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: 05.04.2025

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 04.04.2025.

महोदय/Sir,

आई०ई०जी०सी०-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 4-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 04.04.2025, 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: 05-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)	57745	66544	50898	26701	3062	204950
Peak Shortage (MW)	0	0	0	0	0	0
Energy Met (MU)	1190	1588	1244	587	60	4670
Hydro Gen (MU)	128	36	67	24	10	266
Wind Gen (MU)	20	67	24	-	-	111
Solar Gen (MU)*	212.42	149.09	133.22	2.96	0.79	498
Energy Shortage (MU)	0.09	0.00	0.00	0.23	0.38	0.70
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	59452	71490	59375	27132	3262	210238
Time Of Maximum Demand Met	19:47	15:55	15:32	19:40	18:42	19:33

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	0.039	0.21	1.49	5.02	6.72	79.32	13.96

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	7706	0	158.8	68.1	3.3	529	0.00
	Haryana	7640	6	150.7	95.4	-0.7	277	0.01
	Rajasthan	13234	0	267.1	47.1	-6.0	301	0.00
	Delhi	4206	0	88.2	81.7	-1.8	97	0.00
	UP	21961	0	387.0	93.8	0.3	752	0.08
	Uttarakhand	2106	0	38.2	28.9	0.6	150	0.00
	HP	1818	0	34.0	21.1	0.7	968	0.00
	J&K(UT) & Ladakh(UT)	2844	0	57.6	48.8	-2.3	99	0.00
	Chandigarh	216	0	4.1	4.0	0.1	20	0.00
	Railways_NR ISTS	203	0	3.9	3.9	0.0	35	0.00
WR	Chhattisgarh	6246	0	141.7	79.8	0.4	268	0.00
	Gujarat	24135	0	480.5	206.7	-2.3	901	0.00
	MP	13420	0	274.1	161.5	-3.8	384	0.00
	Maharashtra	27375	0	613.1	226.9	-1.9	622	0.00
	Goa	812	0	17.1	16.4	0.1	41	0.00
	DNHDDPDCL	1284	0	30.0	29.9	0.1	98	0.00
	AMNSIL	801	0	18.1	8.4	0.4	344	0.00
	BALCO	531	0	12.7	12.7	0.0	0	0.00
	RIL JAMNAGAR	94	0	1.1	1.1	0.0	0	0.00
SR	Andhra Pradesh	11262	0	225.4	89.7	-1.4	466	0.00
	Telangana	12263	0	251.5	115.7	-0.8	629	0.00
	Karnataka	15053	0	294.0	130.4	-2.1	838	0.00
	Kerala	4354	0	90.7	79.3	-0.8	311	0.00
	Tamil Nadu	17332	0	372.4	254.4	-2.0	731	0.00
	Puducherry	452	0	9.9	9.7	-0.4	28	0.00
ER	Bihar	6178	0	122.5	110.3	0.8	274	0.23
	DVC	3191	0	69.0	-39.1	-0.6	298	0.00
	Jharkhand	2182	0	43.8	34.8	-0.4	175	0.00
	Odisha	5829	0	118.5	27.5	-2.8	506	0.00
	West Bengal	10422	0	231.7	93.0	-2.4	379	0.00
	Sikkim	97	0	1.6	1.2	0.4	60	0.00
	Railways_ER ISTS	19	0	0.2	0.1	0.1	0	0.00
NER	Arunachal Pradesh	174	0	3.2	2.8	0.3	46	0.00
	Assam	2025	0	37.3	31.2	0.0	155	0.00
	Manipur	178	22	2.7	2.1	0.7	47	0.38
	Meghalaya	325	0	5.6	3.8	0.1	85	0.00
	Mizoram	129	0	2.2	1.8	0.1	29	0.00
	Nagaland	168	0	2.8	2.7	0.1	19	0.00
	Tripura	324	0	6.3	4.8	0.4	40	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	-3.0	-12.5	-22.4	-26.3
Day Peak (MW)	-407.3	-911.1	-976.0	-1370.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	47.5	-233.0	234.2	-68.4	19.7	0.0
Actual(MU)	36.1	-218.0	228.8	-74.3	20.7	-6.7
O/D/U/D(MU)	-11.4	15.0	-5.4	-5.9	1.0	-6.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3688	8711	2398	3538	586	18920	44
State Sector	7189	8210	7436	1432	237	24503	56
Total	10877	16920	9834	4970	823	43424	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	795	1580	683	731	9	3798	75
Lignite	26	12	53	0	0	91	2
Hydro	128	36	67	24	10	266	5
Nuclear	31	64	71	0	0	166	3
Gas, Naptha & Diesel	9	29	10	0	24	72	1
RES (Wind, Solar, Biomass & Others)	250	218	199	5	1	672	13
Total	1240	1940	1083	759	44	5066	100

Share of RES in total generation (%)	20.15	11.23	18.18	0.61	1.83	13.27
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	33.01	16.40	30.95	3.76	25.47	21.80

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.049
Based on State Max Demands	1.087

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	205070	10:52	27
Non-Solar hr	210238	19:33	28

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: 05-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	2.5	-2.5
3	765 kV	GAYA-VARANASI	2	1269	486	3.5	0.0	3.5
4	765 kV	SASARAM-FATEHPUR	1	396	405	0.0	2.8	-2.8
5	765 kV	GAYA-BALIA	1	196	518	0.0	5.0	-5.0
6	400 kV	PUSAULI-VARANASI	1	0	141	0.0	2.2	-2.2
7	400 kV	PUSAULI -ALLAHABAD	1	50	40	0.0	0.2	-0.2
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	943	299	5.2	0.0	5.2
9	400 kV	PATNA-BALIA	2	490	548	0.0	4.0	-4.0
10	400 kV	NAUBATPUR-BALIA	2	200	242	0.0	0.9	-0.9
11	400 kV	BIHARSHARIFF-BALIA	2	687	19	5.9	0.0	5.9
12	400 kV	MOTIHARI-GORAKHPUR	2	384	305	0.0	1.2	-1.2
13	400 kV	BIHARSARIFF-SAHUPURI	2	0	0	1.1	0.0	1.1
14	220 kV	SAHUPURI-KARAMNASA	1	14	50	0.0	0.1	-0.1
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	16.5	18.7	-2.3
Import/Export of ER (With WR)								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	1261	434	8.2	0.0	8.2
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1525	173	14.0	0.0	14.0
3	765 kV	JHARSUGUDA-DURG	2	0	1142	0.0	21.1	-21.1
4	400 kV	JHARSUGUDA-RAIGARH	4	0	722	0.0	12.0	-12.0
5	400 kV	RANCHI-SIPAT	2	282	189	0.3	0.0	0.3
6	220 kV	BUDHIPADAR-RAIGARH	1	0	121	0.0	1.9	-1.9
7	220 kV	BUDHIPADAR-KORBA	2	80	96	0.0	0.6	-0.6
					ER-WR	22.5	35.7	-13.2
Import/Export of ER (With SR)								
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	120	0.0	2.8	-2.8
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1764	0.0	47.0	-47.0
3	765 kV	ANGUL-SRIKAKULAM	2	0	3179	0.0	58.1	-58.1
4	400 kV	TALCHER-I/C	2	247	925	0.0	4.7	-4.7
5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
					ER-SR	0.0	107.9	-107.9
Import/Export of ER (With NER)								
1	400 kV	BINAGURI-BONGAIGAON	2	245	159	1.7	0.6	1.1
2	400 kV	ALIPURDUAR-BONGAIGAON	2	420	220	2.3	0.0	2.3
3	220 kV	ALIPURDUAR-SALAKATI	2	76	23	0.7	0.0	0.7
					ER-NER	4.7	0.6	4.1
Import/Export of NER (With NR)								
1	HVDC	BISWANATH CHARIALI-AGRA	2	1426	0	25.0	0.0	25.0
					NER-NR	25.0	0.0	25.0
Import/Export of WR (With NR)								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	1261	0.0	25.5	-25.5
2	HVDC	VINDHYACHAL B/B	-	0	56	0.0	1.2	-1.2
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1458	0.0	22.4	-22.4
4	765 kV	GWALIOR-AGRA	2	327	1804	0.0	15.1	-15.1
5	765 kV	GWALIOR-PHAGI	2	1370	1204	6.3	11.8	-5.5
6	765 kV	JABALPUR-ORAI	2	572	804	0.0	6.8	-6.8
7	765 kV	GWALIOR-ORAI	1	650	0	10.3	0.0	10.3
8	765 kV	SATNA-ORAI	1	0	996	0.0	17.1	-17.1
9	765 kV	BANASKANTHA-CHITORGARH	2	1589	0	22.3	0.0	22.3
10	765 kV	VINDHYACHAL-VARANASI	2	0	2727	0.0	45.7	-45.7
11	400 kV	ZERDA-KANKROLI	1	393	0	5.6	0.0	5.6
12	400 kV	ZERDA -BHINMAL	1	271	0	3.9	0.0	3.9
13	400 kV	VINDHYACHAL -RIHAND	1	979	0	20.2	0.0	20.2
14	400 kV	RAPP-SHUJALPUR	2	877	108	8.6	0.2	8.4
15	400 kV	NEEMUCH-Chittorgarh	2	788	176	7.4	0.4	7.0
16	220 kV	BHANPURA-RANPUR	1	0	146	0.0	2.6	-2.6
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	2.1	-2.1
18	220 kV	MEHGAON-AURAIYA	1	65	0	0.9	0.0	0.9
19	220 kV	MALANPUR-AURAIYA	1	51	12	0.6	0.0	0.6
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	86.0	150.8	-64.8
Import/Export of WR (With SR)								
1	HVDC	BHADRAWATI B/B	-	0	1012	0.0	24.0	-24.0
2	HVDC	RAIGARH-PUGALUR	2	0	4505	0.0	66.3	-66.3
3	765 kV	SOLAPUR-RAICHUR	2	672	1504	1.2	13.1	-11.9
4	765 kV	WARDHA-NIZAMABAD	2	0	2877	0.0	39.8	-39.8
5	765 kV	WARORA-WARANGAL(NEW)	2	0	2960	0.0	44.1	-44.1
6	400 kV	KOLHAPUR-KUDGI	2	1377	0	17.6	0.0	17.6
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	123	2.3	0.0	2.3
					WR-SR	21.1	187.3	-166.2

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)	347	8	208	5.00
	ER	400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) i.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)	-280	35	-135	-3.24
	ER	220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) i.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)	-242	-151	-190	-4.57
	NER	132kV GELEPHU-SALAKATI	-21	-5	-11	-0.26
	NER	132kV MOTANGA-RANGIA	12	-6	5	0.12
NEPAL	NR	NEPAL IMPORT (FROM UP)	0	0	0	-1.26
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)	0	0	0	0.00
	ER	NEPAL IMPORT (FROM BIHAR)	-298	-3	-136	-3.27
	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2	-613	28	-332	-7.97
BANGLADESH	ER	BHERAMARA B/B HVDC (B'DESH)	-944	-894	-908	-21.79
	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RAHANPUR (B'DESH) D/C	-1371	-898	-1094	-26.25
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2	-32	0	-27	-0.64

CROSS BORDER EXCHANGE SCHEDULE **Date of Reporting: 05-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	5.45	0.00	0.00	0.00	0.00	0.00	5.84
Nepal	3.37	0.00	5.93	0.00	0.00	2.45	0.00	0.00	11.75
Bangladesh	22.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.58
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	25.95	0.39	11.38	0.00	0.00	2.45	0.00	0.00	40.17

Import by India(in MU)

Country	GNA (ISGA/PPA)	T-GNA							TOTAL
		BILATERAL TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	2.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.05
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	2.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.05

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	2.05	-0.39	-5.45	0.00	0.00	0.00	0.00	0.00	-3.79
Nepal	-3.37	0.00	-5.93	0.00	0.00	-2.45	0.00	0.00	-11.75
Bangladesh	-22.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-22.58
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	-23.90	-0.39	-11.38	0.00	0.00	-2.45	0.00	0.00	-38.12

Date of Reporting: 05-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) (+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	50.05	185300	6468	7530	183	10139	3183	158144	1931	177587	187578	-1385
0:15	50.05	184563	6430	7530	188	8991	3208	158719	1947	176845	187013	-1440
0:30	50.00	183210	6466	7415	184	9159	3099	157575	2013	175611	185911	-1443
0:45	49.95	182650	6447	7179	175	8958	2988	157312	1966	175296	185025	-1481
1:00	50.00	181080	6346	6950	173	8695	2876	156800	1937	173957	183777	-1469
1:15	49.95	179839	6345	6678	160	8893	2719	155737	2001	173001	182533	-1490
1:30	50.00	178630	6361	6507	161	8890	2705	154566	1946	171962	181136	-1487
1:45	50.00	177509	6328	6207	162	8722	2679	154327	1951	171140	180376	-1454
2:00	50.00	176645	6371	6102	164	8522	2658	153560	1957	170379	179334	-1438
2:15	50.00	176289	6365	6015	156	8767	2655	153008	1937	170118	178903	-1223
2:30	50.00	175370	6363	6005	160	8398	2655	152513	1933	169205	178027	-1221
2:45	50.05	174689	6339	5957	154	7981	2653	152430	1972	168578	177486	-1174
3:00	50.05	173589	6385	5895	153	7075	2641	152222	1954	167541	176325	-1231
3:15	50.00	173384	6380	5825	154	6980	2604	152468	1921	167405	176332	-1236
3:30	50.00	173040	6364	5879	156	6651	2602	152153	1975	167005	175780	-1196
3:45	50.00	172983	6361	5986	156	7010	2613	151965	1940	166841	176031	-1236
4:00	50.05	172788	6353	6040	154	7060	2577	151528	1895	166594	175607	-1174
4:15	50.00	174402	6387	6072	151	7279	2613	152417	1961	168179	176880	-996
4:30	50.05	174873	6362	6053	151	7549	2605	152884	1984	168669	177588	-1015
4:45	50.05	175989	6389	6104	151	7766	2682	153437	1944	169734	178473	-1014
5:00	50.05	176632	6358	6161	151	8261	2669	153867	1954	170320	179421	-983
5:15	50.00	178527	6356	6225	155	8100	2785	155873	1922	172147	181416	-970
5:30	50.00	180728	6386	6197	156	8346	2813	157693	1922	174375	183513	-1023
5:45	49.95	183323	6331	6043	163	9224	2815	159496	1903	177117	185975	-1021
6:00	50.05	184997	6345	5748	148	10237	2852	160414	1924	179101	187668	-1075
6:15	49.69	187149	6347	5556	215	11285	2904	162252	1931	181378	190490	-1703
6:30	49.95	191352	6358	5334	378	13294	2993	164401	1956	185640	194714	-1699
6:45	50.00	192456	6407	5156	1385	13604	2948	164243	1960	185915	195703	-1682
7:00	50.05	192334	6432	4917	3217	13057	2959	162915	1979	184200	195476	-1787
7:15	50.00	192881	6435	4733	6060	11848	2925	161954	1990	182088	195945	-1761
7:30	50.05	192888	6426	4472	9926	11431	2791	158872	2055	178490	195973	-1787
7:45	50.05	192065	6442	4205	14718	10280	2655	154750	2026	173142	195076	-1811
8:00	50.10	191132	6446	3711	19994	9707	2591	149707	2103	167427	194259	-2031
8:15	50.05	192242	6435	3200	25289	9223	2647	146691	2092	163753	195577	-2047
8:30	50.05	193839	6398	2686	30106	8690	2655	144566	2052	161047	197153	-2050
8:45	50.05	195448	6379	2279	35135	8059	2651	142294	2057	158034	198854	-2020
9:00	50.10	196546	6395	2311	39549	7585	2608	139661	2037	154686	200146	-2086
9:15	50.00	199941	6360	2209	43496	6895	2570	140093	2051	154236	203674	-2061
9:30	49.95	202760	6392	2104	47326	6554	2565	139652	2069	153330	206662	-2127
9:45	50.00	204426	6375	1984	50177	6916	2560	138287	2066	152265	208365	-1998
10:00	50.05	204488	6396	1818	53266	7036	2564	135343	2040	149404	208463	-2006
10:15	50.00	204622	6355	1652	56180	6582	2575	132728	2108	146790	208180	-2058
10:30	50.00	204797	6340	1575	58998	6061	2571	130718	2084	144224	208347	-2017
10:45	50.00	204863	6366	1550	59985	5981	2561	129756	2115	143328	208314	-1947
11:00	50.00	204725	6341	1522	61352	6041	2565	128109	2151	141851	208081	-2046
11:15	50.00	203453	6361	1454	62562	6039	2594	126002	2121	139437	207133	-2050
11:30	50.00	202840	6341	1374	62980	5825	2598	125375	2102	138486	206595	-2048
11:45	49.95	202527	6359	1298	63048	6161	2592	124902	2108	138181	206468	-2024
12:00	49.95	201568	6328	1247	62875	6385	2599	123967	2049	137446	205450	-1948
12:15	49.95	200679	6348	1203	63214	5522	2568	123575	2083	136262	204513	-1963
12:30	49.90	199989	6345	1210	63204	5512	2574	123113	2098	135575	204056	-2023
12:45	49.90	199205	6323	1244	62627	5811	2586	122306	2083	135334	202980	-1902
13:00	50.05	197531	6359	1300	62335	6018	2569	120646	2051	133896	201278	-1864
13:15	50.05	195186	6343	1491	61953	5621	2547	118776	2074	131742	198805	-1911
13:30	50.05	195073	6344	1692	61066	5657	2576	119223	2068	132315	198626	-1952
13:45	50.00	196458	6345	2104	60442	5489	2562	121032	2081	133912	200055	-1930
14:00	50.10	197102	6299	2560	59206	5598	2663	122291	2093	135336	200710	-1969
14:15	50.00	197596	6314	2943	57864	4969	2846	123935	2071	136789	200942	-1922
14:30	50.00	200047	6327	3335	56660	5384	3014	126755	2022	140052	203497	-1914
14:45	49.95	201415	6351	3608	54887	5881	3046	129092	2046	142920	204911	-1921
15:00	49.95	202231	6300	3832	52271	6337	3077	131860	2067	146128	205744	-1927
15:15	50.00	203298	6328	4123	50464	6836	3153	133943	1976	148711	206823	-1964
15:30	50.00	204263	6355	4373	48099	7230	3149	136473	1979	151791	207658	-1976
15:45	50.00	203688	6328	4638	45018	7490	3165	138400	1975	154032	207014	-1983
16:00	50.05	203287	6327	4930	42091	7788	3207	140084	1953	156266	206380	-1993
16:15	49.95	202217	6310	5083	38504	7709	3171	142336	1972	158630	205085	-1971
16:30	49.95	202938	6294	4814	34738	8546	3254	146161	1968	163386	205775	-1921
16:45	49.85	202798	6319	5164	30605	8948	3275	149954	1958	167029	206223	-1799
17:00	49.95	202112	6298	4649	26162	9067	3158	153865	1913	171301	205112	-1772
17:15	50.05	201309	6304	4693	21522	10192	3053	156207	1954	175094	203925	-1351
17:30	50.00	200459	6296	5127	16772	11288	3059	158721	1910	178560	203173	-1397
17:45	50.00	198577	6282	5079	12235	12181	3095	160471	1896	181263	201239	-1335
18:00	50.00	198382	6253	4605	8997	14270	3172	162633	1955	184780	201885	-1218
18:15	49.95	198092	6371	4395	6309	16359	3263	162715	2017	187388	201429	-1028
18:30	49.95	201537	6359	4345	4122	18895	3387	165983	2014	193070	205105	-989
18:45	49.90	204123	6405	4335	2744	21113	3573	167566	1987	197044	207723	-972
19:00	49.80	207612	6346	4348	1940	23458	3651	169379	2031	201324	211153	-980
19:15	49.85	209489	6395	4483	1844	24762	3713	169756	1980	203162	212933	-879
19:30	49.95	210031	6387	4661	1796	25014	3689	169873	2066	203574	213486	-866
19:45	49.95	209196	6422	4661	1799	24559	3683	169349	2047	202736	212520	-904
20:00	50.05	206469	6441	4628	1800	22994	3690	168378	2057	200041	209988	-953
20:15	50.00	205666	6422	4708	1833	21208	3671	169067	2008	199125	208917	-948
20:30	50.05	204448	6448	5019	1831	20104	3668	168951	2015	197598	208036	-960
20:45	50.00	203009	6419	5144	1832	18564	3632	168540	2081	196033	206212	-954
21:00	50.00	200220	6492	5317	1830	16087	3541	160681	1992	193073	195940	-1310
21:15	49.95	199459	6475	5396	1830	14980	3477	160812	2055	192233	195025	-1305
21:30	50.00	199056	6433	5514	1787	15779	3411	160879	1997	191755	195800	-1308
21:45	50.05	199456	6425	5772	1789	15860	3377	160713	1980	191895	195916	-1310
22:00	50.05	198356	6402	5682	1795	16780	3264	166260	1920	190879	202103	-995
22:15	50.00	200073	6423	5549	1798	17280	3175	160725	1947	192726	196897	-1017
22:30	50.00	200690	6383	5539	1799	16975	3169	168594	1928	193352	204387	-1012
22:45	49.99	199358	6399	5354	1797	15943	3180	168242	1905	192207	202820	-1024
23:00	50.04	197249	6429	5241	1799	15349	3183	166909	1897	190209	200807	-1162
23:15	49.99	197358	6424	5220	1803	14122	3166	168592	1928	190335	201255	-1488
23:30	50.04	196177	6440	5222	126	13599	3161	167901	1941	190829	198390	-1495
23:45	49.99	194541	6424	5325	129	12373	3159	167695	1936	189087	197041	-1523

*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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