



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: 21.02.2025

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, शहीद 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., डोंगतिह, 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 20.02.2025.

महोदय/Sir,

आईईजीसी-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 20-फ़रवरी-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 20.02.2025, is available at the NLDC website.

धन्यवाद,
Thanks

Report for previous day

Date of Reporting: 21-Feb-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 19:00 hrs; from RLDCs)	54142	68907	51294	22243	2713	199299
Peak Shortage (MW)	243	234	0	239	39	755
Energy Met (MU)	1140	1644	1379	476	50	4689
Hydro Gen (MU)	97	40	99	24	8	268
Wind Gen (MU)	12	69	36	-	-	116
Solar Gen (MU)*	190.88	125.82	140.59	3.00	1.16	461
Energy Shortage (MU)	0.25	0.30	0.00	0.37	0.27	1.19
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	58876	78422	67911	23043	2774	227682
Time Of Maximum Demand Met	10:40	10:14	09:53	18:23	17:52	09:52

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	0.061	0.38	3.34	8.22	11.94	72.68	15.38

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	6512	0	123.3	47.9	-4.4	382	0.00
	Harvana	6977	0	137.1	76.9	-2.3	184	0.02
	Rajasthan	17051	0	326.7	113.3	-5.1	508	0.00
	Delhi	4075	0	73.1	60.5	-0.5	296	0.00
	UP	18787	0	332.6	96.5	-2.3	366	0.00
	Uttarakhand	2256	0	44.0	33.3	1.5	204	0.00
	HP	1996	0	38.1	32.6	-0.8	103	0.00
	J&K(UT) & Ladakh(UT)	2893	0	57.9	57.4	-3.2	763	0.23
	Chandigarh	221	0	3.7	3.7	0.0	25	0.00
	Railways_NR ISTS	203	0	4.2	3.9	0.3	35	0.00
WR	Chhattisgarh	6064	0	135.7	68.6	0.5	689	0.30
	Gujarat	23215	0	451.8	191.4	-0.7	3603	0.00
	MP	17134	0	341.1	213.1	-4.2	1634	0.00
	Maharashtra	29278	0	634.1	231.5	-0.1	2580	0.00
	Goa	751	0	15.6	14.4	0.7	55	0.00
	DNHDDPDCL	1314	0	30.6	30.5	0.1	42	0.00
	AMNSIL	788	0	17.5	10.8	-0.4	198	0.00
	BALCO	531	0	12.7	12.7	0.0	528	0.00
	RIL JAMNAGAR	195	0	4.6	4.7	-0.1	0	0.00
	Andhra Pradesh	12645	0	241.3	66.6	-0.1	612	0.00
SR	Telangana	16289	0	314.9	200.0	-1.4	806	0.00
	Karnataka	18123	0	336.9	134.7	1.6	1349	0.00
	Kerala	4755	0	94.3	71.1	1.6	376	0.00
ER	Tamil Nadu	18584	0	382.2	228.8	-0.3	649	0.00
	Puducherry	436	0	9.7	8.8	0.2	75	0.00
	Bihar	5232	0	101.7	85.0	4.7	401	0.37
	DVC	3158	0	67.9	-38.0	0.0	373	0.00
	Jharkhand	1798	0	36.6	26.6	-1.0	252	0.00
	Odisha	5228	0	107.7	33.3	-0.5	350	0.00
	West Bengal	7443	0	159.5	26.1	-1.8	110	0.00
	Sikkim	120	0	1.9	2.1	-0.2	21	0.00
	Railways_ER ISTS	9	0	0.2	0.2	0.0	9	0.00
	NER	Arunachal Pradesh	187	0	3.5	3.5	-0.1	10
Assam		1614	0	29.1	22.5	0.4	88	0.00
Manipur		188	49	3.2	3.0	0.2	52	0.27
Meghalava		316	0	5.5	4.4	-0.1	27	0.00
Mizoram		142	0	2.2	1.9	-0.2	12	0.00
Nagaland		151	0	2.6	2.5	0.0	45	0.00
Tripura		256	0	4.1	3.9	0.1	80	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	-8.5	-13.1	-24.2	-18.2
Day Peak (MW)	-520.0	327.0	-1039.0	-765.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	124.6	-257.8	279.5	-154.0	7.7	0.0
Actual(MU)	99.6	-252.2	294.0	-156.2	6.9	-7.8
O/D/U/D(MU)	-25.0	5.6	14.4	-2.2	-0.8	-7.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	5955	6674	4728	5539	851	23747	49
State Sector	7928	8665	5717	2409	181	24900	51
Total	13883	15338	10445	7948	1032	48646	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	743	1708	739	698	15	3901	77
Lignite	26	14	46	0	0	86	2
Hydro	97	40	99	24	8	268	5
Nuclear	21	49	66	0	0	136	3
Gas, Naptha & Diesel	14	18	4	0	24	61	1
RES (Wind, Solar, Biomass & Others)	229	199	208	6	1	643	13
Total	1129	2028	1162	727	49	5095	100

Share of RES in total generation (%)	20.28	9.82	17.88	0.76	2.43	12.61
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	30.68	14.23	32.02	4.09	19.81	20.54

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.014
Based on State Max Demands	1.040

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	227682	9:52	24
Non-Solar hr	205789	18:52	101

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.

Executive Director-NLDC

INTER-REGIONAL EXCHANGES

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

Date of Reporting: 21-Feb-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/E	-	0	47	0.0	2.4	-2.4
3	765 kV	GAYA-VARANASI	2	310	1231	0.0	11.9	-11.9
4	765 kV	SASARAM-FATEHPUR	2	148	490	0.0	6.4	-6.4
5	765 kV	GAYA-BALIA	1	0	543	0.0	4.2	-4.2
6	400 kV	PUSAULI-VARANASI	1	0	247	0.0	2.1	-2.1
7	400 kV	PUSAULI-LALAHABAD	1	49	56	0.0	0.2	-0.2
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	530	484	0.0	0.6	-0.6
9	400 kV	PATNA-BALIA	2	82	830	0.0	11.9	-11.9
10	400 kV	NAUBATPUR-BALIA	2	44	270	0.0	3.3	-3.3
11	400 kV	BIHARSARIFE-BALIA	2	329	231	0.5	0.0	0.5
12	400 kV	MOTIHARI-GORAKHPUR	2	146	408	0.0	4.3	-4.3
13	400 kV	BIHARSARIFE-SAHUPURI	2	0	0	0.0	4.0	-4.0
14	220 kV	SAHUPURI-KARAMANASA	1	0	55	0.0	0.9	-0.9
15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.1	0.0	0.1
16	132 kV	GARWAH-RIHAND	1	30	0	0.3	0.0	0.3
17	132 kV	KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
18	132 kV	KARMANASA-CHANDAUJI	1	0	0	0.0	0.0	0.0
					ER-NR	0.9	52.2	-51.4
Import/Export of ER (With WR)								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	1423	446	13.0	0.0	13.0
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	0	1472	0.0	16.7	-16.7
3	765 kV	JHARSUGUDA-DURG	2	0	1637	0.0	23.9	-23.9
4	400 kV	JHARSUGUDA-RAIGARH	4	0	721	0.0	10.5	-10.5
5	400 kV	RANCHI-SIPAT	2	2	389	0.0	3.5	-3.5
6	220 kV	BUDHIPADAR-RAIGARH	1	11	121	0.0	1.2	-1.2
7	220 kV	BUDHIPADAR-KORBA	2	151	48	1.6	0.0	1.6
					ER-WR	14.6	55.8	-41.2
Import/Export of ER (With SR)								
1	HVDC	JEYPORE-GAZIWAKA B/B	2	0	745	0.0	12.1	-12.1
2	HVDC	TALCHER-KODAR BIPOLE	2	0	1906	0.0	48.2	-48.2
3	765 kV	ANGUL-SRIKAKULAM	2	0	3326	0.0	47.0	-47.0
4	400 kV	TALCHER-I/C	2	0	761	0.0	16.0	-16.0
5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
					ER-SR	0.0	107.3	-107.3
Import/Export of ER (With NER)								
1	400 kV	BINAGURI-BONGAIGAON	2	251	63	2.5	0.1	2.4
2	400 kV	ALIPURDUAR-BONGAIGAON	2	466	1	4.9	0.0	4.9
3	220 kV	ALIPURDUAR-SALAKATI	2	114	0	1.7	0.0	1.7
					ER-NER	9.1	0.1	8.9
Import/Export of NER (With NR)								
1	HVDC	BISWANATH CHARIALI-AGRA	2	664	0	16.2	0.0	16.2
					NER-NR	16.2	0.0	16.2
Import/Export of WR (With NR)								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	3044	0.0	72.4	-72.4
2	HVDC	VINDHYACHAL B/B	-	533	0	6.0	0.0	6.0
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1456	0.0	36.2	-36.2
4	765 kV	GWALIOR-AGRA	2	1395	1309	7.3	5.3	1.9
5	765 kV	GWALIOR-PHAGI	2	783	1717	3.1	17.0	-13.9
6	765 kV	JABALPUR-ORAI	2	664	733	0.0	2.2	-2.2
7	765 kV	GWALIOR-ORAI	1	772	0	13.8	0.0	13.8
8	765 kV	SATNA-ORAI	1	0	926	0.0	14.6	-14.6
9	765 kV	BANASKANTHA-CHITORGARH	2	2047	0	26.1	0.0	26.1
10	765 kV	VINDHYACHAL-VARANASI	2	601	1413	0.0	12.5	-12.5
11	400 kV	ZERDA-KANKROLI	1	388	0	4.8	0.0	4.8
12	400 kV	ZERDA-BIHANMAL	1	269	0	3.3	0.0	3.3
13	400 kV	VINDHYACHAL-RIHAND	1	484	0	10.8	0.0	10.8
14	400 kV	RAPP-SHUJALPUR	2	817	252	7.2	0.6	6.6
15	400 kV	NEEMUCH-Chitorgarh	2	855	262	7.8	0.6	7.1
16	220 kV	BHANPURA-RANPUR	1	0	187	0.0	3.3	-3.3
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	2.4	-2.4
18	220 kV	MERGAON-AURAIYA	1	150	0	2.3	0.0	2.3
19	220 kV	MALANPUR-AURAIYA	1	117	0	1.6	0.0	1.6
20	132 kV	GWALIOR-SAWALMADHOPUR	1	0	0	0.0	0.0	0.0
21	132 kV	RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
					WR-NR	94.1	167.2	-73.1
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	6527	0.0	99.4	-99.4
3	765 kV	SOJAPUR-RAICHUR	2	1165	2111	3.5	18.4	-14.9
4	765 kV	WARDHA-NIZAMABAD	2	0	3756	0.0	50.3	-50.3
5	765 kV	WARORA-WARANGAL(NEW)	2	0	3696	0.0	52.5	-52.5
6	400 kV	KOLHAPUR-KUDGI	2	1587	0	19.7	0.0	19.7
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	111	2.2	0.0	2.2
					WR-SR	25.4	244.6	-219.2
INTERNATIONAL EXCHANGES								
State	Region	Line Name	Max (MW)	Min (MW)	Avg (MW)	Energy Exchange (MWh)		
BHUTAN	ER	400kV MANGDECHHU-ALIPURDUAR 1,2&3 I.e. ALIPURDUAR RECEIPT (from MANGDECHHU HEP 4*180MW)	268	65	132	3.17		
	ER	400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) I.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)	-300	84	-156	-3.73		
	ER	220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) I.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)	-373	-239	-323	-7.74		
	NER	132kV GELEPHU-SALAKATI	-14	0	-8	-0.19		
	NER	132kV MOTANGA-RANGIA	11	-8	2	0.04		
NEPAL	NR	NEPAL IMPORT (FROM UP)	-66	0	-46	-1.10		
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)	-66	0	-48	-1.16		
	ER	NEPAL IMPORT (FROM BIHAR)	-193	-57	-152	-3.65		
	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2	520	4	-300	-7.21		
BANGLADESH	ER	BHERAMARA B/B HVDC (B'DESH)	-952	-890	-938	-22.51		
	ER (Isolated from Indian Grid)	400kV GODDA TPS-RAHANPUR (B'DESH) D/C	-766	-740	-757	-18.16		
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2	-87	0	-70	-1.68		

CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 21-Feb-2025

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	0.35	7.88	0.00	0.00	1.36	0.00	0.00	9.59
Nepal	3.51	0.00	4.81	0.00	0.00	3.09	0.00	0.00	11.41
Bangladesh	23.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.30
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	26.81	0.35	12.69	0.00	0.00	4.45	0.00	0.00	44.30

Import by India(in MU)

Country	GNA (ISGA/PPA)	T-GNA							TOTAL
		BILATERAL TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76
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	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76

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	0.76	-0.35	-7.88	0.00	0.00	-1.36	0.00	0.00	-8.83
Nepal	-3.51	0.00	-4.81	0.00	0.00	-3.09	0.00	0.00	-11.41
Bangladesh	-23.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	-26.05	-0.35	-12.69	0.00	0.00	-4.45	0.00	0.00	-43.54

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 GENERATION (MW)	NET TRANSMISSIONAL EXCHANGE (MW) (+ve) Import, (-ve) Export
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I=A-(C+D))	(J=B+C+D+E+F+G+H)	(K)
0:00	50.03	174473	5316	6690	243	7849	2244	153979	3074	167540	179395	-2022
0:15	49.98	175510	5288	6890	256	8169	2300	154615	3079	168364	180687	-2020
0:30	49.93	174811	5307	7004	246	7891	2287	154026	3098	167561	179859	-2023
0:45	49.88	173667	5315	7108	249	8013	2292	152844	3039	166310	178860	-2026
1:00	49.98	172756	5303	7041	250	7604	2283	152384	3047	165465	177912	-2028
1:15	49.98	171801	5312	6911	259	7031	2408	152153	3035	164631	177109	-2013
1:30	50.03	170700	5318	6828	252	6953	2277	151152	3027	163620	175808	-2009
1:45	50.03	170059	5318	6668	244	6701	2259	150943	3064	163147	175197	-2008
2:00	50.03	168670	5316	6711	243	6145	2279	149833	3055	161716	173582	-1976
2:15	50.03	167395	5311	6845	244	6014	2292	148696	3074	160306	172576	-2015
2:30	50.08	167203	5277	6924	245	6248	2297	148119	3083	160034	172343	-2010
2:45	50.03	166428	5223	6634	239	6513	2285	147588	3066	159555	171648	-2018
3:00	50.08	165677	5225	6339	233	6552	2421	147150	3066	159105	171086	-2021
3:15	50.03	165564	5318	6158	237	6512	2443	147065	3081	159169	170814	-2004
3:30	50.03	165090	5224	6060	241	6595	2279	146582	3141	158789	170222	-1990
3:45	50.03	164846	5320	6121	241	6618	2432	146325	3090	158484	170157	-2000
4:00	50.03	164841	5229	6152	241	6900	2278	146187	3073	158448	170160	-2023
4:15	50.03	166231	5226	6188	242	7104	2402	147532	3052	159801	171846	-2053
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4:45	49.98	168275	5226	5896	242	6843	2288	150038	3071	162137	173704	-2039
5:00	50.08	169878	5219	5815	245	7074	2275	151654	3005	163818	175387	-2060
5:15	50.03	172701	5313	5649	248	7315	2278	154446	3014	166804	178263	-2062
5:30	50.03	175832	5309	5533	249	7795	2286	157189	3080	170500	181441	-2073
5:45	50.03	178917	5324	5548	249	8618	2291	159372	3102	173120	184504	-1951
6:00	50.08	180402	5319	5436	233	8902	2359	160556	3137	174733	185942	-1754
6:15	50.08	185091	5320	5442	236	10922	2280	162746	3135	179323	190670	-1584
6:30	50.08	190999	5321	5208	235	13973	2172	165136	3108	185362	196547	-1541
6:45	50.08	196794	5318	5208	235	16762	3551	168029	3102	190973	202528	-1507
7:00	50.03	200366	5312	5135	236	19077	3662	168719	3135	194255	206016	-1350
7:15	49.98	204772	5324	5081	1920	20809	3664	169989	3173	197771	209960	-959
7:30	50.03	207036	5317	5115	3723	20916	3679	170026	3105	198198	211881	-931
7:45	49.98	208958	5321	4998	6542	20944	3297	169141	3132	197418	213375	-965
8:00	50.03	210552	5323	4771	10526	20393	2519	168302	3141	195259	214975	-1053
8:15	49.92	213859	5311	4486	15118	19712	2456	168290	3198	194255	218571	-1442
8:30	50.02	215694	5332	4244	20229	17672	2428	166996	3165	191221	220066	-1449
8:45	50.03	217374	5319	3708	25528	15670	2519	165868	3185	188138	221797	-1434
9:00	50.08	219096	5318	3183	30503	14651	2409	164087	3181	185410	223332	-1435
9:15	49.92	223310	5326	2676	35216	13601	2543	165143	3202	185418	227707	-1516
9:30	50.03	225864	5308	2267	39195	12971	2398	164731	3253	184402	230123	-1694
9:45	50.08	228868	5314	2143	43171	12456	2351	162907	3234	181554	231576	-1940
10:00	50.08	227409	5304	2138	47015	11784	2315	159922	3240	178256	231718	-1932
10:15	50.03	226955	5301	2124	50236	10879	2302	157426	3207	174595	231475	-1941
10:30	50.03	227128	5321	2165	52976	10295	2245	155148	3237	171987	231387	-1929
10:45	50.03	226899	5302	2207	55672	9511	2212	153288	3250	169020	231442	-2233
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11:15	50.03	223175	5391	2250	58682	7217	2194	147951	3178	162243	226863	-2218
11:30	50.03	222496	5368	2229	59958	7274	2152	146116	3200	160309	226297	-2221
11:45	50.03	220834	5269	2222	60611	7177	2163	144061	3211	158001	224814	-2204
12:00	50.13	218325	5253	2198	61070	7115	2166	140918	3193	155067	222013	-2194
12:15	49.98	216454	5253	2205	61581	6616	2196	139082	3170	152668	220203	-2227
12:30	49.98	215155	5249	2203	61648	6348	2172	137832	3150	151304	218702	-2186
12:45	49.93	214190	5242	2260	61860	6360	2190	136499	3200	150070	217711	-2206
13:00	50.08	211728	5240	2288	61149	6332	2176	134281	3245	148291	214811	-2235
13:15	49.98	209491	5336	2302	61446	6309	2187	131676	3192	145743	212448	-2239
13:30	50.03	209337	5342	2302	61295	6164	2192	131635	3176	145740	212106	-2240
13:45	49.98	208783	5339	2358	60608	6294	2195	132440	3167	145817	212401	-2264
14:00	49.98	208927	5329	2469	59902	6403	2179	132881	3194	146556	212357	-2284
14:15	49.98	209258	5338	2598	58722	7132	2187	133070	3248	147938	212295	-2298
14:30	49.93	210314	5342	2689	57593	7607	2176	135070	3159	150032	213636	-2306
14:45	49.93	210964	5346	2754	55929	7471	2283	137370	3223	152281	214376	-2299
15:00	49.93	211590	5335	2811	53869	7652	2288	139839	3123	154910	214917	-2286
15:15	49.98	212198	5337	2869	51462	7750	2322	142562	3154	157867	215456	-2273
15:30	49.98	212314	5358	2951	48636	8167	2292	145463	3066	160727	215933	-2295
15:45	49.98	211685	5375	2972	45179	8004	2366	148783	3103	163534	215782	-2196
16:00	49.98	211673	5363	3110	41514	8554	2366	151386	3117	167049	215410	-2199
16:15	49.93	210396	5373	3098	38645	9355	2370	153068	3055	168653	214964	-2114
16:30	49.73	209981	5368	3174	33924	10623	2372	156146	3037	172883	214644	-2127
16:45	49.78	209446	5267	3274	29377	11453	2382	159527	3068	176795	214348	-2047
17:00	49.78	209703	5267	3242	24126	13285	2418	155236	3089	182335	206663	-1618
17:15	49.93	207047	5277	3296	18741	14706	2477	156796	3076	185010	204369	-1039
17:30	50.03	206208	5277	3346	13588	17248	2525	165204	3061	189274	210249	-1094
17:45	49.88	205432	5297	3439	9151	19406	2599	166607	3074	192842	209573	-1091
18:00	49.93	204641	5260	3543	5328	20863	2619	167618	3013	195770	208244	-1068
18:15	49.98	203033	5297	3614	2595	21970	2636	167844	3018	196824	206974	-977
18:30	49.73	203809	5271	3874	1236	23447	2692	168937	3054	198699	208511	-981
18:45	49.88	204613	5292	4053	814	23840	2769	170256	2967	199746	209991	-975
19:00	49.78	205581	5294	4273	518	23174	2770	170568	3002	200790	209599	-1000
19:15	49.88	204671	5284	4490	541	21782	2745	170886	3040	199640	208768	-985
19:30	50.03	202396	5297	4583	518	20329	2660	170121	3011	197295	206519	-986
19:45	50.03	200237	5296	4819	431	18430	2637	169895	2975	194987	204483	-1020
20:00	50.08	196487	5293	4939	436	17288	2654	167053	3025	191112	200698	-1040
20:15	50.03	193897	5303	5161	300	14853	2646	166967	3028	188436	198248	-1065
20:30	50.03	191537	5285	5346	252	13854	2609	165540	3025	185939	195911	-1122
20:45	50.03	189279	5281	5783	276	12834	2605	163653	3046	183220	193478	-1072
21:00	50.08	186311	5281	6057	278	11531	2576	162238	3048	179976	191009	-1204
21:15	49.98	185143	5285	6493	224	10839	2509	161711	3046	178426	190107	-1639
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21:45	49.98	181986	5298	6807	246	9833	2420	159686	3021	174933	187311	-2061
22:00	50.08	179792	5287	6835	248	9444	2407	157809	3046	172709	185076	-2094
22:15	49.98	181070	5293	6727	257	9814	2411	158900	3035	174086	186437	-2089
22:30	50.03	180419	5279	6771	231	9625	2403	158420	3063	173417	185792	-2

*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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