



National Load Despatch Centre
राष्ट्रीय भार प्रेषण केंद्र
GRID CONTROLLER OF INDIA LIMITED
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016
बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: GRID-INDIA/NLDC/SO/Daily PSP Report

दिनांक: 21.04.2025

To,

- कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
- कार्यकारी निदेशक, ऊ.क्षे.भा.प्रे.के., 18/ए, शाहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
- कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
- कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतेह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- कार्यकारी निदेशक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 20.04.2025.

महोदय/Sir,

आईईजीसी-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 20-अप्रैल-2025 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके की वेबसाइट पर उपलब्ध है।

As per article 38(1) of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 20.04.2025, is available at the NLDC website.

धन्यवाद,
Thanks

Report for previous day

Date of Reporting: 21-Apr-2025

A. Power Supply Position at All India and Regional level

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	64364	67262	47615	26901	2815	208957
Peak Shortage (MW)	0	0	0	112	0	112
Energy Met (MU)	1361	1663	1208	586	54	4873
Hydro Gen (MU)	211	35	68	36	12	363
Wind Gen (MU)	33	133	71	-	-	237
Solar Gen (MU)*	214.44	150.04	138.14	3.40	0.95	507
Energy Shortage (MU)	0.08	0.07	0.00	0.29	0.00	0.44
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	66253	72469	55364	28275	2821	215758
Time Of Maximum Demand Met	22:05	15:59	14:48	23:41	18:44	00:00

B. Frequency Profile (%)

Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05
All India	0.029	0.00	0.54	2.56	3.10	77.21	19.69

C. Power Supply Position in States

Region	States	Max.Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)	Energy Shortage (MU)
NR	Punjab	8469	0	163.6	68.8	-2.0	426	0.00
	Haryana	9032	0	172.3	116.2	-0.7	412	0.00
	Rajasthan	14524	0	313.1	89.4	-4.2	1019	0.00
	Delhi	5542	0	109.9	98.6	-1.3	193	0.00
	UP	24519	0	465.9	163.2	1.5	361	0.00
	Uttarakhand	2144	0	44.6	28.2	1.0	298	0.08
	HP	1540	0	30.6	9.7	-0.5	234	0.00
	J&K(UT) & Ladakh(UT)	2580	0	52.0	34.6	-2.3	233	0.00
	Chandigarh	253	0	5.0	5.0	0.1	24	0.00
WR	Railways_NR ISTS	202	0	4.2	3.9	0.4	42	0.00
	Chhattisgarh	6550	0	148.6	90.2	-0.7	354	0.07
	Gujarat	22962	0	477.3	186.1	0.1	761	0.00
	MP	14030	0	306.9	171.2	-2.4	398	0.00
	Maharashtra	28971	0	648.5	241.6	-0.8	911	0.00
	Goa	748	0	16.2	15.6	0.2	60	0.00
	DNHDDPDCL	1302	0	29.8	30.4	-0.6	50	0.00
	AMNSIL	894	0	19.6	9.4	-0.2	264	0.00
	BALCO	534	0	12.8	12.7	0.1	16	0.00
SR	RIL JAMNAGAR	159	0	2.8	2.8	0.0	0	0.00
	Andhra Pradesh	11932	0	237.8	72.1	0.1	992	0.00
	Telangana	10539	0	224.2	96.3	0.1	879	0.00
	Karnataka	13345	0	265.7	91.1	-2.6	692	0.00
	Kerala	4970	0	91.1	72.5	-0.2	311	0.00
	Tamil Nadu	16895	0	378.9	217.3	-2.0	981	0.00
	Puducherry	526	0	10.8	10.7	0.0	59	0.00
ER	Bihar	6869	0	132.6	127.7	-1.4	285	0.29
	DVC	3288	0	71.3	-41.0	0.7	294	0.00
	Jharkhand	2050	0	44.0	31.9	1.5	262	0.00
	Odisha	6076	0	123.4	32.3	-0.1	548	0.00
	West Bengal	10475	0	213.9	84.5	0.7	687	0.00
	Sikkim	67	0	1.0	1.1	-0.2	6	0.00
	Railways_ER ISTS	19	0	0.2	0.2	0.0	0	0.00
NER	Arunachal Pradesh	181	0	2.8	3.2	-0.6	18	0.00
	Assam	1746	0	34.1	27.3	0.0	150	0.00
	Manipur	194	0	2.8	2.9	-0.1	22	0.00
	Meghalaya	306	0	5.4	4.4	-0.3	69	0.00
	Mizoram	111	0	1.6	1.7	-0.4	17	0.00
	Nagaland	145	0	2.6	2.6	0.0	17	0.00
	Tripura	291	0	5.0	4.9	0.5	96	0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	1.6	-13.3	-24.3	-28.8
Day Peak (MW)	354.0	-801.1	-1037.0	-1374.0

E. Import/Export by Regions (in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	100.9	-200.7	168.2	-78.8	10.3	0.0
Actual(MU)	86.3	-166.7	138.6	-73.3	9.1	-5.9
O/D/U/D(MU)	-14.6	34.0	-29.6	5.5	-1.2	-5.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4814	8461	4218	1978	361	19832	45
State Sector	7899	9940	4466	2119	139	24563	55
Total	12713	18401	8684	4097	500	44395	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	826	1531	703	711	14	3785	72
Lignite	21	17	45	0	0	83	2
Hydro	211	35	68	36	12	363	7
Nuclear	34	65	71	0	0	170	3
Gas, Naptha & Diesel	15	18	8	0	24	64	1
RES (Wind, Solar, Biomass & Others)	259	287	237	5	1	789	15
Total	1365	1953	1132	753	51	5254	100

Share of RES in total generation (%)	18.98	14.70	20.96	0.67	1.88	15.03
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	36.92	19.84	33.24	5.49	25.70	25.16

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.043
Based on State Max Demands	1.089

I. All India Peak Demand and shortage at Solar and Non-Solar Hour

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	205048	15:03	0
Non-Solar hr	215758	0:00	146

Diversity factor = Sum of regional or state maximum demands / All India maximum demand
**Note: All generation MU figures are gross
***Godda (Jharkhand) -> Bangladesh power exchange is through the radial connection (isolated from Indian Grid)
Solar Hours -> 06:00 to 18:00hrs and rest are Non-Solar Hours
*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)

Date of Reporting: 21-Apr-2025

Sl No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER (With NR)								
1	HVDC	ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
2	HVDC	PUSAULI B/B	-	0	47	0.0	2.4	-2.4
3	765 kV	GAYA-VARANASI	2	1138	799	0.0	0.8	-0.8
4	765 kV	SASARAM-FATEHPUR	1	489	410	0.0	0.9	-0.9
5	765 kV	GAYA-BALIA	1	169	688	0.0	7.1	-7.1
6	400 kV	PUSAULI-VARANASI	1	0	170	0.0	2.0	-2.0
7	400 kV	PUSAULI -ALLAHABAD	1	73	72	0.0	0.2	-0.2
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	868	355	2.8	0.0	2.8
9	400 kV	PATNA-BALIA	2	571	644	0.0	4.3	-4.3
10	400 kV	NAUBATPUR-BALIA	2	302	189	0.0	0.6	-0.6
11	400 kV	BIHARSHARIFF-BALIA	2	692	63	5.8	0.0	5.8
12	400 kV	MOTIHARI-GORAKHPUR	2	384	357	0.0	1.5	-1.5
13	400 kV	BIHARSARIFF-SAHUPURI	2	0	0	0.0	0.3	-0.3
14	220 kV	SAHUPURI-KARAMNASA	1	8	46	0.0	0.6	-0.6
15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.1	0.0	0.1
16	132 kV	GARWAH-RIHAND	1	30	0	0.7	0.0	0.7
17	132 kV	KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
18	132 kV	KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
ER-NR						9.4	20.7	-11.3
Import/Export of ER (With WR)								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	1263	879	0.0	1.5	-1.5
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1449	524	12.6	0.0	12.6
3	765 kV	JHARSUGUDA-DURG	2	0	1135	0.0	17.1	-17.1
4	400 kV	JHARSUGUDA-RAIGARH	4	0	713	0.0	10.8	-10.8
5	400 kV	RANCHI-SIPAT	2	288	301	0.0	0.5	-0.5
6	220 kV	BUDHIPADAR-RAIGARH	1	9	134	0.0	1.8	-1.8
7	220 kV	BUDHIPADAR-KORBA	2	121	110	0.0	0.5	-0.5
ER-WR						12.6	32.1	-19.5
Import/Export of ER (With SR)								
1	HVDC	JEYPORE-GAZUWAKA B/B	2	108	627	0.0	0.3	-0.3
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1777	0.0	45.8	-45.8
3	765 kV	ANGUL-SRIKAKULAM	2	0	3056	0.0	45.2	-45.2
4	400 kV	TALCHER-I/C	2	383	977	0.0	6.5	-6.5
5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
ER-SR						0.0	91.3	-91.3
Import/Export of ER (With NER)								
1	400 kV	BINAGURI-BONGAIGAON	2	328	39	2.7	0.1	2.6
2	400 kV	ALIPURDUAR-BONGAIGAON	2	475	117	3.7	0.0	3.7
3	220 kV	ALIPURDUAR-SALAKATI	2	99	14	1.0	0.0	1.0
ER-NER						7.3	0.1	7.3
Import/Export of NER (With NR)								
1	HVDC	BISWANATH CHARIALI-AGRA	2	945	0	16.1	0.0	16.1
NER-NR						16.1	0.0	16.1
Import/Export of WR (With NR)								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	1218	0.0	29.7	-29.7
2	HVDC	VINDHYACHAL B/B	-	97	0	2.4	0.0	2.4
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1459	0.0	30.5	-30.5
4	765 kV	GWALIOR-AGRA	2	556	2416	2.8	19.9	-17.2
5	765 kV	GWALIOR-PHAGI	2	1657	1428	10.4	14.3	-3.9
6	765 kV	JABALPUR-ORAI	2	500	1164	0.0	15.7	-15.7
7	765 kV	GWALIOR-ORAI	1	837	0	10.3	0.0	10.3
8	765 kV	SATNA-ORAI	1	0	1168	0.0	14.6	-14.6
9	765 kV	BANASKANTHA-CHITORGARH	2	1429	448	13.8	0.7	13.1
10	765 kV	VINDHYACHAL-VARANASI	2	0	2828	0.0	41.6	-41.6
11	400 kV	ZERDA-KANKROLI	1	348	73	3.8	0.1	3.8
12	400 kV	ZERDA -BHINMAL	1	240	50	2.7	0.1	2.6
13	400 kV	VINDHYACHAL -RIHAND	1	960	0	19.7	0.0	19.7
14	400 kV	RAPP-SHUJALPUR	2	673	363	5.2	2.1	3.1
15	400 kV	NEEMUCH-Chittorgarh	2	784	373	7.1	1.6	5.5
16	220 kV	BHANPURA-RANPUR	1	0	148	0.0	2.8	-2.8
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	2.5	-2.5
18	220 kV	MEHGAON-AURAIYA	1	77	10	0.9	0.0	0.9
19	220 kV	MALANPUR-AURAIYA	1	55	27	0.7	0.0	0.6
20	132 kV	GWALIOR-SAWAI MADHOPUR	1	0	0	0.0	0.0	0.0
21	132 kV	RAIGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
WR-NR						79.8	176.2	-96.4
Import/Export of WR (With SR)								
1	HVDC	BHADRAWATI B/B	-	0	1013	0.0	24.0	-24.0
2	HVDC	RAIGARH-PUGALUR	2	0	3508	0.0	67.5	-67.5
3	765 kV	SOLAPUR-RAICHUR	2	1776	884	17.1	2.3	14.9
4	765 kV	WARDHA-NIZAMABAD	2	208	2450	0.1	20.1	-20.0
5	765 kV	WARORA-WARANGAL(NEW)	2	59	2831	0.0	25.2	-25.2
6	400 kV	KOLHAPUR-KUDGI	2	1793	0	29.9	0.0	29.9
7	220 kV	KOLHAPUR-CHIKODI	2	0	0	0.0	0.0	0.0
8	220 kV	PONDA-AMBEWADI	1	0	0	0.0	0.0	0.0
9	220 kV	XELDEM-AMBEWADI	1	0	117	2.3	0.0	2.3
WR-SR						49.4	139.0	-89.6

INTERNATIONAL EXCHANGES					Import(+ve)/Export(-ve)	
State	Region	Line Name	Max (MW)	Min (MW)	Avg (MW)	Energy Exchange (MU)
BHUTAN	ER	400kV MANGDECHHU-ALIPURDUAR 1,2&3 I.e. ALIPURDUAR RECEIPT (from MANGDECHU HEP 4*180MW)	433	117	308	7.40
	ER	400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) I.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)	-276	57	-78	-1.88
	ER	220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) I.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)	-248	-119	-169	-4.05
	NER	132kV GELEPHU-SALAKATI	-16	1	-9	-0.22
	NER	132kV MOTANGA-RANGIA	27	2	16	0.39
NEPAL	NR	NEPAL IMPORT (FROM UP)	0	0	0	-1.28
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)	0	0	0	-1.26
	ER	NEPAL IMPORT (FROM BIHAR)	-198	0	-95	-2.27
	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2	-603	-2	-355	-8.51
BANGLADESH	ER	BHERAMARA B/B HVDC (B'DESH)	-933	-885	-926	-22.23
	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RAHANPUR (B'DESH) D/C	-1374	-849	-1198	-28.76
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2	-104	0	-84	-2.02

Export From India (in MU)

Country	GNA (ISGS/PPA)	T-GNA							TOTAL
		BILATERAL TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	0.00	0.40	4.15	0.00	0.00	0.00	0.00	0.00	4.55
Nepal	2.35	0.00	3.00	0.00	0.00	4.39	0.00	0.00	9.74
Bangladesh	23.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.04
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	25.39	0.40	7.15	0.00	0.00	4.39	0.00	0.00	37.33

Import by India(in MU)

Country	GNA (ISGA/PPA)	T-GNA							TOTAL
		BILATERAL TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	5.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.66
Nepal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bangladesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Import	5.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.66

Net from India(in MU)

-ve : Export / +ve : Import

Country	GNA (ISGS/PPA)	T-GNA							TOTAL
		BILATERAL TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	5.66	-0.40	-4.15	0.00	0.00	0.00	0.00	0.00	1.11
Nepal	-2.35	0.00	-3.00	0.00	0.00	-4.39	0.00	0.00	-9.74
Bangladesh	-23.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.04
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	-19.73	-0.40	-7.15	0.00	0.00	-4.39	0.00	0.00	-31.67

15 Min (INSTANTANEOUS) ALL INDIA GRID FREQUENCY, GENERATION & DEMAND MET (SCADA DATA)												
TIME	FREQUENCY (Hz)	DEMAND MET (MW)	NUCLEAR (MW)	WIND (MW)	SOLAR (MW)	HYDRO** (MW)	GAS (MW)	THERMAL (MW)	OTHERS* (MW)	NET DEMAND MET (MW)	TOTAL GENERATIO N (MW)	NET TRANSNATIONAL EXCHANGE (MW) (+ve) Import, (-ve)
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I=A- (C+D))	(J=B+C+D+E +F+G+H)	(K)
0:00	50.01	215758	6290	12507	53	21740	3669	172390	1876	203198	218525	-1177
0:15	50.01	214509	6294	12499	56	20831	3450	172324	1867	201954	217321	-1230
0:30	50.01	214257	6284	12537	56	20883	3280	172133	1875	201664	217048	-1299
0:45	50.06	213263	6293	12728	48	20606	3274	171224	1859	200487	216032	-1309
1:00	50.06	211465	6289	12963	47	19541	3065	170611	1863	198455	214379	-1346
1:15	50.06	209384	6296	13366	42	17937	2888	169858	1846	195976	212233	-1339
1:30	50.06	207816	6290	13671	47	17083	2835	169172	1893	194098	210991	-1348
1:45	50.06	207052	6299	13847	56	16776	2784	168337	1871	193149	209970	-1416
2:00	50.06	205491	6309	13902	50	16244	2762	167083	1899	191539	208249	-1433
2:15	50.06	204468	6312	13953	49	15319	2724	167063	1817	190466	207237	-1426
2:30	50.06	203572	6323	13859	50	14528	2698	167079	1806	189663	206343	-1444
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3:00	50.01	201548	6316	13185	42	13889	2645	166334	1773	188321	204184	-1426
3:15	50.01	200954	6316	13010	46	13728	2623	166241	1770	187898	203734	-1444
3:30	50.01	200056	6326	12765	46	13788	2585	165556	1786	187245	202852	-1433
3:45	50.01	199534	6327	12535	49	13963	2575	165048	1788	186950	202285	-1404
4:00	50.01	198584	6339	12277	43	14077	2500	164172	1798	186264	201206	-1414
4:15	50.01	198962	6320	12070	46	13513	2495	165305	1816	186846	201565	-1301
4:30	50.01	199209	6325	12077	52	13497	2519	165572	1832	187080	201874	-1225
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5:00	50.06	199265	6345	11595	59	13582	2519	165933	1775	187611	201808	-1123
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6:00	50.06	200226	6335	10773	53	14743	2503	166376	1829	189400	202612	-1104
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6:30	50.01	200734	6356	10313	1404	15736	3316	165261	1634	189017	204020	-1394
6:45	50.06	199306	6356	10019	3284	15617	2594	162686	1840	186003	202396	-1814
7:00	50.06	197850	6366	9436	6000	16163	2471	158454	1866	182414	200756	-1952
7:15	50.01	197133	6353	8802	9308	15254	2454	155443	1873	179023	199487	-1901
7:30	50.06	195367	6354	8011	13282	14714	2592	150735	1993	174074	197681	-1915
7:45	50.01	194154	6359	7419	17965	13496	2464	146679	1960	168770	196342	-1893
8:00	50.06	193480	6350	7069	22838	12665	2588	142511	1976	163573	195997	-1941
8:15	49.96	193901	6326	6845	27767	12667	2445	138212	2049	159289	196311	-1959
8:30	50.01	194862	6325	6794	32508	12387	2447	135097	2005	155560	197563	-1995
8:45	50.01	195351	6326	6474	37091	12232	2575	132135	2130	151786	198963	-1983
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9:30	50.01	198797	6321	5471	48446	11646	2567	125525	2052	144880	202028	-2001
9:45	50.01	199459	6303	5260	52387	11703	2437	123463	2067	141812	203620	-1956
10:00	50.06	199304	6316	5014	54885	11454	2448	121069	2114	139405	203300	-1976
10:15	50.01	198646	6305	4777	57296	10772	2417	119076	2110	136573	202753	-1955
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11:00	50.01	200888	6301	4287	61501	9913	2550	118498	2159	135100	205209	-1914
11:15	50.01	200065	6292	4101	62500	8845	2546	118227	2070	133464	204581	-1900
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11:45	50.01	199856	6294	4076	63516	8682	2542	117100	2070	132264	204280	-1769
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12:15	50.00	198801	6298	4249	63133	8624	2499	116145	2063	131419	203011	-1745
12:30	50.06	198746	6289	4396	63777	8545	2492	115533	2122	130573	203154	-1752
12:45	50.00	198366	6285	4628	63323	8469	2485	115464	2109	130415	202763	-1734
13:00	50.05	197984	6265	4870	62949	8379	2479	115624	2089	130165	202655	-1779
13:15	50.00	197281	6287	5176	62350	7861	2485	115392	2107	129755	201658	-1778
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13:45	49.95	198904	6275	5719	61411	8630	2489	116668	2089	131774	203281	-1722
14:00	49.95	199649	6273	6048	60613	8886	2479	117494	2057	132988	203850	-1731
14:15	50.01	201010	6274	6432	59288	8977	2481	119602	2044	135290	205098	-1748
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14:45	50.06	204211	6274	7004	56767	9432	2478	124098	2026	140440	208079	-1717
15:00	50.06	204801	6271	7371	54719	9238	2514	126345	2019	142711	208477	-1723
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15:30	50.06	204667	6282	8079	49006	9485	2559	131109	1886	147582	208406	-1693
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16:00	50.06	204043	6287	9237	42536	10079	2548	135215	1896	152270	207798	-1508
16:15	50.01	202562	6289	9384	38947	10591	2554	136526	1882	154231	206173	-1425
16:30	50.06	201762	6289	9730	34991	11050	2551	138874	1861	157041	205346	-1396
16:45	50.01	201388	6298	10157	30658	10868	2559	142316	1846	160573	204702	-1348
17:00	50.01	199884	6289	10522	26472	11011	2569	144598	1788	162890	203249	-1199
17:15	50.01	197322	6304	10398	22422	10715	2592	145822	1831	164502	200084	-841

17:30	50.01	195629	6283	10674	16957	11721	2572	148159	1790	167998	198156	-831
17:45	50.01	193919	6287	10449	12863	12476	2506	149995	1748	170607	196324	-832
18:00	50.06	192838	6292	10575	8955	13212	3294	151853	1613	173308	195794	-856
18:15	50.06	192585	6276	10687	5764	13683	2697	153691	1583	176134	194381	-830
18:30	50.06	195841	6281	10759	3440	15665	2781	157021	1589	181642	197536	-855
18:45	50.01	199655	6280	10775	1737	17806	2781	160554	1594	187143	201527	-791
19:00	50.01	203052	6276	10737	775	18587	2809	163979	1602	191540	204765	-776
19:15	50.00	206281	6288	11081	474	20227	2841	166327	1594	194726	208832	-835
19:30	50.00	209441	6279	11137	409	21706	2833	167360	1629	197895	211353	-823
19:45	50.00	209805	6269	11672	395	21328	2831	167494	1901	197738	211890	-870
20:00	50.00	209387	6264	11883	380	21258	2860	166862	1844	197124	211351	-921
20:15	50.00	209086	6306	11765	364	20648	2893	167295	1870	196957	211141	-1052
20:30	50.00	209252	6298	11667	352	20242	2921	168104	1893	197233	211477	-1049
20:45	50.00	209361	6287	11530	380	20400	2852	168500	1919	197451	211868	-1146
21:00	50.00	209816	6292	11560	403	19739	2860	169512	1887	197853	212253	-1115
21:15	50.00	210562	6292	11766	404	20399	2864	169465	1920	198392	213110	-1277
21:30	50.00	211548	6282	11595	389	21248	2857	169861	1876	199564	214108	-1286
21:45	50.00	211758	6286	11504	362	21076	2863	170383	1878	199892	214352	-1263
22:00	50.00	212533	6284	11560	363	21021	2861	171089	1895	200610	215073	-1229
22:15	49.90	213577	6286	11697	133	20767	2931	172396	1886	201747	216096	-1212
22:30	49.90	213941	6292	11674	69	21631	2989	172121	1893	202198	216669	-1234
22:45	49.85	213667	6300	11287	56	21202	3056	172598	1906	202324	216405	-1202
23:00	49.95	212821	6297	11058	49	20898	3127	172187	1945	201714	215561	-1258
23:15	49.80	213142	6291	10811	59	21195	3129	172546	1898	202272	215929	-1237
23:30	50.00	212554	6282	10877	65	20893	3116	172317	1928	201612	215478	-1351
23:45	49.95	212106	6289	10954	60	20491	3154	172019	1926	201092	214893	-1362

*Others include (i) Biomass from Punjab (ii) Some of the state sector IPP & non-conventional generation in SR (small capacity) (iii) Solar generation in Odisha(manually punched).

** Hydro generation is excluding Bhutan hydro.

***Bhutan hydro is accounted for in net transnational exchange.

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