yet to be shared). vi) As per PMU at Aligarh(PG), B-N followed by Y-B phase to phase fault with delay clearing of 280ms is observed. vii) As per SCADA, load loss of approx. 97 MW is observed in Uttar Pradesh Control area.		i) 220/132KV 160 MVA T/F-I at Jahangirabad ii) 220/132KV 160 MVA T/F-II at Jahangirabad iii) 220 KV Jahangirabad - Harduaganj Ckt iv) 220 KV Jahangirabad - Rookhi Ckt v) 220 KV Jahangirabad - Khurja Ckt	
12	GI-2	Uttar Pradesh	11-06-2025 10:30	11-06-2025 10:49		0	530	0.000	0.641	74482	82638	i) 400/220/132KV Sultanpur has double main and transfer bus arrangement at in 400KV, 220KV and 132KV side. 400/220KV ICT 2 was under shutdown. ii) As reported, at 10:30 hrs, 400/220 KV 315 MVA ICT-3 at Sultanpur (UP) tripped due to B phase fault in the 220KV side Current Transformer of the ICT only (exact reason of tripping yet to be shared). iii) Since the fault wasn't cleared from 220KV side, 220KV Bus Bar Zone-1 and Zone-2 operated. This resulted in complete tripping of both the 220KV Buses and all the transmission elements connected to it. iv) However, no other fault was observed at 400KV and 132KV level. v) As per PMU at Sultanpur(UP), B-N phase to earth fault with fault clearing time of 120ms is observed. vi) As per SCADA, load loss of approx. 530 MW is observed in Uttar Pradesh Control area.		i) 400/220 KV 315 MVA ICT-3 at Sultanpur (UP) ii) 200 MVA T/F-2 @220KV SULTANPUR iii) 160 MVA T/F-3 @220 KV SULTANPUR iv) 220 KV Sultanpur-Amethi Ckt v) 220 KV Sultanpur-Sangpur Ckt vi) 220 KV Sultanpur-New tanda Ckt vii) 220 KV Sultanpur-Tanda Ckt viii) 220 KV Sultanpur-Pratapgarh Ckt ix) 220 KV Sultanpur-sohawal	

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

Sl No.	Category of Grid Event (GI for 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	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)	
13	GI-2	Rajasthan	12-06-2025 13:34	12-06-2025 17:16		1636	0	2.145	0.000	76263	89053	i) 400/220kV Jaisalmer(RS) has one and half breaker scheme at 400kV level and double main and transfer bus scheme at 220kV level. ii) As reported, at 13:34 hrs, 400 KV AKAL-JAISALMER (RS) CKT-1 tripped due to Y-B phase to phase fault. Z-1 distance protection operated. Fault Distance is 15.9KM from Akal end. Fault Current is Iy = 6.74KA and Ib= 7.98KA. iii) At the same time, 1636MW solar generation in Rajasthan RE complex dropped. The cause is suspected to be LVRT non-compliance. iv) As per PMU at Jaisalmer(RS), Y-B phase to phase fault is observed with fault clearance time upto 120msec. v) During this event, as per SCADA, 1636MW dip in generation was observed in NR solar generation and 96% of the generation recovered in 3 minutes vi) As per SCADA, no change in demand is observed in Rajasthan control area.		400 KV AKAL-JAISALMER (RS) CKT-1
14	GI-1	Rajasthan	13-06-2025 12:54	13-06-2025 14:28		0	550	0.000	0.617	76144	89195	i) 400/220kV Bhiwani(PG) has one and half breaker scheme in 400kV levels. While 220kV has double main and transfer bus scheme. ii) During the antecedent condition, 220 KV BASSI(PG)-KUNDA KI DHANI(RS) (RS) CKT-1 and 220 KV BASSI(PG)-KUKAS(RS) (RS) CKT-1 were carrying 186MW and 216MW load respectively. iii) As reported, at 12:54 hrs, 220 KV BASSI(PG)-KUNDA KI DHANI(RS) (RS) CKT-1 tripped on B-N phase to earth fault. Z-1 distance protection operated, fault current was Ib = 5.2KA. Auto Reclosure wasn't successful. iv) Again at 12:59 hrs, 220 KV BASSI(PG)-KUKAS(RS) (RS) CKT-1 tripped on overloading. As per DR of Kukas, Y-B phase to phase fault was observed. Powe Swing Block protection operated. Fault current ly= 3.64KA, Ib = 4.5KA. The loading of 220 KV BASSI(PG)-KUKAS(RS) (RS) CKT-1 increased to 328 MW before tripping. Details of Bassi end not received yet. v) As per PMU at Bassi (PG), B- N phase to earth at 12:54hrs and Y-B phase to phase fault at 12:59 hrs. Delayed fault clearance of 240msec was observed in 220 KV BASSI(PG)-KUNDA KI DHANI(RS) (RS) CKT-1 at 12:54hrs. vi) As per SCADA, load loss of approx. 550 MW in Rajasthan Control area.		i) 220 KV BASSI(PG)-KUNDA KI DHANI(RS) (RS) CKT-1 ii) 220 KV BASSI(PG)-KUKAS(RS) (RS) CKT-1
15	GI-2	Haryana	13-06-2025 15:27	13-06-2025 22:10		0	240	0.000	0.278	72791	86247	i) 765/400/220kV Bhiwani(PG) has one and half breaker scheme in 765kV and 400kV levels. While 220kV has double main and transfer bus scheme. ii) As reported, at 15:27 hrs, 220 KV Bhiwani(PG)-Bhiwani (HV) (HVPNL) Ckt-1 tripped on B-N phase to earth fault. Z-1 distance protection operated, fault distance was 2.4 KM and fault current was 13.6ka from Bhiwani(HV) end. From Bhiwani(PG) end, Z-2 distance protection operated. Fault Current Ib= 8.2KA and fault distance is 16.29KM. iii) Again at 15:30 hrs, 400 KV Babai (RS)-Bhiwani(PG) (NRSS36) Ckt-1 & Ckt-2 and 400 KV Mahendergarh(APL)-Bhiwani (PG) (ATIL) Ckt-1 & Ckt-2 tripped. As per DR Of 400 KV Babai(RS)(end)-Bhiwani(PG) (NRSS36) Ckt-1, Y-B phase to phase, Z-2 distance protection operated. Fault Current ly = 1.62KA, Ib = 1.71KA. Auto Reclosure was blocked due to permanent nature of the fault. iv) It was reported that due to severe thunderstorm, 02 Nos of Towers of 400 KV D/C Babai-Bhiwani lines collapsed at TL No. - 300 (DD+30) & TL No. - 303 (DD+30), consequently both lines tripped on distance protection. v) 400 KV Mahendergarh(APL)-Bhiwani (PG) (ATIL) Ckt-1 & Ckt-2 tripped due to tower damage at location number 135 and 136. Further tripping details awaited. vi) As reported at 15:38 hrs, 220 KV Bhiwani(PG)-Bhiwani (HV) (HVPNL) Ckt-2 tripped on R-N phase to earth fault. As per DR of Bhiwani(HV), Z-1 distance protection operated, and fault distance was 8.09KM from Bhiwani(PG). From Bhiwani(PG), Z-2, Iy = 9.73KA and fault distance is 11.92KM. vii) As per PMU at Bhiwani(PG), B- N phase to earth fault at 15:27 hrs, Multiple phase to phase and phase to earth fault at 15:30 hrs and R-N phase to earth fault at 15:40 hrs viii) As per SCADA, load loss of approx. 240 MW is observed in Haryana Control area.		i) 220 KV Bhiwani(PG)-Bhiwani (HV) (HVPNL) Ckt-1 ii) 400 KV Babai (RS)-Bhiwani (PG) (NRSS36) Ckt-2 iii) 400 KV Babai (RS)-Bhiwani (PG) (NRSS36) Ckt-1 iv) 400 KV Mahendergarh(APL)-Bhiwani(PG) (ATIL) Ckt-1 v) 400 KV Mahendergarh(APL)-Bhiwani(PG) (ATIL) Ckt-2 vi) 220 KV Bhiwani(PG)-Bhiwani (HV) (HVPNL) Ckt-2
16	GD-1	Delhi	15-06-2025 03:48	15-06-2025 04:48		0	640	0.000	0.805	56065	79507	i) 220kV Maharanibagh(DTL) is basically 220kV side of 400/220kV Maharanibagh(PG) station and has double main bus scheme. 220/66kV Pragati(DTL) also has double main bus scheme. ii) During antecedent condition, 220kV Maharanibagh-Gazipur (DTL) D/C was feeding load of 220/66kV Gazipur and 220/66kV Patparganj. Further 220/66kV Pragati(DTL) was having generation from Pragati(GPS) (generating ~277 MW) and feeding load of 220/66kV Pragati and 220/66kV Parkstreet. iii) As reported at 03:48 hrs, 220kV Maharanibagh-Gazipur (DTL) line-1 & 2 tripped on Y-N phase to earth fault. As per DR of Maharanibagh(PG) and DR of the line (Maharanibagh end), Y-N phase to earth fault with fault current of ~6.6KA and cleared with the delay of ~200msec is observed with no A/R operation. Exact location of fault, reason of delayed clearance and reason of tripping of both the lines is received from DTL. iv) With the tripping of 220kV Maharanibagh-Gazipur (DTL) line-1 & 2, load of 220/66kV Gazipur(DTL) and 220/66kV Patparganj(DTL) affected. v) Further at 03:52 hrs, 220kV Maharanibagh-Delhi (DTL) line-1 & 2 tripped on Y-N phase to earth fault. As per DR of Pragati(GPS) and DR of Parkstreet(DTL) load of 220kV Bus 1 & 2 at 220/66kV Pragati(DTL). As per PMU, Y-N phase to earth fault cleared within 120msec is observed. As per DR of Y-N ph bus bar differential at 220kV Pragati(DTL), Z-1 bus bar protection followed by Z-2 bus bar protection operated. vi) Due to tripping of all the elements at 220/66kV Pragati(DTL), load of 220/66kV Park Street(DTL) and 220/66kV Pragati(DTL) affected. Approx. 277 MW generation of Pragati GPS also lost due to loss of evacuation path. vii) Further at 03:55 hrs, 220kV Maharanibagh-Lodhi Road (DTL) line-2 tripped on B-N fault. As per DR and PMU, B-N fault in Z-1, Ib=17.4KA with no A/R operation and cleared within 100msec is observed. viii) As reported by SLDC-Delhi, due to tripping of aforementioned elements, load loss of approx. 640 MW occurred in Delhi control area. Complete details of the load affected during the event are attached in Annexure. ix) As per SCADA, change in demand of approx. 700MW in Delhi control area and loss in generation of ~277 MW at Pragati GPS is observed. x) As reported, restoration started from 04:48 hrs and completed by 06:04 hrs.		i) 220kV Maharanibagh-Gazipur (DTL) line-1 ii) 220kV Maharanibagh-Gazipur (DTL) line-2 iii) 220kV Maharanibagh-Pragati (DTL) line-1 iv) 220kV Maharanibagh-Pragati (DTL) line-2 v) 220kV Pragati-IPCO (DTL) line-1 vi) 220kV Pragati-IPCO (DTL) line-2 vii) 220kV Pragati-Park Street (DTL) line-1 viii) 220kV Pragati-Park Street (DTL) line-2 ix) 220kV Pragati-Park Street (DTL) line-3 x) 220kV Pragati-Park Street (DTL) line-4 xi) 220kV Pragati-Substation (DTL) line-1 xii) 220kV Pragati-Substation (DTL) line-2 xiii) 220kV MV 400 MVA (CT-2) at Pragati(DTL) xiv) 220kV MV GT-1 at Pragati GPS xv) 220kV MV GT-2 at Pragati GPS xvi) 220kV MV STG-1 at Pragati GPS xvii) 220kV Maharanibagh-Lodhi Road (DTL) line-2
17	GD-1	Himachal Pradesh	17-06-2025 17:09	17-06-2025 23:35		194	0	0.356	0.000	54503	66272	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(PI) were generating approx. 194MW. 220kV Phozal-Nallagarh line was already tripped at 15:26 hrs due to snapping of jumper of R-phase conductor at tower location no. 178. Generation of AD Hydro was evacuating through 220kV AD Hydro-Nallagarh line only. iii) As reported at 17:09 hrs, 220 KV AD Hydro(AD)-Nallagarh(PG) (ADHPL) Ckt tripped due to B-N phase to earth fault followed by R-Y phase to phase fault. iv) As per DR of AD Hydro end, B-N fault (1.9KA) was sensed in Z-2(63.8km) and A/R started. However further after ~600msec, Y-B fault observed with fault current of ~1.5KA and A/R went under lockout and subsequently 3-ph tripping occurred. v) At the same time, 96 MW Unit-1 and Unit-2 at AD Hydro HEP (generating ~194MW) also tripped due to loss of evacuation path. vi) As per SCADA plot of AD Hydro HEP generation, loss of ~194 MW is observed and as per SCADA plot of HP demand, no change in HP demand is observed during the event time. vii) Line patrolling was done by AD Hydro for both the lines. No fault was found for 220 KV AD HYDRO (AD)-NALLAGARH (PG) (ADHPL) CKT-1 and while rectification work of 220 KV Phozal(HP)-Nallagarh(PG) (ADHPL) were conducted at site and line was charged in 23:28 hrs		1) 220 KV AD Hydro(AD)-Nallagarh(PG) (ADHPL) Ckt 2) 96 MW Unit-1 at AD Hydro HEP 3) 96 MW Unit-2 at AD Hydro HEP
18	GD-1	Delhi	20-06-2025 11:39	20-06-2025 12:46		0	271	0.000	0.367	61604	73903	i) 220/66kV Dwarka1(DTL) has double main bus arrangement at 220kV side. 400/220kV Dwarka has one and half breaker scheme at 400kV level and double main bus scheme at 220kV level. ii) During antecedent condition, 220/66kV Dwarka1(DTL) S/S was being fed from 220kV Dwarka – Dwarka ckt-1 & 2 only which were carrying 113MW and 117 MW respectively. iii) As reported, at 11:39 hrs, 220kV Dwarka – Dwarka ckt-1 & 2 tripped and complete supply to 220/66kV Dwarka1(DTL) S/S lost. Reason of tripping of both the lines yet to be received. iv) As per PMU at Barnauli, R-N phase to earth with fault clearance time of 120msec is observed. v) As per SCADA, change in demand of approx. 271 MW in Delhi control area is observed.		1) 220kV Dwarka(400) – Dwarka1(DTL) ckt-1 2) 220kV Dwarka(400) – Dwarka1(DTL) ckt-2

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

Sl No.	Category of Grid Event (GI for 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	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)				
19	GI-1	Jammu and Kashmir	20-06-2025 23:25	21-06-2025 03:26		0	190	0.000	0.249	54249	76288	i) 220/220kV Wagoora(PG) has double main and transfer Bus arrangement at both 400KV and 220KV side. 220/132kV Pampore(J&K) has double bus scheme at 220kV level however SCADA data is not healthy there. ii) During antecedent condition, power flow from Wagoora(PG) S/s to Pampore(PDD) S/s was approx. 162 MW (81 MW each) through 220 KV Wagoora(PG)-Pampore(PDD) (PG) D/C. Load of 220/132kV Pampore(J&K) was being fed from Wagoora only. iii) As reported at 23:25 hrs, Y-phase Transformer Bushing at Pampore failed. On this fault, 220kV Wagoora(PG)-Pampore(PDD) (PG) Ckt-1 & 2 tripped from Wagoora end. iv) As per PMU at Amarghar(INDIGRID), Y-N phase to earth fault clearing time of 160ms is observed. v) As per DR of Wagoora end, distance protection relay of both the lines sensed the fault in 2-2, fault current was ~11kA in line-2 and ~8.5kA in line-1. vi) Due to tripping of both the lines, load of 220/132kV Pampore(J&K) affected. As per SCADA, change in demand of approx. 190 MW is observed in J&K control area.		1) 220 KV Wagoora(PG)-Pampore(PDD) (PG) Ckt-1 2) 220 KV Wagoora(PG)-Pampore(PDD) (PG) Ckt-2	
20	GI-1	Himachal Pradesh	21-06-2025 14:07	21-06-2025 14:22		0	190	0.000	0.247	60246	76770	i) 220/66kV Uperlanangal(HP) S/s has double main bus scheme at 220kV level. During antecedent condition, 220/66kV ICT-1 & 2 were carrying ~90 MW however SCADA data seems suspected during the event. ii) As reported, at 14:07 hrs, 220/66kV 80/100 MVA ICT-1 & 2 at Uperlanangal(HP) tripped on overcurrent protection operation. iii) ICTs rating is 100 MVA, considering 110% O/C protection setting, over current protection should operate when current > 288 A, but as per details communicated by HP video mailed dated 21.06.25, ICT tripping occurred at 273 A. Hence O/C protection setting of the 220/66kv, 100 MVA ICT-1&2 at 220KV Uperlanangal needs to be reviewed. iv) As per PMU at Nallagarh(PG), no fault in system is observed during the event. v) Due to tripping of both 220/66kV ICTs at Uperlanangal(HP), load of the stations affected. As per SCADA, change in demand of approx. 190 MW in HP control area is observed.		1) 220/66kV 80/100 MVA ICT-1 at Uperlanangal(HP) 2) 220/66kV 80/100 MVA ICT-1 at Uperlanangal(HP)	
21	GD-1	Rajasthan	24-06-2025 08:26	24-06-2025 10:27		340	0	0.629	0.000	54020	64106	i) Generation of 220 KV RSCL PSS2(IP) station evacuates through 220 KV Bhadla_2 (PG)-RSCL(PSS2)_SL_BHD2_PG (RSCL) Ckt-1. During antecedent condition, 220 KV RSCL PSS2(IP) was generating approx. 345 MW (as per SCADA). ii) As reported, at 08:26hrs, IPS A1 tube between CT & CB of tie bay 723 (B-Ph) at Fatehgarh_II end dislocated due to bad weather. iii) As per SCADA SOE, DR and PMU, the sequence of the event is as follows: a) At 08:26:41.680 hrs (as per PMU): B-N phase to earth fault occurred in 765 KV Bhadla_2 (PG)-Fatehgarh_II(PG) (PBTI) Ckt-4 with fault current of ~3.03kA from Bhadla2(PG) end (as per DR). b) A/R operated on this fault and after dead time line auto-reclosed successfully. c) At 08:26:45.680 hrs (as per PMU): Again B-N phase to earth fault occurred in 765 KV Bhadla_2 (PG)-Fatehgarh_II(PG) (PBTI) Ckt-4 with fault current of ~2.33kA (as per DR) and fault distance of 193km from Bhadla2(PG) end (as reported). d) A/R was blocked in the line as it fault was within reclaim time, 765 KV Bhadla_2 (PG)-Fatehgarh_II(PG) (PBTI) Ckt-4 tripped on this fault. e) At 08:26:45.855 hrs (as per SCADA SOE): 220 KV Bhadla_2 (PG)-RSCL(PSS2)_SL_BHD2_PG (RSCL) Ckt-1 also tripped (exact reason, nature and location of fault and details of protection operated yet to be shared). f) Due to tripping of 220 KV Bhadla_2(PG), two consecutive B-N phase to earth faults were observed with fault clearing time of 80ms each. g) As per PMU at Bhadla2(PG), dip in solar generation of approx. 340 MW was observed. Generation loss of 145 MW occurred at 220 KV RSCL PSS2(IP).		1) 765 KV Bhadla_2 (PG)-Fatehgarh_II(PG) (PBTI) Ckt-4 2) 220 KV Bhadla_2 (PG)-RSCL(PSS2)_SL_BHD2_PG (RSCL) Ckt-1	
22	GI-1	Uttarakhand	27-06-2025 05:20	27-06-2025 05:49		236	0	0.472	0.000	50006	67224	i) 220KV Khodri(UK) and 220KV Chhibro(UK) generating station have 4 generating units each of 30MW and 60MW respectively and have double main bus scheme. ii) During antecedent condition, 30 MW Unit-1, 2 & 4 at Khodri(UK) were in running condition and were generating approx. 25 MW each. Also, 60 MW Unit-1, 3 & 4 at Chhibro(UK) were in running condition and were generating approx. 40 MW, 55 MW and 56 MW respectively (as per SCADA). iii) As reported, at 05:20 hrs, R-phase LA of Unit-2 at Khodri(UK) bursted which led to LBB protection operation resulting in tripping of 220 KV Khodri(UK)-Majri(UK) (UK) Ckt-2, 220 KV Khodri - Chhibro (UK) Ckt-1, 30 MW Unit-1, 2 & 4 at Khodri(UK) and 220/132 KV 100 MVA ICT at Khodri(UK) (exact reason, location and nature of fault yet to be shared). iv) As per SCADA SOE, during the same time, 60 MW Unit-1, 3 & 4 at Chhibro(UK) also tripped (exact reason yet to be shared). v) As per PMU at Dehradun(PG), R-N phase to earth fault with fault clearing time of 120 ms was observed. vi) As per SCADA, generation loss of approx. 236 MW was observed in Uttarakhand control area.		1) 220 KV Khodri(UK)-Majri(UK) (UK) Ckt-2 2) 220 KV Khodri - Chhibro (UK) Ckt-1 3) 220/132 KV 100 MVA ICT at Khodri(UK) 4) 30 MW Unit-1 at Khodri(UK) 5) 30 MW Unit-2 at Khodri(UK) 6) 30 MW Unit-4 at Khodri(UK) 7) 60 MW Unit-1 at Chhibro(UK) 8) 60 MW Unit-3 at Chhibro(UK) 9) 60 MW Unit-4 at Chhibro(UK)	
23	GD-1	Uttarakhand	28-06-2025 21:08	28-06-2025 21:48		108	0	0.195	0.000	55461	77927	i) During antecedent condition, 33MW Unit 1, Unit-2 and Unit-3 at Singoli Bhatwari HEP was generating approx. 36MW each. Total generation of 108 MW of Singoli Bhatwari HEP was evacuating through 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-1 & 2. ii) As reported, at 21:08 hrs, 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-1 tripped on Y-N phase to ground fault with fault distance of 77km (100%) from Srinagar end (as per DR). As per DR of Srinagar(UK) end, fault current was $I = 1.55kA$; fault sensed in zone-2 and fault clearing time was ~55ms. iii) During the same time, 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-2 also tripped on Y-N phase to ground fault with fault distance of 77km (100%) from Srinagar end (as per DR). As per DR of Srinagar(UK) end, fault current was $I = 1.21kA$ and fault distance was 77.0 (100.0%) from Srinagar(UK) end; fault sensed in zone-3 and fault clearing time was ~80ms. iv) Due to tripping of both 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-1 & 2, 33MW Unit-1, Unit-2 and Unit-3 at Singoli Bhatwari HEP tripped due to loss of evacuation path and complete blackout occurred at 220 KV Singoli Bhatwari HEP. v) As per PMU at Muzaffarnagar(PG), Y-N double phase to ground fault is observed with fault clearing time of 120 ms. vi) As per SCADA, generation loss of approx. 108MW at Singoli Bhatwari HEP is observed.		1) 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-1 2) 220 KV Singoli Bhatwari (Singoli(LTUHP))-Srinagar(UK) (PTCUL) Ckt-2 3) 33MW Unit-1 at Singoli Bhatwari HEP 4) 33MW Unit-2 at Singoli Bhatwari HEP 5) 33MW Unit-3 at Singoli Bhatwari HEP	

Details of Grid Events during the Month of June 2025 in Western 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)	
1	GD-1	WR	03-06-2025 02:03	03-06-2025 02:39	00:36	1577	942	2.16%	73066	58982	GD-1 at 400 KV Balco 1. At 02:03 Hrs /03-06-2025, lighting strike on Earth wire of 220kV internal tie line of 220KV-Smelter-1-MRSDS D/C resulted in tripping of both lines on R phase differential protection due to earth wire break (probably lightning stroke) and falling on both the circuits. At the same time there was flashover (external) at R Phase 220KV Current transformer of 220KV-Smelter-1-MRSDS Ckt-1. This resulted in disturbance at internal 220kV network of BALCO and tripping of 2 more internal tie lines. 1. Tie line between 220kV MRSDS and CPP-3 (on Directional OC) 2. Tie line between 220kV MRSDS and PL1G smelter-2 (thermal over loading) Tripping of these internal tie lines resulted into internal BALCO islanding, which could not be sustained and resulted in tripping of all 4X300 MW & 4X135 MW generation UNIT and smelter plants (smelter-1 & smelter-2) of BALCO. Generation loss of 1577 MW and Load loss of 942 MW reported due to the event.	1. 220kV-Smelter-1-MRSDS D/C 2. 220kV- BALCO Feeder (220kV CPP3-MRSDS Feeder) 3. 220kV-Smelter-2-MRSDS 4. 220kV-Smelter-2-CPP3 Ckt-1 5. BALCO Unit-1 (300MW) 6. BALCO Unit-2 (300MW) 7. BALCO Unit-3 (300MW) 8. BALCO Unit-4 (300MW)		
2	GI-2	WR	05-06-2025 17:58	05-06-2025 18:45	00:47	-	-	-	79611	62813	GI-2 at 400 KV Mansar At 17:44 Hrs /05/06/2025, 400 KV Bus-1 at Mansar was taken in to service, after planned outage. At 17:57 Hrs /05-06-2025, while shifting of 400KV Bhachau (PGCL) Line from Bus-2 to Bus-1, Bus differential protection operated on 400KV Bus-1 & 2 and 400KV substation become dead. No load loss was occurred, as the 220 KV network was intact. On inspection, it was observed that 400 KV pantograph bus isolator of Main Bus-1 (Bhachau line) was not fully closed, as the contact between the dropper and the isolator was loose and not properly engaged, which was an oversight. Hence, while attempting to open the 400 KV Main Bus-2 isolator as it opened in Load condition, resulted in heavy flash over and phase to phase fault occurred. Y to B phase bus fault occurred. In DR, 20.7kA fault current is recorded in Y & B Phase.	1. Mansar 400KV bus-1 2. Mansar 400kV bus-2 3. 400/220 KV Mansar ICT-1 4. 400/220 KV Mansar ICT-2 5. 400kV-Mansar-Hadala 6. 400KV-APL-MUNDRA-MANSAR (HALVAD)-1 7. 400KV-BACHAU-MANSAR-1 8. 400kV-Mansar-Choraniya		
3	GI-2	WR	09-06-2025 16:16	09-06-2025 19:44	03:28	-	-	-	86758	68668	GI-2 at 765 kV Warora (PG) At 16:16 Hrs /09.06.2025, 765 kV Bus-1&2 tripped i.e. with all connected elements tripped at 765 kV Warora (PG) S/S. During patrolling, flashover marks were observed on both 765kV Bus#1 & Bus#2 Gantry Towers and the associated jumper of the Main Bus in WKTL Main Bus extension area (between Warangal Ckt#1 & Ckt#2). DT received at Warangal end in both circuits. Inclement weather conditions were reported at the time of event. The presence of flashover marks on the tower and jumper suggests the cause of tripping as due to jumper swing leading to flashover. It is to be noted that suspension pilot insulator has not been provided for Main Bus jumpers in this area (WKT portion). No load loss/generation loss was reported due to the event.	1.765 kV Warora-Gadarwara 1 2. 765 kV Bus-1 & Bus-2 3. 765 kV Warora Warangal Ckt#1 & Ckt#2 4. 765 kV Warora -New Parli Ckt-2		
4	GD-1	WR	09-06-2025 00:02	09-06-2025 02:03	02:01	630	-	0.77%	82213	62960	i. At 00:02 Hrs/10.06.2025, 400kV Warora-Chandrapur 2 Ckt II tripped from both ends in Z1, Bph to E fault. ii. At 00:09 Hrs, 400KV Warora-IEPL Ckt tripped from both ends due to dislocation of Rph LA at Warora end causing Rph-Yph fault. The line tripped in Z1 from Warora end & tripped on carrier received at IEPL with Z2 pick up. iii. At 00:13 hrs 220kV Warora old Ckt II got tripped from both ends in Z1, Bph-E. fault iv. At 00:25 Hrs, 400KV Warora -Tiroda Adani Ckt II, Bph line CVT jumper got dislocated and came in induction zone of Y phase causing Yph – Bph fault on 400KV Warora - Tiroda Adani Ckt II. For this fault, the line tripped at Adani end in Z2, as Bph line CVT jumper got opened, main I and main II protections at Warora end got blocked due to absence of line CVT voltage due to VT fall causing tripping of other lines at 400 kV Warora bus in reverse zone (Z4) and in Z2 from remote end. v. With tripping of 400KV-Tiroda-Warora- Ckt 1&2, APML Gen -Unit 1 also got tripped on SPS Stage-II protection due to increased loading on 765/400 KV ICT at APML end and 630 MW generation loss occurred. vi. 400/220 KV ICT-1 and 2 were hand tripped at 01:16 hrs due to which 400 kV level of Warora MH s/s becoming dark. vii. Heavy wind, Lightening & stormy weather condition were reported at Warora region at the time of event.	1. WARORA - 400KV - Bus 1 2. WARORA - 400KV - Bus 2 3. 400KV-TIRODA-WARORA-1 4. 400KV-TIRODA-WARORA-2 5. 400KV-WARORA-CHANDRAPUR-II-1 6. 400KV-WARORA-CHANDRAPUR-II-2 7. 400KV-WARORA-PG-WARORA-1 8. 400KV-IEPL-WARORA-1 9. 400/220 KV Warora ICT-1 10. 400/220 KV Warora ICT-2		
5	GI-1	WR	12-06-2025 04:33	12-06-2025 05:22	00:49	31	-	-	77598	59274	GI-1 at 400 KV Kalwa At 04:33 Hrs/12-06-2025, Y-phase Lightening Arrester(LA) of 220kV Kalwa-Pawane(TIFIL) line at Kalwa failed and jumper between D- isolator and Circuit Breaker got broken and grounded and resulted in operation of bus bar Zone-2 protection. This led to tripping of all connected transmission Elements connected to 220 KV Main Bus-2. 400/220 KV Kalwa ICT-1 & 2 tripped from 400 KV side also on inter-trip. As informed by SLDC Maharashtra, 31 MW Load loss occurred (Data Centre Load) due to LTS operation on 400/220kV ICT-2.	1. 400/220 KV ICT 1 at Kalwa 2. 400/220 KV ICT 2 at Kalwa 3. 220 KV Kalwa Bus-2 4. 220kV Kalwa-Borivali 5. 220kV Kalwa-Mulund-1 6. 220kV Kalwa-Salsette-1 7. 220kV Kalwa-Trombay 8. 220kV Kalwa-Colchem 9. 220kV Kalwa-Pauna(earlier TIFIL)		

Details of Grid Events during the Month of June 2025 in Western 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)	
6	GD-1	WR	12-06-2025 10:25	12-06-2025 11:21	00:56	95	-	0.12%	-	82230	66189	GD-1 at Guna At 10:25 Hrs/12.06.2025, a B-phase CT of the 220 kV Guna (MP) – Ashoknagar line burst, leading to the operation of busbar protection and tripping of all connected 220 kV elements, resulting in a total station blackout and a load loss of 95 MW. Additionally, the R-phase cable of the 220 kV Guna (MP) – Bina (MP) feeder was found burnt.	1. 220 KV Guna (MP) Bina (MP) 2. 220 KV Guna (MP) Asoknagar 3. 220 KV Guna (MP) Guna PGCIL (TBCB) 1 4. 220 KV Guna (MP) Guna PGCIL (TBCB) 2 5. 220 KV/132 KV Guna (MP) ICT 1 6. 220 KV/132 KV Guna (MP) ICT 2 7. 220 KV/132 KV Guna (MP) ICT 3	
7	GD-1	WR	15-06-2025 15:52	15-06-2025 18:05	02:13	653	300	0.94%	0.51%	69492	59022	GD-1 at 400 kV Vav At 15:52 Hrs/15-06-2025 , R-phase Capacitive Voltage Transformer(CVT) of 220 kV Vav-Utran line failed and Main CB of 220 kV Vav-Utran line failed to trip at Vav(GJ) S/S end. This resulted in LBB protection operation and cleared all the transmission elements connected to 220 kV Vav(GJ) Bus 2. i. 220 kV Vav(GJ)- Utran line ii. 220 kV Vav(GJ)- KAPS 1&2 ckt-1 iii. 220 kV Vav(GJ)- Kawas-1 iv. 220 kV Vav(GJ)- Kosamba line v. 220 kV Vav(GJ)- Mota-1 vi. 220 kV Vav (GJ) AIS-GIS Inter connector 2 vii. 220/66 kV Vav(GJ) ICTs 4,5&6. At the same time, 66 kV Vav(GJ) Bus sectionalizer tripped on over current protection operation and 66 kV Vav(GJ) Bus-2 lost supply from Bus-1 and resulted in load loss of 300 MW. During the incident, 220 kV Vav(GJ)- KAPS 1&2 ckt-2 connected to Bus 1 tripped from KAPS end on R-E fault(as confirmed by KAPS) and KAPS 3&4 Unit 3 (700 MW) tripped due to governing system fault (need investigation).	1 220 kV Vav(GJ)- Utran 2 220 kV Vav(GJ)- KAPS 1&2 ckt 1 3 220 kV Vav(GJ)- KAPS 1&2 ckt 2 4 220 kV Vav(GJ)- Kawas 1 5 220 kV Vav(GJ)- Kosamba 6 220 kV Vav(GJ)- Mota 1 7 220 kV Vav(GJ) AIS-GIS Inter connector 2 8 220/66 kV Vav(GJ) ICTs 4 9 220/66 kV Vav(GJ) ICTs 5 10 220/66 kV Vav(GJ) ICTs 6 11 66 kV Vav(GJ) Bus sectionalizer 12 KAPS 3&4 Unit 3 (700 MW)	
8	GD-1	WR	17-06-2025 15:42	17-06-2025 17:38	01:56	236	-	0.35%	-	66818	54451	GD-1 at 220 kV Gadhsisa At 15:42 Hrs/17-06-2025, 220kV Bhuj- Gadhsisa line tripped on B phase to Earth fault. Due to loss of evacuation path, 236 MW generation loss occurred at 220 kV Gadhsisa (Renew Power) WPP.	1 220kV Bhuj- Gadhsisa S/C 2. 220KV/33KV GHADSIKA-ICT-1 3. 220KV/33KV GHADSIKA-ICT-2	
9	GD-1	WR	23-06-2025 18:14	23-06-2025 19:14	01:00	1540	940	2.04%	1.62%	75482	57898	GD-1 at BALCO • At 18:14:50 Hrs/23.06.2025, 765 kV Dharamjaygarh- Jabalpur-2 A/R successful at Dharamjaygarh end and line tripped at Jabalpur end without attempting A/R on R-E fault. At the same time, 400/220 kV BALCO ICTs 1,2&3 tripped on REF protection operation. As informed by BALCO, no abnormality found during inspection and REF operation seems mal-operation. • At 18:14:56 Hrs, 765 kV Dharamjaygarh- Jabalpur 2 tripped on DT receipt at Dharamjaygarh end due to Over Voltage protection operation at Jabalpur end (829 kV Open end Voltage- 1.08 pu). At 18:18 Hrs, 400 kV BALCO- Dharamjaygarh 2 tripped at Dharamjaygarh end only on DT receipt. As informed by BALCO, BALCO system not islanded as per the islanding scheme and resulted in blackout of BALCO captive power plant. Total generation & load loss of 1540 MW (including Captive generation) & 940 MW reported respectively at BALCO.	1. BALCO ICT-1 2. BALCO ICT-2 3. BALCO ICT-3 4. BALCO Unit-1 (300MW) 5. BALCO Unit-2 (300MW) 6. BALCO Unit-3 (300MW) 7. BALCO Unit-4 (300MW) 8. 400kV Dharamjaygarh BALCO-2	
10	GD-1	WR	30-06-2025 15:40	01-07-2025 01:31	09:51	250	-	0.36%	-	68675	54405	GD-1 at Vadva At 15:40 Hrs /30-06-2025, 220kV Bhuj- Vadva S/C tripped at 15:40 Hrs on Yph-E fault after A/R attempt due to insulator failure at tower no. 185. Due to loss of evacuation path, Wind generation loss of 250 MW reported.	1. 220/33 kV Bhuj- Vadva S/C	
11	GD-1	WR	30-06-2025 22:35	30-06-2025 23:43	01:08	470	-	0.64%	-	73704	55898	GD-1 at Indrasagar At 22:35 Hrs /30-06-2025, During desynchronization of Indirasagar hydro unit 5, LBB (Local Breaker Backup) relay operated (Suspected maloperation) which led to tripping of 400kV Bus 8 and all connected elements i.e.400kV Nagda-Indrasagar, 400kV Indore-Indrasagar-1&2, 400kV Satpura-Indrasagar and 125 MW hydro units 2,4,6,7 and 5. 400kV Bus A was under planned outage for maintenance works. Generation loss of 470 MW occurred.	1. 400kV Nagda-Indrasagar 2. 400kV Indore-Indrasagar-1 3. 400kV Indore-Indrasagar-2 4. 400kV Satpura-Indrasagar 5. 125 MW Hydro units 2 6. 125 MW Hydro unit 4 7. 125 MW Hydro unit 5	

Details of Grid Events during the Month of June 2025 in Southern Region															 ग्रिड-इंडिया GRID-INDIA	
Sl No.	Category of Grid Event (GI 1 or 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)					
1	GD - 1	TAMILNADU	01-06-2025 15:20	01-06-2025 16:15	00:55	0	337	0.0 %	0.79%	46716.11	42816.2	Complete Outage of 230kV/110kV Ulundurpet SS and tripping of 230kV Bus-2 at 230kV/110kV Cuddalore SS In the antecedent conditions, 230kV Cuddalore-Veerapuram-1&2 and 230kV Ulundurpet-Shankarapuram lines were in idle charged condition, and bus split condition was observed at 230kV Cuddalore where in 230kV Bus-2 is connected to Ulundurpet and STCMS and hence Bus-2 of Cuddalore and Ulundupet was fed through 230kV NLCTS2- Ulundurpet and 230kV STCMS-Cuddalore lines. The triggering incident is the B-N fault in 230kV Cuddalore-STCMS line. The line tripped at both ends. During the same fault, 230kV NLCTS2-Ulundupet line tripped at NLC TS2 on Z3. With the tripping of both the lines (230kV Cuddalore-STCMS and 230kV NLCTS2-Ulundupet) led to the Complete Outage 230kV/110kV Ulundurpet SS and tripping of 230kV Bus-2 at 230kV/110kV Cuddalore SS				230KV-NEYVELI_TS_II-ULUNDURPET-1, 230KV-CUDDALORE-STCMS-1
2	GD - 1	TAMILNADU	02-06-2025 14:54	02-06-2025 17:38	02:44	200	0	0.37%	0.0 %	53768.41	51655.82	Complete Outage of 230kV Mytrah As per the reports submitted, the triggering incident was B-Phase jumper cut in 220kV TTGS Mytrah Line-2 causing B-N fault and the line tripped. Tripping of the only connected line led to complete outage of 230kV Mytrah Generating station.				230KV-TTGS-MYTRAH-2, MYTRAH - 230KV
3	GD - 1	TAMILNADU	15-06-2025 12:01	15-06-2025 16:55	04:54	318	0.0	0.57%	0.0 %	55924.86	43850.96	Complete Outage of 230kV JSW_Vilathikulam_300MW Wind Station Triggering incident was BN fault in 230kV TTGS JSW_Vilathikulam_300MW line. Due to the tripping of only connected line, there was complete outage of 230kV JSW_Vilathikulam_300MW Wind Station				230KV-TTGS-JSW_Vilathikulam_300MW-1
4	GD - 1	KARNATAKA	18-06-2025 16:56	18-06-2025 18:27	01:31	106	18	0.21%	0.03%	50613.56	51730.73	Complete Outage of 220kV/110kV Ambewadi SS and Tripping of 220kV South West Bus of 220kV Naghjeri PH During antecedent conditions, 220kV Ambewadi Narendra line-1 and 2 were under outage for power regulation and 220kV Ambewadi Naghjeri line-1 was out due to fault. Hence 220kV/110kV/11kV Ambewadi SS was radially fed through 220kV Ambewadi Naghjeri line-2. The triggering incident was LBB maloperation of 220kV Naghjeri Hubli line-1 at Naghjeri end resulting in the de-energisation of 220kV Naghjeri PH South West Bus. Since 220kV Ambewadi Naghjeri line-2 was connected to 220kV South West Bus of 220kV Naghjeri PH, tripping of the line resulted in the complete outage of 220kV/110kV/11kV Ambewadi SS.				AMBEWADI - 220KV, NAGJHERI - UNIT 1, 220KV-NAGJHERI-HUBLI-2, 220KV-AMBEWADI-NAGJHERI-2, 220KV-NAGJHERI-HUBLI-1
5	GI-2	KARNATAKA	06-06-2025 12:13	06-06-2025 12:56	00:43	0	0	0.0 %	0.0 %	50846.56	56614.05	Tripping of 400kV Bus-1 and Bus-2 of 400kV/220kV Talaguppa SS of KPTCL As per the reports submitted, the triggering incident was changing of DC source of 400kV Bus panel and 400kV Bus-1 and Bus-2 BBP maloperated tripping all main breakers connected to both buses. 220kV was intact during the event.				TALGUPPA - 400KV - Bus 2, TALGUPPA - 400KV - Bus 1, 400KV-TALGUPPA-HASSAN-1, 400KV-NELAMANGALA-TALGUPPA-1, 400KV/220KV TALGUPPA-ICT-1, 400KV/220KV TALGUPPA-ICT-2, 400KV/220KV TALGUPPA-ICT-3

Details of Grid Events during the Month of June 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 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	GI-1	KARNATAKA	15-06-2025 13:04	15-06-2025 13:58	00:54	0	0	0.0 %	0.0 %	55634.7	42488.29	<p>Tripping of 220kV Bus-1 of 220kV Nandhihal Switching Station of KPTCL</p> <p>As per the reports submitted, the triggering incident was failure of Y-phase Male & female Contact in 89D at 220kV Nandhihal of 220kV Nandhihal Bijapur Line-1 leading to Bus-1 BBP operation tripping all elements connected to 220kV Bus-1. 220kV Bus-2 was in service during the event.</p>	NANDHIHAL - 220KV - Bus 1, 220KV-NANDHIHAL-GMNAVAR-1, 220KV-BASAVANA_BAGEWADI-NANDHIHAL-1, 220KV-BIAPUR-NANDHIHAL-1, 220KV-KUDGI_NTPC-NANDHIHAL-4, 220KV-KUDGI_NTPC-NANDHIHAL-3, 220KV-KUDGI_NTPC-NANDHIHAL-5
7	GI-2	ANDHRA PRADESH	24-06-2025 10:47	24-06-2025 12:40	01:53	543	0.0	0.97%	0.0 %	56011.19	51484.77	<p>Tripping of 400kV Bus-1 of 400kV SEIL P2</p> <p>During antecedent conditions, SEIL P2 Bus Reactor was under shutdown for maintenance. As per the reports submitted, the triggering incident was inadvertent closing of circuit breaker of Bus reactor at SEIL P2. Since the earth switch was in closed condition, bus bar was feeding the current through circuit breaker, Bus reactor and earth fault. Subsequently, Bus-1 BBP failed to operate and remote ends of 400kV lines connected to 400kV Bus-1 and Bus-2 tripped. This led to loss of power supply to 400kV Bus-1 and Bus-2. 400kV Bus-3 and Bus-4 were in service during the event.</p>	420KV/15.75KV SEPL-GT-3, 420KV/15.75KV SEPL-GT-4, 400KV-SEIL_P2-NPS-1, 400KV-SEIL_P2-NPS-2
8	GI-2	TELANGANA	26-06-2025 00:22	26-06-2025 01:33	01:11	179	0.0	0.39%	0.0 %	46063.09	42953.06	<p>Tripping of 400kV Bus-2 of 400kV Ramagundam Generating station</p> <p>As per the reports submitted, the triggering incident was B-phase CT failure in 400V Ramagundam Bus fault. Immediately, 400kV Bus-2 BBP operated and all elements connected to 400kV Bus-2 tripped.</p>	400KV-BHADRAVATHI-RAMAGUNDAM-1, RAMAGUNDAM - 400KV - Bus 2
9	GI-1	TELANGANA	26-06-2025 06:45	26-06-2025 09:43	02:58	0.0	0.0	0.0 %	0.0 %	45208.69	51424.46	<p>Tripping of 220kV Bus-1 and Bus-2 of 220kV/132kV Nirmal SS of TGTANSCO:</p> <p>As per the reports submitted, the triggering incident was LBB operation in 220kV Bus-1 and Bus-2 of 220kV/132kV Nirmal SS. Immediately all elements connected to the buses tripped. 132kV was intact during the event.</p>	400KV/220KV NIRMAL-ICT-1, 400KV/220KV NIRMAL-ICT-2, 400KV/220KV NIRMAL-ICT-3, 220KV-NIRMAL_OLD-NIRMAL-1, 220KV-NIRMAL_OLD-NIRMAL-2

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

Sl No.	Category of Grid Event (GI I or 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)	
1	GD-I	JORETHANG	03.06.2025 14:49	03.06.2025 14:53	00:03	00:00	0	0.16%	0.00%	29433	24328	Jorethang S/s radially connected to New Melli through 220kV Jorethang-N Melli D/C and unit#1 was generating 48 MW (Unit#2 was out of service). At 14:49 Hrs, during relay testing at Jorethang S/s, bar bar protection mal-operated, resulting in 220kV Jorethang S/s became dead. Generation loss of 48 MW occurred at Jorethang. Power extended at 15:03 Hrs through 220kV Jorethang-New Melli #1.	220KV-NEW MELLİ-JORETHANG-1 220KV-NEW MELLİ-JORETHANG-2 JORETHANG UNIT-1
2	GD-I	CHATRA	08.06.2025 10:48	08.06.2025 11:09	00:21	00:00	24	0.00%	0.09%	21241	26257	Prior to the disturbance Chatra S/s radially connected to 220kV Chatra-Daltongunj S/C (220kV Chatra-Latehar under tripped condition from 10:43 Hrs on Y-B fault). At 10:48 Hrs 220kV Chatra-Daltongunj tripped on Y-B fault. Due to tripping of radial connected line, Chatra S/s became dead. Total load loss of 24 MW reported at Chatra S/s. Power was extended through 220kV Chatra-Latehar circuit at 11:09 Hrs.	220kV Latehar-Chatra S/C 220kV Daltongunj-Chatra S/C
3	GD-1	PVUNL	10.06.2025 05:06	10.06.2025 09:34	04:28	0	5	0.00%	0.02%	31369	27332	Prior to the disturbance, PVUNL was radially drawing 5 MW startup power from 400/220 kV Tenughat S/s through 400/220 KV ICT#2(400/220KV ICT #1 was under outage condition). At 05:06 Hrs OTI (Oil Temperature Indicator) protection of 400/220KV ICT#2 operated, resulting in power supply failure at 400kV PVUNL. 400kV PVUNL S/s became dead. Load loss of 5 MW (startup power) occurred at PVUNL. 400/220kV ICT #2 and 400kV Tenughat-PVUNL charged at 09:34 Hrs.	400/220 kV ICT#2 at Tenughat
4	GD-1	KISHANGANJ	12.06.2025 18:24	12.06.2025 19:40	01:15	0	128	0.00%	0.46%	30879	27701	At 18:24 Hrs of 12/06/2025, HV side B phase CT of 160 MVA ATR-3 burst at 220/132kV GSS Kishanganj New (BSPTCL), resulting in a bus fault at 220 KV Kishanganj New and tripping of all connected lines, which led to total power failure at Kishanganj (BSPTCL) area of Bihar Power System. Total load loss of 128 MW occurred at Kishanganj(BSPTCL). Power extended at 19:40 Hrs through 220 KV Kishanganj (BSPTCL) – Kishanganj (PG) -1.	220 KV Kishanganj (BSPTCL) – Kishanganj (PG) 1 220 KV Kishanganj (BSPTCL) – Kishanganj (PG) 2 220 KV Kishanganj (BSPTCL) – Kishanganj (PG) 3 220 KV Kishanganj (BSPTCL) – Kishanganj (PG) 4 220 KV Kishanganj – Thakurganj 1 220 KV Kishanganj – Madhepura 1 220 KV Kishanganj – Madhepura 2 132 KV Kishanganj – Barsai T/L 132 KV Kishanganj – Kishanganj (Old) T/L 132 KV Kishanganj – Forbesgunj T/L 160 MVA 220/132 KV Autotransformer 1 160 MVA 220/132 KV Autotransformer 2 160 MVA 220/132 KV Autotransformer 3
5	GI-II	DIKCHU	19.06.2025 10:44	19.06.2025 11:34	00:50	103	0	0.45%	0.00%	22671	22287	Prior to the disturbance Dikchu generation was around 103 MW evacuating through 400kV Dikchu-Rangpo and 400kV Dikchu-Rangpo(Teesta-III Bypass). At 10:44 Hrs phase to phase fault(Y_B) occurred in 400kV Dikchu Rangpo line and line got tripped from both end in Z-1 protection, at the same time 400/132KV ICT at Dikchu also tripped on over current protection. Due to loss of evacuation Dikchu unit#1 & 2 tripped on over speed/ over frequency protection. Total generation loss of 103 MW reported at Dikchu S/s.	400 KV Rangpo-Dikchu 400/132KV ICT at Dikchu Dikchu Unit-1 Dikchu Unit-2

Details of Grid Events during the Month of June 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	Leshka HEP of Meghalaya Power System	01-06-2025 05:37	01-06-2025 06:01	00:24	84	0	3.19%	0.00%	2634	1610	Mynkre area and Leshka HEP of Meghalaya Power System was connected with rest of NER Grid via 132 KV Mynkre (ME)-Khliehriat(ME) D/C lines and 132 KV Mynkre-Leshka D/C lines. At 05:37 Hrs of 01-06-2025, 132 KV Mynkre (ME)- Khliehriat(ME) D/C lines and 132KV Mynkre-Leshka D/C lines tripped. Due to tripping of these elements, Mynkre area and Leshka HEP of Meghalaya Power System were isolated due to load generation mismatch in these areas. Power supply was extended to Mynkre area and subsequently to MLHEP (LESHKA) by charging 132 KV Mynkre-MLHEP Line 1 &2 at 06:01 Hrs & 07:03 hrs of 01-06-2025 respectively.	132 KV Mynkre (ME)- Khliehriat(ME) D/C lines and 132 KV Mynkre-Leshka D/C lines
2	GD I	Karbi Langpi HEP of Assam Power System	02-06-2025 16:10	02-06-2025 16:21	00:11	100	0	3.26%	0.00%	3070	2409	Karbi Langpi HEP of Assam Power System was connected with rest of NER Grid through 132 KV Sarusajai - Karbi Langpi D/C lines. At 16:10 Hrs of 02-06-2025, 132 KV Sarusajai-Karbi Langpi 1&2 lines tripped. Due to the tripping of these elements, Karbi Langpi HEP of Assam Power System was isolated from NER Grid due to loss of evacuation path. Power was extended to Karbi Langpi HEP of Assam Power System by charging 132 KV Sarusajai-Karbi Langpi 1 line at 16:21 hrs of 02-06-2025.	132 KV Sarusajai - Karbi Langpi D/C lines
3	GD I	Zuangtui, Serchhip, Saitual and Vankal area of Mizoram Power system	03-06-2025 05:54	03-06-2025 07:07	01:13	0	11	0.00%	0.63%	3401	1756	Zuangtui, Serchhip, Saitual and Vankal area of Mizoram Power system is connected with rest of the NER grid via 132 KV Melriat(PG)-Zuangtui Line. 132 KV Melriat(PG)- Shimui D/C and 132KV Shimui-Zuangtui is under outage since 26-05-2025. At 05:54 Hrs of 03-06-2025, 132 KV Melriat(PG)-Zuangtui Line tripped. Due to tripping of this element, Zuangtui, Serchhip, Saitual and Vankal area of Mizoram Power system was isolated from NER Grid and collapsed due to Load-Generation mismatch in this area. Power supply was extended to Zuangtui, Serchhip, Saitual and Vankal area of Mizoram Power System by charging 132KV Melriat(PG)-Zuangtui line at 07:07 hrs of 03-06-2025.	132 KV Melriat(PG)-Zuangtui Line
4	GD I	Rengpang area of Manipur Power System	04-06-2025 11:48	04-06-2025 13:15	01:27	0	1	0.00%	0.04%	2453	2370	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 11:48 Hrs of 04-06-2025, 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 of Manipur Power System by charging 132 KV Loktak-Rengpang line at 13:15 Hrs of 04-06-2025.	132 KV Loktak-Rengpang line
5	GD I	Meluri area of Nagaland Power System	05-06-2025 03:20	05-06-2025 03:47	00:27	0	4	0.00%	0.20%	2955	2001	Meluri area of Nagaland Power System was connected with rest of NER Grid through 132kV Kohima-Meluri line. At 03:20 Hrs of 05-06-2025, 132kV Kohima-Meluri line tripped. Due to tripping of this element, , Meluri area of Nagaland Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Meluri area of Nagaland by charging 132kV Kohima-Meluri Line at 03:47 Hrs of 05-06-2025.	132kV Kohima-Meluri line
6	GD I	Meluri area of Nagaland Power System	05-06-2025 04:07	05-06-2025 04:27	00:20	0	2	0.00%	0.10%	3060	1946	Meluri area of Nagaland Power System was connected with rest of NER Grid through 132kV Kohima-Meluri line. At 04:07 Hrs of 05-06-2025, 132 KV 132kV Kohima-Meluri line tripped. Due to tripping of this element, Meluri area of Nagaland Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Meluri area of Nagaland by charging 132 KV Kohima-Meluri Line at 04:27 Hrs of 05-06-2025.	132kV Kohima-Meluri line
7	GD I	Dhaligaon, Gossaigaon, Barpeta, Barnagar and APM areas of Assam Power System	09-06-2025 05:18	09-06-2025 05:46	00:28	0	100	0.00%	3.93%	2463	2546	Dhaligaon, Gossaigaon, Barpeta, Barnagar and APM areas of Assam Power System were connected with rest of NER Grid through 132 KV BTPS - Dhaligaon 1 & 2 lines. 132 KV Gauripur-Gossaigaon was open to avoid overloading of 132 KV Bhalispara-Gauripur line and 132 KV Barpeta-Nalbari line was kept open to avoid overloading of 132 KV BTPS -Dhaligaon D/C lines. At 05:18 Hrs of 09-06-2025, 132 KV BTPS - Dhaligaon 1 & 2 lines tripped. Due to the tripping of these elements, blackout of Dhaligaon, Gossaigaon, Barpeta, Barnagar and APM areas of Assam Power System occurred due to no source available in these areas. Power Supply was extended to Dhaligaon, Gossaigaon, Barpeta, Barnagar and APM areas of Assam Power System by	132 KV BTPS - Dhaligaon 1 & 2 lines

Details of Grid Events during the Month of June 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)		
8	GD I	Ningthoukhong area of Manipur Power System	09-06-2025 13:34	09-06-2025 15:11	01:37	0	9	0.00%	0.31%	2169	2942	<p>Ningthoukhong area of Manipur Power System is connected with the rest of NER Grid through 132 kV Loktak-Ningthoukhong, 132 kV Ningthoukhong-Imphal 1, 132 kV Ningthoukhong-Imphal ckt 2, 132 kV Ningthoukhong-Imphal ckt 3 and 132 kV Ningthoukhong-Churachandpur 1&2 lines. Prior to the event, 132 kV Imphal-Ningthoukhong 1 was under shutdown since 13.02.2025 and 132 kV Ningthoukhong-Churachandpur 1 is under forced outage since 04.08.2024.</p> <p>At 13:34 Hrs of 09-06-2025, 132 kV Imphal-Ningthoukhong ckt 2, 132 kV Imphal-Ningthoukhong ckt 3, 132 kV Loktak-Ningthoukhong, 132 kV Ningthoukhong-Churachandpur 2 tripped. Due to tripping of these elements, Ningthoukhong area of Manipur Power System got isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power was extended to Ningthoukhong area of Manipur Power System by charging 132 kV Imphal- Ningthoukhong 2 line at 15:11 Hrs of 09-06-2025.</p>	132 kV Imphal-Ningthoukhong ckt 2, 132 kV Imphal-Ningthoukhong ckt 3, 132 kV Loktak-Ningthoukhong and 132 kV Ningthoukhong-Churachandpur 2 lines
9	GD I	Tangla area of Assam Power System	09-06-2025 09:48	09-06-2025 09:55	00:07	0	13	3.26%	0.48%	2330	2702	<p>Tangla area of Assam Power System was connected with rest of NER Grid by 132 kV Rangia – Tangla line.</p> <p>At 09:48 Hrs of 09-06-2025, 132 kV Rangia – Tangla line tripped. Due to this tripping, Tangla area of Assam Power System got isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power was extended to Tangla area of Assam Power System by charging 132 kV Rangia – Tangla line at 09:55 Hrs of 09-06-2025.</p>	132 kV Rangia – Tangla line
10	GD I	Udaipur areas of Tripura Power System	09-06-2025 12:23	09-06-2025 13:59	01:36	0	50	0.00%	1.76%	2301	2834	<p>Udaipur areas of Tripura Power System was connected with rest of NER Grid through 132 KV Palatana-Udaipur line. Prior to the event, 132 KV Monarchak - Udaipur Line was under planned shutdown from 09:25 Hrs of 09-06-2025.</p> <p>At 12:23 Hrs of 09-06-2025, 132 KV Palatana-Udaipur line was hand tripped at Udaipur due to blasting of transformer. Due to the tripping of this element, blackout of Udaipur areas of Tripura Power System occurred due to no source available in this area.</p> <p>Power supply was extended to Udaipur areas of Tripura Power System by charging 132 KV Monarchak-Udaipur at 13:59 Hrs of 09-06-2025.</p>	132 KV Palatana-Udaipur line
11	GD I	Dharmanagar areas of Tripura Power System and Dullavchhera area of Assam power system	10-06-2025 18:45	10-06-2025 19:03	00:18	0	35	0.00%	0.92%	3086	3597	<p>Dharmanagar areas of Tripura Power System & Dullavchhera area of Assam power system are connected with rest of NER Grid through 132 KV Dharmanagar-PK Bari and 132 KV Dullavchhera-Hallakandi lines. Prior to the event, 132 KV Dullavchhera-Hallakandi line tripped at 18:41 Hrs of 10-06-2025.</p> <p>At 18:45 Hrs of 10-06-2025, 132 KV Dharmanagar-PK Bari line tripped. Due to tripping of this element, Dullavchhera area of Assam and Dharmanagar area of Tripura got isolated from NER grid due to no source available in these areas.</p> <p>Power Supply was extended to Dharmanagar area of Tripura Power System & Dullavchhera area of Assam power system by charging 132 KV PK Bari-Dharmanagar line & 132 KV Hallakandi-Dullavchhera line at 19:03 Hrs of 10-06-2025.</p>	132 KV Dharmanagar-PK Bari line
12	GD I	Napit and Nigllok areas of Arunachal Pradesh Power System	11-06-2025 16:30	11-06-2025 19:46	03:16	0	14	0.00%	0.42%	2489	3348	<p>Napit and Nigllok areas of Arunachal Pradesh Power System were connected with rest of NER Grid through 132 kV Pasighat-Napit D/C lines.</p> <p>At 16:30 Hrs of 11-06-2025, 132 KV Pasighat-Napit D/C lines tripped. Due to tripping of these elements, Napit and Nigllok areas of Arunachal Pradesh Power System got isolated from NER Grid and collapsed due to no source available in these areas.</p> <p>Power supply was extended to Napit area of Arunachal Pradesh Power system by charging the 132kV Pasighat-Napit line 1 at 19:46 Hrs of 11-06-2025.</p>	132 KV Pasighat-Napit D/C lines
13	GD I	Sanis area of Nagaland Power System	13-06-2025 16:53	13-06-2025 17:25	00:32	0	1	0.00%	0.04%	2539	2320	<p>Sanis area of Nagaland Power System were connected with rest of NER Grid through 132 kV Wokha - Sanis line. Prior to the event, 132 KV Doyang - Sanis line was under tripped condition since 20:19 Hrs of 10-06-2025.</p> <p>At 16:53 Hrs of 13-06-2025, 132 KV Wokha - Sanis line tripped. Due to tripping of these elements, Sanis area of Nagaland Power System got 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 Wokha - Sanis line at 17:25 Hrs of 13-06-2025.</p>	132 kV Wokha - Sanis line
14	GD I	Khupi & Tenga areas of Arunachal Pradesh Power System	14-06-2025 12:26	14-06-2025 13:22	00:56	7.2	23	0.34%	0.78%	2137	2931	<p>Khupi & Tenga areas of Arunachal Pradesh Power System was connected with rest of NER Grid through 400/132 KV ICT at Kameng and 132 KV Balipara-Tenga line.</p> <p>At 12:26 Hrs of 14-06-2025, 132 KV Balipara-Tenga and 400kV ICT at Kameng tripped. Due to tripping of these elements, Khupi & Tenga areas of Arunachal Pradesh Power System got isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power was extended to Khupi & Tenga areas of Arunachal Pradesh Power System by charging 132 KV Balipara-Tenga and 132 kV Tenga-Khupi at 13:02 Hrs and 13:22 Hrs of 14-06-2025 respectively.</p>	132 kV Balipara-Tenga and 400kV ICT at Kameng

Details of Grid Events during the Month of June 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)		
15	GD I	Zhadima, Chiephobozou, Wokha and Sanis areas of Nagaland Power System	15-06-2025 01:07	15-06-2025 02:47	01:40	0	5	0.00%	0.15%	2770	3236	Zhadima, Chiephobozou, Wokha and Sanis areas of Nagaland Power System are connected with rest of NER Grid through 132kV Zhadima - Kohima line and 132 KV Doyang-Sanis line. Prior to the event, 132 KV Doyang-Sanis line was out since 20:19 Hrs of 10-06-2025. At 01:07 Hrs of 15-06-2025, 132 KV Zhadima - Kohima line tripped. Due to tripping of this line, Zhadima, 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 was extended to Zhadima, Chiephobozou, Wokha and Sanis areas of Nagaland Power System at 02:47 Hrs of 15-06-2025 by charging 132 KV Zhadima - Kohima line.	132kV Zhadima - Kohima line
16	GD I	Margherita area of Assam Power System	17-06-2025 10:53	17-06-2025 11:25	00:32	0	18	0.00%	0.66%	2426	2709	Margherita area of Assam Power System was connected with rest of NER Grid through 132 KV Tinsukia – Margherita & 132 KV Rupai- Margherita lines. At 10:53 Hrs of 17-06-2025, 132 KV Tinsukia – Margherita & 132 KV Rupai- Margherita lines tripped. Due to tripping of these elements, Margherita area of Assam Power System was isolated from NER Grid and collapsed due to no source available in this area. Power was extended to Margherita by charging 132 KV Rupai- Margherita line at 11:25 Hrs of 17-06-2025.	132 KV Tinsukia – Margherita & 132 KV Rupai- Margherita lines
17	GD I	MLHEP P/S, Mynkre S/s, Mustem S/s and IIM S/s areas of Meghalaya Power System	19-06-2025 14:00	19-06-2025 14:11	00:11	0	2	0.00%	0.14%	2912	1459	Leshka, Mynkre, Mustem and IIM areas of Meghalaya Power System were connected with rest of NER grid via 132 KV Leshka-Mynkre D/C, 132 KV Khlelhiat-Mynkre D/C, 132 KV Khlelhiat Mustem, 132 KV Mawlyndep-Mustem & 132 KV Neigrimh-IIM Lines. At 14:00 Hrs of 19-06-2025, all the lines connected to 132 KV Khlelhiat Bus except 132 KV Khlelhiat-Khlelhiat(PG) I line, 132 KV Mawlyndep-Mustem & 132 KV Neigrimh-IIM lines tripped. Due to these tripping, Leshka, Mynkre, Mustem and IIM areas of Meghalaya Power System got isolated from NER Grid and collapsed due to load generation mismatch in these areas. Power Supply was restored at all the affected areas of Meghalaya by 14:21 Hrs of 19-06-2025.	132 KV Khlelhiat-Khlelhiat(PG) II, 132 KV Khlelhiat-Neigrimh, 132 KV Khlelhiat-Mustem, 132 KV Mustem-Mawlyne, 132 KV Khlelhiat-Lumshnong, 132 KV Mynkre-Khlelhiat I & II, 132 KV Neigrimh-IIM, Leshka Unit-1,2,3, Umiam Stg-II Unit-2
18	GD I	Along area of AP Power System	21-06-2025 05:15	21-06-2025 06:19	01:04	0	3.2	0.00%	0.13%	2645	2545	Along area of AP Power System was connected with rest of NER Grid through 132 KV Along-basar and 132kV Along-Pasighat lines. At 05:15 Hrs of 21-06-2025, 132 KV Along-Basar and 132 KV Along-Pasighat lines tripped. Due to tripping of these elements, Along area of AP Power System was isolated from NER Grid and collapsed due to no source available in this area. Power was extended to Along area of AP Power System by charging 132 KV Along-Pasighat Line at 06:19 Hrs of 21-06-2025.	132 KV Along-basar and 132 KV Along-Pasighat lines
19	GD I	Rangia, Amingaon, Kamalpur, Sipajhar, Tangla, Nalbari and Nathkuchi areas of Assam Power System	21-06-2025 19:14	21-06-2025 20:08	00:54	0	200	0.00%	5.35%	2282	3737	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. At 19:14 Hrs of 21-06-2025, 220KV BTPS – Rangia D/C lines tripped. Due to tripping of these elements, SPS operated at 220 KV Rangia S/S which leads to black out at Rangia, Amingaon, Kamalpur, Sipajhar, Tangla, Nalbari and Nathkuchi areas of Assam Power System. Power supply was extended to Rangia area by charging 220KV BTPS – Rangia GSS line at 19:38 Hrs of 21-06-2025. Subsequently, Power was extended to Amingaon, Kamalpur, Sipajhar, Tangla, Nalbari and Nathkuchi at 20:08 hrs of 21-06-2025.	220 KV BTPS – Rangia D/C lines.
20	GD I	Margherita area of Assam Power System	22-06-2025 22:59	22-06-2025 23:14	00:15	0	4	0.00%	0.12%	3292	3346	Margherita area of Assam Power System was connected with rest of NER Grid through 132 KV Tinsukia – Margherita & 132 KV Rupai- Margherita line. At 22:59 Hrs of 22-06-2025, 132 KV Tinsukia – Margherita & 132 KV Rupai- Margherita line tripped. Due to tripping of these elements, Margherita area of Assam Power System was isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Margherita by charging 132 KV Rupai- Margherita line at 23:14 Hrs of 22-06-2025.	132 KV Tinsukia – Margherita & 132 KV Rupai- Margherita line
21	GD I	Along, Pasighat, Napit and Niglok areas of Arunachal pradesh Power System	23-06-2025 16:52	23-06-2025 17:58	01:06	0	21	0.00%	0.73%	2655	2892	Along, Pasighat, Napit and Niglok areas of AP Power System were connected with rest of NER Grid through 132 KV Along-basar and 132 KV Roing-Pasighat lines. At 16:52 Hrs of 23-06-2025, 132 KV Along-Basar and 132 KV Roing-Pasighat lines tripped. Due to tripping of these elements, Along, Pasighat, Napit and Niglok areas of AP Power System were isolated from NER Grid and collapsed due to no source available in this area. Power supply was extended to Pasighat area by charging 132 KV Roing –Pasighat line at 17:58 Hrs of 23-06-2025.	132 KV Along-basar and 132kV Roing-Pasighat lines

Details of Grid Events during the Month of June 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)		
22	GD I	Khupi area of Arunachal Pradesh Power System	23-06-2025 10:27	23-06-2025 12:03	01:36	0	1	0.00%	0.04%	2427	2502	<p>Khupi area of Arunachal Pradesh Power System was connected with rest of NER Grid through 132 kV Kameng - Khupi and 132 kV Tenga -Khupi lines.</p> <p>At 10:27 Hrs of 23-06-2025, 132 kV Tenga -Khupi line and 132 kV Kameng - Khupi line tripped. Due to tripping of these elements, Khupi 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 extended to Khupi area by charging 132 kV Tenga -Khupi line at 12:03 Hrs of 23-06-2025.</p>	132 kV Kameng - Khupi and 132 kV Tenga -Khupi lines
23	GD I	Sihhmui area of Mizoram Power System	23-06-2025 14:56	25-06-2025 12:56	46:00	0	3.48	0.00%	0.13%	2445	2749	<p>Sihhmui area of Mizoram Power System was connected with rest of NER Grid through 132 kV Sihhmui-Melriat(PG) D/C. 132kV Zuangtui-Sihhmui line was under outage.</p> <p>At 14:56 Hrs of 23-06-2025, 132 kV Sihhmui-Melriat(PG) D/C tripped. Due to tripping of this element, Sihhmui area of Mizoram Power System was isolated from NER Grid and collapsed due to no source available in this area.</p> <p>Power supply was extended to Sihhmui area of power system by charging 132 kV Melriat(PG)-Sihhmui 2 line at 12:56 Hrs of 25-06-2025.</p>	132 kV Sihhmui-Melriat(PG) D/C lines
24	GD I	Along area of Arunachal Pradesh Power System	24-06-2025 10:59	24-06-2025 12:21	01:22	0	6	0.00%	0.22%	2590	2745	<p>Along area of Arunachal pradesh Power System was connected with rest of NER Grid through 132 kV Along-Pasighat line. Prior to the event, 132 kV Along-Basar line was under outage condition since 16:52 Hrs of 23-06-2025.</p> <p>At 10:59 Hrs on 24-06-2025, 132 kV Along-Pasighat 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 extended to Along area by charging 132 kV Along -Pasighat line at 12:21 Hrs of 24-06-2025.</p>	132 kV Along-Pasighat line
25	GD I	Lumshnong area of Meghalaya Power System	25-06-2025 03:13	25-06-2025 04:07	00:54	0	8	0.00%	0.34%	2921	2359	<p>Lumshnong area of Meghalaya Power System is connected to the NER Power System via 132 kV Lumshnong–Panchgram line and 132 kV Khliehriat–Lumshnong line. Prior to the event, 132 kV Lumshnong – Panchgram line tripped at 02:44 Hrs of 25-06-2025.</p> <p>At 03:13 Hrs of 15.11.2024, 132 kV Khliehriat–Lumshnong line tripped. Due to this tripping, Lumshnong area of Meghalaya Power System was isolated from the NER Grid and collapsed due to no source available in this area.</p> <p>Power supply was restored to the Lumshnong area of the Meghalaya Power System by charging the 132kV Khliehriat–Lumshnong line at 04:07 Hrs of 25.06.2025 and the 132kV Lumshnong–Panchgram line at 04:22 Hrs of 25.06.2025, respectively.</p>	132 kV Khliehriat–Lumshnong line
26	GD I	Lumshnong area of Meghalaya Power System	25-06-2025 23:25	25-06-2025 23:57	00:32	0	18	0.00%	0.54%	3313	3318	<p>Lumshnong area of Meghalaya Power System is connected to the NER Power System via the 132 kV Lumshnong–Panchgram line and 132 kV Khliehriat–Lumshnong line.</p> <p>At 23:25 Hrs of 25.06.2025, 132 kV Khliehriat–Lumshnong and 132 kV Lumshnong–Panchgram lines tripped. Due to tripping of these elements, Lumshnong area of Meghalaya Power System was isolated from the NER Grid and collapsed due to no source available in this area.</p> <p>Power supply was restored at Lumshnong area of Meghalaya Power System by charging 132 kV Khliehriat–Lumshnong line at 23:57 Hrs of 25.06.2025.</p>	132 kV Lumshnong–Panchgram line and 132 kV Khliehriat–Lumshnong line
27	GD I	Amguri (Jackson) area of the Assam Power System	26-06-2025 15:17	26-06-2025 16:02	00:45	0	33	0.00%	1.06%	2689	3111	<p>Amguri (Jackson) area of Assam Power System was connected to the rest of NER Grid through 220 kV Amguri (Jackson)–Namrup (NTPS) line. Prior to the event, 220 kV Amguri (Jackson)–Mariani (AS) line was under planned shutdown.</p> <p>At 15:17 Hrs of 26-06-2025, 220 kV Amguri (Jackson)–Namrup (NTPS) line tripped. This tripping led to blackout in Amguri (Jackson) area of Assam power system.</p> <p>Power supply was extended to Amguri (Jackson) area of Assam Power System by charging 220 kV Amguri (Jackson)–Namrup (NTPS) line at 16:02 Hrs of 26-06-2025.</p>	220 kV Amguri (Jackson)–Namrup (NTPS) line
28	GD I	Rangia, Amingaon, Kamalpur, Sipajhar, Tangla, Nalbari, AIIMS, Hajo and Nathkuchi areas of Assam Power System	26-06-2025 09:42	26-06-2025 09:57	00:15	0	190	0.00%	6.43%	1918	2956	<p>Rangia, Amingaon, Kamalpur, Sipajhar, Tangla, Nalbari, AIIMS, Hajo and Nathkuchi areas of Assam Power System were connected with rest of NER Grid through 220 kV BTPS – Rangia 1 line. Prior to the event, 220 kV BTPS-Rangia-2 was under planned shutdown.</p> <p>At 09:42 Hrs of 26-06-2025, 220kV BTPS – Rangia 1 Line tripped. Due to tripping of this element, SPS operated successfully at 220 kV Rangia SS which led to black out at Rangia, Amingaon, Kamalpur, Sipajhar, Tangla, Nalbari, AIIMS, Hajo and Nathkuchi areas of Assam Power System.</p> <p>Power supply was extended to Rangia area by charging 220 kV BTPS – Rangia line at 09:57 Hrs of 26-06-2025. AIIMS power shifted to Kahlilpara side at 09:46 hrs of 26-06-2025, Sipajhar & Tangla power shifted to Rowta side at 09:48 hrs & 10:09 hrs of 26-06-2025 respectively.</p>	220 kV BTPS – Rangia 1 Line

Details of Grid Events during the Month of June 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)		
29	GD I	Kohima, Zhadima, Chiephobozou, Wokha, Sanis, Meluri and Kiphire areas of Nagaland Power System	26-06-2025 10:41	26-06-2025 10:41	00:00	0	20	0.00%	0.66%	2616	3010	Kohima, Zhadima, Chiephobozou, Wokha, Sanis, Meluri and Kiphire areas of Nagaland Power System are connected with rest of NER Grid through 132 KV Dimapur-Kohima line. Prior to the event, 132 KV Doyang-Sanis line was out since 20:19 Hrs of 10-06-2025. Also, 132 KV Karong-kohima line tripped at 09:44 Hrs of 26-06-2025. At 10:41 Hrs of 26-06-2025, 132 KV Dimapur-Kohima line tripped. Due to tripping of this element, Kohima, Zhadima, Chiephobozou, Wokha, Sanis, Meluri and Kiphire areas of Nagaland Power System were isolated from NER Grid and collapsed due to no source available in these areas. Power supply was restored at Kohima, Zhadima, Chiephobozou, Wokha, Sanis, Meluri and Kiphire areas of Nagaland Power System at 10:56 Hrs of 26-06-2025 by charging 132 KV Karong-kohima line.	132 KV Dimapur-Kohima line
30	GD I	Rokhia area of Tripura Power System	28-06-2025 06:06	28-06-2025 07:31	01:25	19	11	0.62%	0.43%	3076	2567	Rokhia area of Tripura is connected with rest of the grid via 132 KV Rokhia – Agartala 1 & 2 line and 132 KV Rokhia - Monarchak Line. At 06:06 Hrs of 28-06-2025, 132 KV Rokhia – Agartala 1 & 2 line and 132 KV Rokhia -Monarchak Line tripped. Due to tripping of these elements, Rokhia area of Tripura power system got isolated from NER grid due to load generation mismatch in this area. Power supply extended to Rokhia area by charging 132 KV Rokhia – Agartala I Line at 07:31 Hrs of 28-06-2025.	132 KV Rokhia – Agartala 1 & 2 line and 132 KV Rokhia - Monarchak Line
31	GD I	Amrit area of Meghalaya Power System	28-06-2025 17:45	28-06-2025 17:54	00:09	0	8	0.00%	0.25%	2696	3156	Amrit substation is connected to the rest of the NER grid via the 132KV Amrit-Lumshnong line. At 17:45 Hrs of 28-06-2025, 132 KV Amrit-Lumshnong line tripped leading to a blackout at Amrit substation of Meghalaya power system. Power supply was extended to Amrit substation by charging 132 KV Amrit-Lumshnong line at 17:54 Hrs of 28-06-2025.	132 KV Amrit-Lumshnong line
32	GD I	Saitual area of Mizoram Power System	28-06-2025 15:38	28-06-2025 15:47	00:09	0	5	0.00%	0.16%	2554	3149	Saitual area of Mizoram Power System was connected to the rest of the NER grid via 132 KV Saitual-Zuangtui line. At 15:38 Hrs of 28-06-2025, 132 KV Saitual-Zuangtui line tripped. Due to tripping of this element, Saitual area of Mizoram power system got isolated from NER grid due to no source available in this area. Power supply was extended to Saitual area by charging 132 KV Saitual-Zuangtui line at 15:47 Hrs of 28-06-2025.	132 KV Saitual-Zuangtui line
33	GD I	Rengpang area of Manipur Power System	29-06-2025 09:25	29-06-2025 15:31	06:06	0	1	0.00%	0.04%	2433	2764	Rengpang area of Manipur Power System is connected with rest of NER Grid through 132 KV Loktak-Rengpang line. Prior to the event, 132 KV Jirbam – Rengpang line was under long outage since 18:18 Hrs of 17.11.2023. At 09:25 Hrs of 29-06-2025, 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 of Manipur power system by charging 132 KV Loktak-Rengpang line at 15:31 Hrs of 29-06-2025.	132 KV Loktak-Rengpang line
34	GD I	Bairabi area of Mizoram Power system	30-06-2025 13:09	30-06-2025 13:18	00:09	0	3	0.00%	0.18%	1716	1670	Bairabi area of the Mizoram Power system is connected to the rest of the NER grid through 132 KV Kolasib-Bairabi line. At 13:09 Hrs of 30-06-2025, 132 KV Kolasib-Bairabi line tripped leading to blackout of Bairabi S/S of Mizoram power system. Power supply was restored in Bairabi area of Mizoram Power system at 13:18 Hrs of 30-06-2025 by charging 132 KV Kolasib- Bairabi line.	132 KV Kolasib-Bairabi line
35	GD I	Saitual area of Mizoram Power system	30-06-2025 09:52	30-06-2025 10:02	00:10	0	14	0.00%	0.49%	2559	2859	Saitual area of Mizoram Power System is connected to the rest of the NER grid via 132 KV Saitual-Zuangtui line. At 09:52 Hrs of 30-06-2025, 132 KV Saitual–Zuangtui line tripped. Due to tripping of this element, Saitual area of Mizoram power system got isolated from NER grid due to no source available in this area. Power supply was extended to Saitual area of Mizoram power system by charging 132 KV Saitual–Zuangtui line at 10:02 Hrs of 30-06-2025.	132 KV Saitual-Zuangtui line
36	GD I	Turial area of Mizoram Power system	30-06-2025 13:15	30-06-2025 14:06	00:51	54	0	3.15%	0.00%	1716	1670	Turial area of the Mizoram Power system is connected to the rest of the NER grid through 132 KV Kolasib-Turial line. At 13:15 Hrs of 30-06-2025, 132 KV Kolasib-Turial line tripped leading to blackout in Turial area of Mizoram power system. Power supply was restored in Turial area of Mizoram Power system at 14:06 Hrs of 30-06-2025 by charging 132 KV Kolasib- Turial line	132 KV Kolasib-Turial line

21. NEW ELEMENTS CHARGED IN JUNE 2025

GENERATING UNITS

REGION	S. NO.	Location	Owner/Unit Name	Unit No/Source	Capacity added (MW)	Total/Installed Capacity (MW)	DATE
NR	1	Bikaner-II	ACME Sikar Solar Private Limited(ASPL BKN2)	Solar	75	300	17-Jun-25
	2	Bikaner-II	Serenica Renewables India 5 Pmt Ltd (SRISPL)	Solar	44	220	04-Jun-25
	3	Bikaner-II	KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED(KREPL)	Solar	300	300	08-Jun-25
	4	Bikaner-II	SIVN Green Energy Ltd	Solar	80.77	400.77	09-Jun-25
	5	Bhadla_2	Nokh- NTPC	Solar	7.43	490	13-Jun-25
	6	Bhadla_2	EDEN RENEWABLE ALMA PRIVATE LIMITED(ERAPL)	Solar	100	100	13-Jun-25
	7	Fategarh-III	XI Xergi Power Private Limited(XXPL)	Solar	185	400	23-Jun-25
	8	Bikaner-II	Karinsar Solar Plant NHPC Ltd(KSP_NHPC)	Solar	53.57	214.28	25-Jun-25
	9	Bikaner-II	SIVN Green Energy Ltd	Solar	100.25	501.02	27-Jun-25
	10	Bhadla_2	ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED(ASEJ6PL)	Solar	50	50	29-Jun-25
WR	11	220/33 kV Devasar	Ayana Renewable Power Four Private Limited (ARP4PL)	Solar	37.5	37.5/37.5	26.06.2025
	12	400/33 kV Khavda PSS-5	Adani Hybrid Energy Jaisalmer Five Limited (AHEJ5L) PSS5	Solar	50	295/570	17.06.2025
	13	400/33 kV Khavda PSS-5	Adani Renewable Energy Forty Five Limited (ARE45L) PSS5	Solar	50	175/250	25.06.2025
	14	400/33 kV Khavda PSS-9	Adani Renewable Energy Fifty Six Limited (ARE56L) PSS9	Solar	175	400/400	25.06.2025
	15	400/33 kV Khavda PSS-10	Adani Renewable Energy Fifty Six Limited (ARE56L) PSS10	Solar	75	325/500	25.06.2025
	16	400/33 kV NREL PSS-2	NTPC REL Khavda PSS2	Solar	265.2	911/1555	23.06.2025
	17	220/33 kV Chikali Parmar Malwa	Blue Leaf Energy Renewable Private Limited (BLERPL)	Solar	52.4	52.4/125	26.06.2025
	18	400/33 kV Khavda PSS-7	Adani Renewable Energy Fifty Seven Limited (ARE57L) PSS13	Solar	125	775/1100	19.06.2025
	19	220/33 kV Devasar	Ayana Renewable Power Four Private Limited (ARP4PL)	Wind	62.7	62.7/112.5	26.06.2025
	20	220/33 kV Washi	TEQ Green Power XI Private Limited (TGPIXPL)	Wind	64.8	64.8/64.8	24.06.2025
	21	220/33 kV Chikali Parmar Malwa	Blue Leaf Energy Renewable Private Limited (BLERPL)	Wind	82.5	82.5/115.5	24.06.2025
	22	400/33 kV Khavda PSS-4	Ambuja Cements Limited (ACL) PSS4	Wind	31.2	31.2/156	19.06.2025
	23	400/33 kV Khavda PSS-10	Adani Green Energy Twenty Six B Limited (AGE26BL) PSS10	Wind	119.6	119.6/156	27.06.2025
	24	400/33 kV Khavda PSS-4	Adani Hybrid Energy Jaisalmer Five Limited (AHEJ5L) PSS4	Wind	10.4	62.4/62.4	19.06.2025
	25	220KV/33KV Serentica GADAG 220KV GADAG PS-1	M/s Serentica Renewables India 3 Pvt. Ltd.	Lot-1 (WTG's)	55.44	55.44	30.06.2025
	26	220KV IRCON Solar PSS / PAVAGADA	IRCON Renewable Power Limited	Solar (Lot-6)	100	325	19.06.2025
ER	27	SAGARDIGHI	WBPDCL/ Sagardighi Unit-5	Thermal	660	3300	21.06.2025
				Total Thermal Generation addition	660		
				Total Solar Generation addition	1926		
				Total Wind Generation addition	427		
Interconnecting/Generator/Station Transformers							
REGION	S.NO.	Agency/Owner	Sub-Station	ICT No.	Voltage Level (kV)	Capacity (MVA)	DATE
NR	1	EDEN RAPL	Eden RAPL SL BH2D PG	1	220/33kV	150	10.06.2025
	2	NTPC REL Khavda PSS2	400/33 kV NTPC REL Khavda PSS2	400/33 kV ICT-3	400/33	315	09.06.2025
WR	3	Teq Green Power XI Private Limited	220/33 kV Washi TGPIXPL	220/33 kV ICT-1	220/33	185	19.06.2025
	4	Teq Green Power XI Private Limited	220/33 kV Washi TGPIXPL	220/33 kV ICT-2	220/33	185	19.06.2025
	5	Blue Leaf Renewable Energy Private Limited	220/33 kV Chikli Parmar BLERPL	220/33 kV ICT-1	220/33	110	27.06.2025
	6	Blue Leaf Renewable Energy Private Limited	220/33 kV Chikli Parmar BLERPL	220/33 kV ICT-2	220/33	110	26.06.2025
	7	WBPDCL	SAGARDIGHI	400KV/21KV 810 MVA GT 5 AT SAGARDIGHI	400	810	21.06.2025
ER	8	Aditya Aluminium	ADITYA ALUMINIUM(AA)	400KV/220KV 315 MVA ICT 2 AT ADITYA ALUMINIUM(AA)	400	315	03.06.2025
	9	Aditya Aluminium	ADITYA ALUMINIUM(AA)	400KV/220KV 315 MVA ICT 1 AT ADITYA ALUMINIUM(AA)	400	315	03.06.2025
	10	PGCIL ER-II	GANGTOK	132KV/66KV 50 MVA ICT 3 AT GANGTOK	132	50	18.06.2025
	11	TANTRANSCO	400KV/110KV KORATTUR S/S	ICT-1	400/110KV/33 KV	200	03.06.2025
SR	12	TANTRANSCO	400KV/230KV KORATTUR S/S	ICT-3	400/230KV/33 KV	500	04.06.2025
	13	POWERGRID ER NER Transmission Limited	Namsai	ICT-4	220/132	160	01.06.2025
NER	14	POWERGRID ER NER Transmission Limited	Namsai	ICT-3	220/132	160	01.06.2026
				Total (MVA)	3565		
NEW TRANSMISSION LINES							
REGION	S.NO.	Agency/Owner	Line Name	Length (KM)	Conductor Type	DATE	
WR	1	POWERGRID ER WR Transmission Limited	400 KV Jeypore - Jagdalpur - 2	68.8	AL59	07.06.2025	
	2	POWERGRID ER WR Transmission Limited	400 KV Jeypore - Jagdalpur - 1	68.8	AL59	07.06.2025	
	3	POWERGRID KPS3 Transmission Limited	765 KV KPS3 - KPS2 line -1	15.0	AL59 Hexa Zebra	29.06.2025	
	4	Ayana Renewable Power 4 Private Ltd.	220 KV Bhuj - Devasar ARP4PL line	36.2	AL59	30.06.2025	
	5	Blue Leaf Renewable Energy Private Limited	220 KV Pachora - Chikli Parmar BLERPL line	3.5	AL59 Moose	25.06.2025	
	6	Teq Green Power XI Private Limited	220 KV Kallam - Washi TGPIXPL line	37.5	AL 59 Moose	19.06.2025	
ER	7	OPTCL	220KV-TURUMUNGA(OPTCL)-KEONJHOR(PG)-1	17.3	ACSR ZEBRA	05.06.2025	
	8	OPTCL	220KV-TURUMUNGA(OPTCL)-KEONJHOR(PG)-2	17.3	ACSR ZEBRA	04.06.2025	
NER	9	POWERGRID ER NER Transmission Limited	220 KV Kathalguri-Namsai Circuit-I	71.1	ACSR Zebra	01.06.2025	
	10	POWERGRID ER NER Transmission Limited	220 KV Kathalguri-Namsai Circuit-II	71.1	ACSR Zebra	01.06.2026	
			Total length (km)	406.5			
ANTI-THEFT CHARGING OF NEW TRANSMISSION LINES							
REGION	S.NO.	Agency/Owner	Line Name	Length (KM)	Conductor Type	DATE	
		Nil					
LIO/RE-ARRANGEMENT OF EXISTING TRANSMISSION LINES							
REGION	S.NO.	Agency/Owner	Line Name/LIO at	Length (KM)	Conductor Type	DATE	
WR	1	GETCO	220 KV Tarapur - Sarigam (LIO of 220 KV Tarapur - Vapi at Sarigam)	75.72	Zebra 85	10.06.2025	
	2	GETCO	220 KV Vapi - Sarigam (LIO of 220 KV Tarapur - Vapi at Sarigam)	18.08	Zebra 85	10.06.2025	
BUS/LINE REACTORS							
REGION	S.NO.	Agency/Owner	Element Name	Voltage Level (kV)	Rating (MVar)	DATE	
NR	1	GPTL	400KV, 125 Bus Reactor 1 at Kadarpur (GPTL)	400kV	125	23-Jun-2025	
	2	POWERGRID KPS3 Transmission Limited	330 MVAR, Bus Reactor at KPS3	765 KV	330	30.06.2025	
ER	3	WBSETCL	125MVAR 400KV B/R-2 AT NEW PPSP	400	125	20.06.2025	
	4	POWERGRID ER NER Transmission Limited	50MVAR Bus Reactor at 220/132 KV Namsai Substation	220/132	50	01.06.2025	
			Total (MVar)	630			
HVDC / AC Filter bank / FACTS DEVICE associated System							
REGION	S.NO.	Agency/Owner	Element Name	SUB-STATION	Voltage Level (kV)	DATE	
WR	1	Adani Green Energy Limited	50 MVAR, SVG-3	400/33 kV Khavda PSS-5	33	24.06.2025	
	2	Adani Green Energy Limited	50 MVAR, SVG-4	400/33 kV Khavda PSS-4	33	21.06.2025	
	3	Adani Green Energy Limited	12 MVAR Harmonic filter bank 1	400/33 kV Khavda PSS-5	33	21.06.2025	
	4	Adani Green Energy Limited	50 MVAR, SVG-1	400/33 kV Khavda PSS-5	33	21.06.2025	
	5	Adani Green Energy Limited	50 MVAR, SVG-2	400/33 kV Khavda PSS-5	33	21.06.2025	
	6	Adani Green Energy Limited	12 MVAR Harmonic filter bank 7	400/33 kV Khavda PSS-4	33	20.06.2025	
	7	Adani Green Energy Limited	12 MVAR Harmonic filter bank 8	400/33 kV Khavda PSS-4	33	20.06.2025	
	8	Renew Green Energy Solutions Private Limited	Harmonic filter	400/33 KV Konhal RGEPL PSS-4	33	19.06.2025	
SR	9	ReNew Surya Ojas Private Limited	5.4 MVAR Harmonic Filter Bank	220KV/33KV Pooling Sub station 220KV KOPPAL PS	33	21.06.2025	
	10	ReNew Surya Ojas Private Limited	2.7 MVAR Harmonic Filter Bank	220KV/33KV Pooling Sub station 220KV KOPPAL PS	33	21.06.2025	

22. Voltage Profile

विद्युत विभाग रूपरेखा माह - जून 2025

VOLTAGE PROFILE - June 2025

Date of reporting: 04-Jul-25

क्र. सि. No.	लोक्त्र REGION	उपकेंद्र SUBSTATION	VOLTAGE < V(lower)* (V=380,728 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.वो.) Maximum(kV)	निम्नतम(कि.वो.) Minimum(kV)	औसत (कि.वो.) Average(kV)
1	पूर्वी क्षेत्र ER	अंगल ANGUL	0%	100%	0%	0%	0	786	751	770
2		दालिली DARLIPALI	0%	100%	0%	0%	0	786	761	772
3		गया GAYA	0%	100%	0%	0%	0	788	744	768
4		जीरत JEEART	0%	100%	0%	0%	0	793	699	765
5		झारखण्ड JHARSUGUDA	0%	100%	0%	0%	0	796	765	779
6		मिदनपुर MEDINIPUR	0%	100%	0%	0%	0	798	736	771
7		रांची RANCHI	0%	100%	0%	0%	0	794	747	775
8		सासाराम SASARAM	0%	100%	0%	0%	0	787	739	768
1	उत्तरी क्षेत्र NR	आगरा AGRA	0%	99%	1%	1%	4	806	740	778
2		आगरा (फेटहाबाद) AGRA (FATEHABAD)	0%	100%	0%	0%	0	802	741	774
3		अजमेर AJMER	0%	96%	4%	4%	29	809	746	786
4		अलीगढ़ ALIGARH	0%	100%	0%	0%	0	800	732	773
5		अलवाड़ी ANPARA-C	0%	100%	0%	0%	0	788	757	771
6		अलवाड़ी ANPARA-D	0%	100%	0%	0%	0	784	754	768
7		अला ANTA	0%	100%	0%	0%	0	799	749	783
8		बिलासी BALLIA	0%	100%	0%	0%	0	798	737	768
9		बारा BARA	0%	100%	0%	0%	0	797	758	777
10		भाड़ा BHADLA	0%	100%	0%	0%	0	799	740	783
11		भाड़ा-2 BHADLA-2	0%	100%	0%	0%	0	801	715	782
12		भिवाली BIHWANI	0%	99%	1%	1%	5	804	732	779
13		बिकानेर BIKANER	0%	100%	0%	0%	2	805	711	784
14		बिली BAREILLY	0%	100%	0%	0%	4	806	739	774
15		चित्तौरगढ़ CHITTORGARH	0%	96%	4%	4%	27	808	752	787
16		फटेहगढ़-2 FATEHGARH-2	0%	100%	0%	0%	0	796	703	779
17		फटेहपुर FATEHPUR	0%	100%	0%	0%	0	797	731	770
18		घासमपुर GHATAMPUR	0%	100%	0%	0%	0	799	731	767
19		ग्रेटर नोएडा GREATER NOIDA	0%	99%	1%	1%	5	804	737	776
20		हाउर HAPUR	0%	100%	0%	0%	1	804	732	770
21		जावाहरपुर JAWAHARPUR	0%	100%	0%	0%	0	798	742	757
22		झाटिका JHATIKARA	0%	100%	0%	0%	0	800	723	773
23		कानपुर जीआरपीसीएस KANPUR GIS	0%	100%	0%	0%	1	803	736	772
24		खेती KHETRI	0%	96%	4%	4%	32	806	722	781
25		कोटेश्वर KOTESHWAR	0%	100%	0%	0%	1	810	726	773
26		ललितपुर LALITPUR	0%	100%	0%	0%	0	787	742	760
27		लखनऊ LUCKNOW	0%	100%	0%	0%	1	803	732	768
28		मैनपुरी MAINPURI	0%	100%	0%	0%	0	794	735	764
29		मेरठ MEERUT	0%	99%	1%	1%	7	807	729	778
30		मेरठ(UP) MEERUT (UP)	0%	100%	0%	0%	0	803	731	770
31		मोगा MOGA	0%	100%	0%	0%	4	805	720	781
32		ओबा सी OBRA C	0%	100%	0%	0%	0	781	747	764
33		ओराई ORAI	0%	97%	3%	3%	20	809	726	781
34		फागी PHAGI	0%	99%	1%	1%	8	807	747	783
35		रामपुर RAMPUR	0%	98%	2%	2%	12	807	741	777
36		उन्नाव UNNAO	0%	100%	0%	0%	0	789	730	761
37		वाराणसी VARANASI	0%	100%	0%	0%	0	796	747	774
1	पश्चिमी क्षेत्र WR	अकोला AKOLA	0%	100%	0%	0%	0	798	744	771
2		ओरंगाबाद AURANGABAD	0%	100%	0%	0%	0	802	749	777
3		ओपोल (बीटीटीसीएस) BHOPAL (BDTCL)	0%	100%	0%	0%	0	795	742	768
4		भुज BHUJ	0%	100%	0%	0%	2	803	747	776
5		भुज-II BHUJ-II	0%	100%	0%	0%	0	799	742	771
6		बिलासपुर BILASPUR	0%	100%	0%	0%	0	786	753	768
7		बीना BINA	0%	99%	1%	1%	10	807	742	779
8		बदासकांठ BANSANKANTHA	0%	99%	1%	1%	10	811	754	783
9		चापा CHAMPA	0%	96%	4%	4%	28	808	768	786
10		धृते (बीटीटीसीएस) DHULE (BDTCL)	0%	100%	0%	0%	0	800	746	774
11		धरमजीवार DHARAMJAIGARH	0%	100%	0%	0%	0	790	752	766
12		रायपुर पॉलिंग RAIPUR POOLING	0%	100%	0%	0%	0	789	761	778
13		एकटुनी EKTUNI	0%	100%	0%	0%	0	798	739	771
14		गदरवारा GADARWARA	0%	97%	3%	3%	20	809	748	784
15		गवालीर GWALIOR	0%	99%	1%	1%	8	806	740	779
16		इंदौर INDORE	0%	100%	0%	0%	0	797	742	769
17		जालपुर JABALPUR	0%	97%	3%	3%	23	812	744	782
18		खंडवा KHANDWA	0%	100%	0%	0%	0	799	747	773
19		कोरडी KORADI	0%	100%	0%	0%	0	783	747	766
20		लकड़ीया LAKADIYA	0%	99%	1%	1%	9	809	754	783
21		रायगढ़ पॉलिंग RAIGARH POOLING	0%	100%	0%	0%	0	795	765	778
22		पांडी PADGHE	0%	100%	0%	0%	2	802	746	776
23		पर्ली PARLI	0%	98%	2%	2%	14	806	760	786
24		पुणे PUNE	0%	99%	1%	1%	9	805	752	781
25		राजनन्दगांव RAJNANDGAON	0%	98%	2%	2%	15	807	765	785
26		सासारा SASAN	0%	100%	0%	0%	0	796	755	779
27		सातना SATNA	0%	98%	2%	2%	17	806	751	784
28		सिवनी SEONI	0%	100%	0%	0%	2	804	751	779
29		सिनप सी SIPAT	0%	100%	0%	0%	0	785	754	769
30		सोलापुर SOLAPUR	0%	99%	1%	1%	10	805	755	783
31		तिरोडा TIRORA	0%	100%	0%	0%	0	777	744	763
32		तामनार TAMNAR	0%	100%	0%	0%	0	794	763	777
33		वाडोदारा VADODARA	0%	99%	1%	1%	4	804	755	781
34		विध्वंश वारोडा VINDHYACHAL PS	0%	100%	0%	0%	0	800	759	782
35		वार्डा WARDHA	0%	99%	1%	1%	10	808	754	784
36		वारोडा WARORA	0%	99%	1%	1%	5	805	754	785
1	दक्षिणी क्षेत्र SR	अरियलर ARIYALUR	0%	96%	4%	4%	30	807	765	788
2		कुदापा CUDDAPAH	0%	93%	7%	7%	49	810	760	784
3		चिलकलिपोर्ट CHILAKALURIPETA	0%	100%	0%	0%	2	804	757	781
4		कुर्नोल KURNOL	0%	100%	0%	0%	0	800	742	776
5		महेश्वर MAHESWARAM	0%	96%	4%	4%	28	807	762	785
6		निजामाबाद NIZAMABAD	0%	93%	7%	7%	50	810	758	790
7		नेल्लोर पॉलिंग NELLORE PS	0%	100%	0%	0%	0	796	748	773
8		नोर्थ चेन्ऩई वारोडा NORTH CHENNAI PS	0%	100%	0%	0%	0	801	747	779
9		रायचुर RAICHUR	0%	99%	1%	1%	5	804	744	779
10		श्रीकाकुलम SRIKAKULAM	0%	100%	0%	0%	0	801	751	778
11		तिरुवलामी THIRUVALEM	0%	100%	0%	0%	0	800	744	777
12		वेमागिरी VEMAGIRI	0%	99%	1%	1%	4	803	755	780
13		वारंगल WARANGAL	0%	100%	0%	0%	0	799	748	778
1	पूर्वोत्तर क्षेत्र NER	बालिपारा BALIPARA (400 kV)	0%	100%	0%	0%	0	414	391	403
2		बिस्वानाथ चारिली BISWANATH CHARIALI (400 kV)	0%	100%	0%	0%	0	413	391	401
3		बोंगागांव BONGAIGAON (400 kV)	0%	100%	0%	0%	0	415	394	406
4		बोंगागांव टीपीसीएस BONGAIGAON TPS (400 kV)	0%	100%	0%	0%	0	417	396	407
5		इम्फ़ाल IMPHAL (400 kV)	0%	100%	0%	0%	0	416	394	403
6		बिर्निहाट BYRNTHA (400 kV)	0%	100%	0%	0%	0	417	398	407
7		कामेंग KAMENG (400 kV)	0%	100%	0%	0%	0	414	392	403
8		अराजा AZARA (400 kV)	0%	100%	0%	0%	0	410	398	405
9		मिसा MISA (400 kV)	0%	100%	0%	0%	0	412	393	402
10		न्यू नेवरिनासी NEW MARIANI (400 kV)	0%	100%	0%	0%	0	414	395	404
11		न्यू कोहिमा NEW KOHIMA (400 kV)	0%	100%	0%	0%	0	417	393	404
12		पालताना PALATANA (400 kV)	0%	100%	0%	0%	0	413	400	406
13		पंकजमार्ग पॉलीमोरंगा PK BARI (400 kV)	0%	100%	0%	0%	0	412	396	403
14		रामानाथी RANGANADI (400 kV)	0%	100%	0%	0%	0	415	393	405
15		सिल्चर SILCHAR (400 kV)	0%	100%	0%	0%	0	416	397	406
16		सुर्जनगांव SURJANAGANAGAR (400 kV)	0%	100%	0%	0%	0	412	395	402
17		थोबाल THOUBAL (400 kV)	0%	100%	0%	0%	0	412	390	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

30-06-2025

	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	315 31-05-2025	160.2 24-04-2025
SR	69942 21-03-2025	55925 28-03-2025	1458 28-03-2025	208 31-08-2018	323 26-07-2024	155.5 06-03-2025
ER	33014 13-06-2025	30636 13-06-2025	702 14-06-2025	157 14-09-2022	-	4.76 02-05-2025
NER	3938 13-06-2025	3829 13-06-2025	80 20-09-2024	43 27-06-2024	-	2.4 22-06-2022
All India	250070 30-05-2024	232191 09-06-2025	5466 30-05-2024	877 30-08-2022	640 31-05-2025	534 23-04-2025
Regions	States	Max. Demand Met during the day (MW)		Energy Consumption (MU)		
			As on date			As on date
NR	Punjab	16882	11-06-2025	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(U) 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	1406	26-06-2025	32.6	16-10-2024	
	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	545	03-05-2025	11.8	31-05-2024	
	Bihar	8428	12-06-2025	177.3	14-06-2025	
	DVC	3674	14-06-2024	81.2	22-04-2022	
	Jharkhand	2406	13-06-2025	52.5	14-06-2025	
	Odisha	7055	02-06-2025	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	198	26-05-2024	4.1	10-06-2025	
	Assam	2717	13-06-2025	55.8	20-09-2024	
	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	191	12-06-2025	3.9	23-06-2025	
*SR	Tripura	386	04-05-2024	7.3	02-06-2024	
	Andhra Pradesh (Undivided)	13162	23-03-2014	284.8	22-03-2014	

24. System Reliability Indices Report for the month of Jun 2024

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	102	25.50	3.66
2	ER-NR	4	1.00	0.14
3	Import of NR	54	13.50	1.94
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	39	9.75	1.40
2	ER-NR	0	0.00	0.00
3	Import of NR	17	4.25	0.61
4	NEW-SR	0	0.00	0.00
4	NER Import	5	1.25	0.18

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