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, क़ुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

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

दिनांक: 04.04.2025

To,

1. कार्यकारी निदेशक, पू.क्षे .भा .प्रे .के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
   Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
2. 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
3. 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
4. कार्यकारी निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह , लापलंग, शिलोंग – 793006
   Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. 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 03.04.2025.

महोदय/Sir,

आई०ई०जी०सी०-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 3-अप्रैल-2025 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर उप्लब्ध 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 03.04.2025, is available at the NLDC website.

धन्यवाद,
Thanks

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

Report for previous day **Date of Reporting: 04-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)	54711	62606	49013	26299	3083	195712
Peak Shortage (MW)	0	0	0	0	0	0
Energy Met (MU)	1167	1586	1315	582	60	4710
Hydro Gen (MU)	131	34	73	26	11	275
Wind Gen (MU)	11	75	36	-	-	122
Solar Gen (MU)*	211.75	137.45	106.31	3.25	1.06	460
Energy Shortage (MU)	0.00	0.00	0.00	0.00	0.28	0.28
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	58055	71535	63684	26886	3241	213742
Time Of Maximum Demand Met	19:44	15:45	10:53	23:54	18:46	09:56

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	0.29	4.64	4.93	80.60	14.47

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	7533	0	154.8	75.1	-0.7	515	0.00
	Haryana	7418	0	147.9	95.5	-1.3	384	0.00
	Rajasthan	13360	0	264.6	49.4	-4.8	717	0.00
	Delhi	4112	0	85.1	77.9	-1.2	192	0.00
	UP	20948	0	376.3	90.0	-2.8	362	0.00
	Uttarakhand	2111	0	40.9	27.0	1.1	170	0.00
	HP	1747	0	33.2	19.5	0.3	891	0.00
	J&K(UT) & Ladakh(UT)	2784	0	55.8	45.5	-0.8	251	0.00
	Chandigarh	200	0	3.9	3.9	0.0	16	0.00
	Railways_NR ISTS	203	0	4.3	3.9	0.4	35	0.00
WR	Chhattisgarh	6389	0	141.5	84.7	-0.5	371	0.00
	Gujarat	23823	0	474.2	200.8	-0.8	518	0.00
	MP	12854	0	263.2	145.4	-3.6	584	0.00
	Maharashtra	28141	0	627.7	228.2	-0.2	1284	0.00
	Goa	788	0	17.3	16.5	0.3	59	0.00
	DNHDDPDCL	1267	0	29.4	29.4	0.0	67	0.00
	AMNSIL	864	0	19.3	9.0	0.4	333	0.00
	BALCO	531	0	12.7	12.7	0.0	0	0.00
	RIL JAMNAGAR	93	0	1.1	1.1	0.0	0	0.00
SR	Andhra Pradesh	12366	0	243.2	84.8	1.6	1025	0.00
	Telangana	14802	0	280.2	141.6	-2.2	1092	0.00
	Karnataka	16580	0	306.6	140.2	-1.6	765	0.00
	Kerala	4478	0	93.5	81.9	-1.0	434	0.00
	Tamil Nadu	17043	0	382.0	267.3	-6.5	793	0.00
	Puducherry	436	0	9.8	9.6	-0.4	40	0.00
ER	Bihar	5821	0	118.7	106.6	0.7	195	0.00
	DVC	3280	0	71.2	-40.9	-1.0	277	0.00
	Jharkhand	1961	0	42.5	35.7	-1.3	138	0.00
	Odisha	5421	0	114.0	24.7	-3.7	310	0.00
	West Bengal	10644	0	233.6	87.0	-1.2	341	0.00
	Sikkim	92	0	1.5	1.3	0.2	54	0.00
	Railways_ER ISTS	19	0	0.2	0.2	-0.1	4	0.00
NER	Arunachal Pradesh	173	0	3.0	2.7	0.2	52	0.00
	Assam	1909	0	37.8	31.1	0.3	112	0.00
	Manipur	179	0	2.7	2.1	0.6	83	0.28
	Meghalaya	338	0	5.6	3.7	-0.1	75	0.00
	Mizoram	130	0	2.0	1.8	-0.1	30	0.00
	Nagaland	161	0	2.7	2.7	0.0	14	0.00
	Tripura	326	0	6.1	4.7	0.2	37	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	-4.2	-12.8	-22.3	-28.9
Day Peak (MW)	-457.0	-869.7	-951.0	-1391.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	36.1	-225.1	267.8	-97.2	18.4	0.0
Actual(MU)	28.5	-209.2	267.7	-116.1	19.8	-9.3
O/D/U/D(MU)	-7.6	15.9	-0.1	-18.8	1.3	-9.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4992	11311	2398	3848	620	23168	48
State Sector	7419	8562	7646	1642	237	25505	52
Total	12411	19872	10044	5490	857	48674	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	784	1577	735	764	10	3869	73
Lignite	27	11	48	0	0	87	2
Hydro	131	34	73	26	11	275	5
Nuclear	31	64	71	0	0	167	3
Gas, Naptha & Diesel	18	26	10	0	23	77	5
RES (Wind, Solar, Biomass & Others)	240	214	177	5	1	637	12
Total	1231	1927	1115	794	45	5112	100

Share of RES in total generation (%)	19.47	11.12	15.92	0.62	2.39	12.47
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	32.65	16.23	28.84	3.86	26.33	21.10

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.045
Based on State Max Demands	1.082

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	213742	9:56	33
Non-Solar hr	202916	19:27	0

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: 04-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	958	763	0.0	0.6	-0.6
4	765 kV	SASARAM-FATEHPUR	1	312	493	0.0	4.2	-4.2
5	765 kV	GAYA-BALIA	1	150	484	0.0	4.8	-4.8
6	400 kV	PUSAULI-VARANASI	1	0	158	0.0	2.2	-2.2
7	400 kV	PUSAULI -ALLAHABAD	1	66	53	0.1	0.0	0.1
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	875	230	4.5	0.0	4.5
9	400 kV	PATNA-BALIA	2	313	646	0.0	7.8	-7.8
10	400 kV	NAUBATPUR-BALIA	2	138	203	0.0	2.4	-2.4
11	400 kV	BIHARSHARIFF-BALIA	2	631	2	5.9	0.0	5.9
12	400 kV	MOTIHARI-GORAKHPUR	2	297	287	0.0	2.5	-2.5
13	400 kV	BIHARSARIFF-SAHUPURI	2	0	0	0.4	0.0	0.4
14	220 kV	SAHUPURI-KARAMNASA	1	7	49	0.0	0.2	-0.2
15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.1	0.0	0.1
16	132 kV	GARWAH-RIHAND	1	30	0	0.6	0.0	0.6
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	11.5	27.0	-15.4
Import/Export of ER (With WR)								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	906	657	0.6	0.0	0.6
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	827	1105	0.0	0.8	-0.8
3	765 kV	JHARSUGUDA-DURG	2	0	1402	0.0	24.3	-24.3
4	400 kV	JHARSUGUDA-RAIGARH	4	0	848	0.0	13.3	-13.3
5	400 kV	RANCHI-SIPAT	2	107	407	0.0	3.0	-3.0
6	220 kV	BUDHIPADAR-RAIGARH	1	0	159	0.0	2.2	-2.2
7	220 kV	BUDHIPADAR-KORBA	2	54	130	0.0	1.1	-1.1
					ER-WR	0.6	44.7	-44.1
Import/Export of ER (With SR)								
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	119	0.0	2.8	-2.8
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1763	0.0	44.4	-44.4
3	765 kV	ANGUL-SRIKAKULAM	2	0	3084	0.0	59.1	-59.1
4	400 kV	TALCHER-I/C	2	408	999	0.0	0.4	-0.4
5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
					ER-SR	0.0	106.3	-106.3
Import/Export of ER (With NER)								
1	400 kV	BINAGURI-BONGAIGAON	2	220	219	1.9	1.2	0.7
2	400 kV	ALIPURDUAR-BONGAIGAON	2	351	268	1.9	0.0	1.9
3	220 kV	ALIPURDUAR-SALAKATI	2	63	28	0.7	0.0	0.7
					ER-NER	4.5	1.2	3.3
Import/Export of NER (With NR)								
1	HVDC	BISWANATH CHARIALI-AGRA	2	958	0	23.2	0.0	23.2
					NER-NR	23.2	0.0	23.2
Import/Export of WR (With NR)								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	1260	0.0	36.7	-36.7
2	HVDC	VINDHYACHAL B/B	-	0	56	0.0	1.2	-1.2
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1459	0.0	36.4	-36.4
4	765 kV	GWALIOR-AGRA	2	771	1479	3.1	8.9	-5.8
5	765 kV	GWALIOR-PHAGI	2	1326	1294	6.8	10.6	-3.7
6	765 kV	JABALPUR-ORAI	2	604	720	0.0	1.6	-1.6
7	765 kV	GWALIOR-ORAI	1	703	0	9.9	0.0	9.9
8	765 kV	SATNA-ORAI	1	0	919	0.0	15.6	-15.6
9	765 kV	BANASKANTHA-CHITORGARH	2	2210	0	33.2	0.0	33.2
10	765 kV	VINDHYACHAL-VARANASI	2	0	2449	0.0	34.0	-34.0
11	400 kV	ZERDA-KANKROLI	1	510	70	7.5	0.0	7.5
12	400 kV	ZERDA -BHINMAL	1	352	0	5.2	0.0	5.2
13	400 kV	VINDHYACHAL -RIHAND	1	961	0	21.2	0.0	21.2
14	400 kV	RAPP-SHUJALPUR	2	924	34	9.5	0.0	9.5
15	400 kV	NEEMUCH-Chittorgarh	2	798	123	7.3	0.2	7.1
16	220 kV	BHANPURA-RANPUR	1	0	147	0.0	2.4	-2.4
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	2.1	-2.1
18	220 kV	MEHGAON-AURAIYA	1	89	0	1.3	0.0	1.3
19	220 kV	MALANPUR-AURAIYA	1	68	0	0.9	0.0	0.9
20	132 kV	GWALIOR-SAWAI MADHOPUR	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	105.9	149.6	-43.7
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	6022	0.0	102.9	-102.9
3	765 kV	SOLAPUR-RAICHUR	2	705	1126	0.8	12.3	-11.4
4	765 kV	WARDHA-NIZAMABAD	2	0	2692	0.0	43.4	-43.4
5	765 kV	WARORA-WARANGAL(NEW)	2	0	2868	0.0	47.0	-47.0
6	400 kV	KOLHAPUR-KUDGI	2	1222	0	16.8	0.0	16.8
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	119	2.3	0.0	2.3
					WR-SR	19.9	229.5	-209.6

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)	379	-15	186	4.45
	ER	400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) i.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)	-311	-22	-173	-4.15
	ER	220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) i.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)	-238	-154	-182	-4.37
	NER	132kV GELEPHU-SALAKATI	-16	0	-10	-0.23
	NER	132kV MOTANGA-RANGIA	13	-5	5	0.11
NEPAL	NR	NEPAL IMPORT (FROM UP)	-69	0	-45	-1.09
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)	-69	0	-46	-1.10
	ER	NEPAL IMPORT (FROM BIHAR)	-278	0	-130	-3.11
	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2	-592	12	-313	-7.51
BANGLADESH	ER	BHERAMARA B/B HVDC (B'DESH)	-923	-862	-904	-21.69
	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RAHANPUR (B'DESH) D/C	-1391	-951	-1205	-28.91
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2	-28	0	-25	-0.60

CROSS BORDER EXCHANGE SCHEDULE **Date of Reporting: 04-Apr-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	0.39	4.88	0.00	0.00	0.30	0.00	0.00	5.57
Nepal	3.31	0.00	5.96	0.00	0.00	2.40	0.00	0.00	11.67
Bangladesh	22.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.48
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	25.79	0.39	10.84	0.00	0.00	2.70	0.00	0.00	39.72

Import by India(in MU)

Country	GNA (ISGA/PPA)	T-GNA							TOTAL
		BILATERAL TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61
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	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61

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	0.61	-0.39	-4.88	0.00	0.00	-0.30	0.00	0.00	-4.96
Nepal	-3.31	0.00	-5.96	0.00	0.00	-2.40	0.00	0.00	-11.67
Bangladesh	-22.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-22.48
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	-25.18	-0.39	-10.84	0.00	0.00	-2.70	0.00	0.00	-39.11

Date of Reporting: 04-Apr-2025

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 TRANSNATIONAL EXCHANGE (MW)
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I=A-(C+D))	(J=B+C+D+E+F+G+...)	(K)
0:00	50.06	192060	6505	6443	149	11670	3157	164936	1978	185468	194838	-1388
0:15	50.01	191903	6472	6606	148	10984	3148	165520	1907	185149	194785	-1399
0:30	50.01	190734	6490	6614	148	10832	3005	164611	1967	183972	193667	-1438
0:45	50.01	189975	6472	6532	142	10590	2992	164452	1875	183301	193055	-1438
1:00	50.06	188428	6487	6452	147	9810	2810	163688	1902	181829	191296	-1438
1:15	50.01	187114	6514	6181	147	9078	2836	163222	1911	180786	189889	-1434
1:30	50.01	186119	6503	5836	141	8838	2787	162915	1923	180142	188943	-1392
1:45	49.96	185104	6487	5498	152	8422	2771	162687	1920	179454	187937	-1396
2:00	50.01	183877	6477	5146	166	8795	2712	161810	1886	178565	186992	-1376
2:15	49.96	183217	6505	4878	146	8652	2713	161462	1885	178193	186241	-1218
2:30	50.01	182401	6475	4661	145	8512	2720	161105	1917	177595	185535	-1138
2:45	50.01	182036	6456	4630	139	8243	2698	161076	1910	177267	185152	-1149
3:00	50.01	181181	6475	4441	137	8240	2683	160490	1907	176603	184373	-1222
3:15	50.01	181385	6496	4153	134	8355	2655	160765	1871	177098	184429	-1204
3:30	50.01	180515	6522	4172	133	8409	2633	160064	1890	176210	183823	-1178
3:45	50.01	180440	6479	4092	134	8291	2636	160356	1886	176214	183874	-1202
4:00	50.01	179445	6490	4154	138	7845	2634	159879	1858	175153	182998	-1153
4:15	49.96	180881	6509	4084	141	7874	2628	160900	1904	176656	184040	-968
4:30	50.01	182034	6509	3951	143	8302	2643	161777	1919	177940	185244	-974
4:45	50.01	182781	6471	3985	144	8978	2642	162020	1874	178652	186114	-1026
5:00	50.11	183584	6514	4134	141	10032	2642	161404	1901	179309	186768	-1004
5:15	50.06	185837	6488	4348	150	10452	2750	162944	1889	181339	189021	-1025
5:30	50.06	188036	6489	4390	148	11556	2773	164026	1874	183498	191256	-1005
5:45	50.06	189177	6528	4396	146	12010	2710	164958	1901	184635	192649	-1020
6:00	50.11	190901	6493	4496	132	13652	2801	164724	1904	186273	194202	-1053
6:15	49.96	194164	6493	4558	172	14650	2836	167197	1913	189434	197819	-1749
6:30	49.90	197106	6503	4520	528	16033	2916	168495	1938	192058	200933	-1721
6:45	50.01	198931	6466	4605	1475	16769	2988	168209	2082	192851	202594	-1802
7:00	50.06	198833	6519	4623	3394	16094	2996	166719	2128	190816	202473	-1795
7:15	50.01	199612	6529	4648	6363	15346	2989	164926	2193	188601	202994	-1747
7:30	50.01	199916	6563	4498	10150	13389	2825	163476	2235	185268	203136	-1755
7:45	50.01	199788	6558	4175	14725	12279	2746	160110	2223	180888	202816	-1708
8:00	50.06	198814	6555	3671	19724	11333	2664	155549	2296	175419	201792	-1971
8:15	49.95	201562	6542	3371	24978	11239	2680	153392	2272	173213	204474	-2012
8:30	49.95	203549	6512	2880	29627	11248	2683	151325	2258	171042	206533	-1989
8:45	49.95	204621	6510	2364	33881	10891	2667	149079	2262	168376	207654	-1975
9:00	50.06	207299	6501	1918	38247	10433	2624	148644	2255	167134	210622	-2034
9:15	49.96	210912	6450	1692	42066	9782	2575	149292	2281	167154	214138	-2055
9:30	50.01	212306	6460	1587	45370	9624	2544	147542	2271	165349	215398	-2074
9:45	49.86	213004	6423	1539	47411	9780	2544	146349	2318	164054	216364	-2029
10:00	50.06	213117	6429	1584	50460	9493	2532	143382	2279	161073	216159	-2075
10:15	50.01	212573	6387	1557	53257	9181	2540	140554	2274	157759	215750	-2059
10:30	50.01	212543	6397	1541	55851	8721	2534	138547	2392	155151	215983	-2081
10:45	50.01	212121	6381	1441	56591	8276	2525	138142	2311	154089	215667	-2159
11:00	50.06	211365	6428	1396	57673	8191	2537	136644	2344	152296	215213	-2182
11:15	50.06	209900	6454	1431	58267	6778	2531	135444	2302	150202	213207	-2171
11:30	49.96	209505	6424	1526	58513	6485	2530	134699	2306	149466	212483	-2127
11:45	49.96	208758	6439	1597	58638	6336	2537	134293	2324	148523	212164	-2145
12:00	50.01	207003	6412	1791	58458	6412	2527	132484	2268	146754	210352	-2175
12:15	50.01	205756	6410	1820	58358	6161	2529	131654	2257	145578	209189	-2182
12:30	50.01	205284	6402	1859	58645	6122	2522	130731	2230	144780	208511	-2208
12:45	49.96	203652	6416	1745	58200	5975	2535	129640	2229	143707	206740	-2206
13:00	50.01	202152	6408	1579	58432	6145	2535	127763	2168	142141	205030	-1949
13:15	49.96	199299	6377	1588	57901	6154	2526	125214	2229	139810	201989	-1925
13:30	50.01	199911	6399	1815	56655	5758	2513	127021	2227	141441	202388	-1972
13:45	49.96	200713	6387	2076	55583	5872	2536	128508	2227	143054	203189	-1925
14:00	50.01	200739	6364	2441	54965	5584	2524	129370	2153	143333	203401	-1861
14:15	49.96	202741	6381	2939	53453	5585	2557	132392	2167	146349	205474	-1881
14:30	50.06	203690	6426	3482	53306	5563	2613	133171	2165	146902	206726	-1799
14:45	50.06	204229	6422	4100	51553	5149	2603	135279	2163	148576	207269	-1885
15:00	50.06	204030	6443	4641	49465	5553	2633	136236	2198	149924	207169	-1893
15:15	50.01	203090	6428	4952	45965	5354	2697	137900	2073	152173	205369	-1924
15:30	50.06	201624	6351	5313	43509	5425	2727	139558	2019	152802	204902	-1946
15:45	50.01	201007	6412	5569	40447	5823	2702	141518	2069	154991	204540	-2029
16:00	50.01	200178	6434	5861	37546	6214	2747	143239	1968	156771	204009	-2109
16:15	49.96	199322	6367	5814	34521	6721	2752	144829	1942	158987	202946	-2077
16:30	50.01	198578	6366	6272	31322	7420	2747	146311	1956	160984	202394	-2055
16:45	49.96	197700	6401	6791	27941	7560	2759	147984	1948	162968	201384	-1985
17:00	50.01	195785	6408	7349	24345	7630	2787	149072	1904	164091	199495	-1943
17:15	50.01	193615	6419	7666	20243	8218	2812	149440	1916	165706	196714	-1646
17:30	49.96	193010	6388	7655	16396	9381	2833	151285	1904	168959	195842	-1439
17:45	49.96	191456	6375	7648	11848	11047	2919	152612	1882	171960	194331	-1353
18:00	49.91	190158	6393	7446	8131	12332	2994	153785	1852	174581	192933	-1208
18:15	49.96	189681	6375	7401	4835	14894	3130	154275	1885	177445	192795	-1040
18:30	50.00	193456	6426	7291	2434	17620	3288	157214	1821	183731	196094	-969
18:45	50.00	196658	6455	6956	1000	20603	3545	158470	1873	188702	198902	-975
19:00	50.05	199080	6394	6961	318	21970	3608	160310	1865	191801	201426	-977
19:15	50.00	202687	6452	7509	274	22082	3626	163015	1872	194904	204830	-955
19:30	50.05	202633	6458	7667	264	21852	3596	163326	1862	194702	205025	-927
19:45	50.05	201686	6406	7861	264	21709	3420	162374	1935	193561	203969	-938
20:00	50.05	198371	6515	8018	268	21271	3367	159363	1930	190085	200732	-996
20:15	50.00	196571	6502	8041	235	19196	3354	159556	1875	188295	198759	-1018
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21:00	50.00	193365	6473	7473	207	16491	3299	159305	1944	185685	195192	-1013
21:15	49.90	192142	6487	7270	164	15928	3238	159163	1899	184708	194149	-995
21:30	49.85	191961	6464	7350	150	15976	3222	158658	1919	184461	193739	-1011
21:45	49.95	191993	6443	7237	146	16344	3199	158632	1903	184610	193904	-1014
22:00	50.05	190836	6466	7109	158	15599	3200	158180	1895	183569	192607	-995
22:15	50.00	192752	6504	7304	158	15802	3229	159522	1992	185290	194511	-985
22:30	50.05	193348	6460	7635	155	16195	3217	159508	1924	185558	195094	-969
22:45	50.05	192774	6428	7807	171	14618	3210	160374	1959	184796	194567	-993
23:00	50.05	191207	6423	7917	188	13418	3197	160025	2003	183102	193171	-1095
23:15	50.05	190290	6448	7754	189	12976	3197	160011	1933	182347	192508	-1407
23:30	50.05	188869	6442	7737	191	12267	3214	159323	1942	180941	191116	-1437
23:45	50.05	187437	6454	7566	192	11360	3172	158967	1964	179679	189675	-1444

*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.