



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: 15.04.2025

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, लापालंग, 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 14.04.2025.**

महोदय/Sir,

आईईजीसी-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 14-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 14.04.2025, 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: 15-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)	61464	69286	47447	22860	2972	204029
Peak Shortage (MW)	0	0	0	326	0	326
Energy Met (MU)	1264	1667	1213	533	55	4731
Hydro Gen (MU)	153	38	63	28	10	292
Wind Gen (MU)	16	192	47	-	-	255
Solar Gen (MU)*	205.65	149.76	141.50	3.88	0.92	502
Energy Shortage (MU)	0.00	0.00	0.00	0.53	0.00	0.53
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	62863	75334	57861	24416	3122	207497
Time Of Maximum Demand Met	19:39	15:58	14:48	13:30	18:36	15:02

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	0.036	0.00	0.00	3.80	3.80	74.95	21.26

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	8823	0	167.1	65.9	0.2	565	0.00
	Haryana	8783	0	164.1	112.8	-0.6	444	0.00
	Rajasthan	14196	0	296.4	103.7	0.0	611	0.00
	Delhi	4620	0	98.1	92.2	-2.7	190	0.00
	UP	21680	0	400.2	149.1	1.3	568	0.00
	Uttarakhand	2137	0	43.4	32.6	0.0	92	0.00
	HP	1666	0	31.9	15.8	-0.5	655	0.00
	J&K(UT) & Ladakh(UT)	2614	0	54.0	44.8	-1.3	212	0.00
	Chandigarh	232	0	4.3	4.3	0.0	18	0.00
	Railways NR ISTS	199	0	4.1	3.9	0.3	32	0.00
WR	Chhattisgarh	6452	0	146.1	82.2	1.4	329	0.00
	Gujarat	24324	0	485.7	170.3	-3.3	586	0.00
	MP	13640	0	294.5	166.3	-1.8	700	0.00
	Maharashtra	28811	0	659.0	235.4	0.4	916	0.00
	Goa	765	0	16.5	15.8	0.1	92	0.00
	DNHDDPDCL	1280	0	29.4	29.8	-0.4	35	0.00
	AMNSIL	897	0	19.6	9.3	0.4	258	0.00
	BALCO	532	0	12.7	12.7	0.0	33	0.00
	RIL JAMNAGAR	160	0	3.2	3.2	0.0	0	0.00
	Andhra Pradesh	11268	0	218.9	67.1	-0.2	554	0.00
SR	Telangana	12475	0	249.0	116.2	-1.3	491	0.00
	Karnataka	15045	0	289.3	124.8	-0.4	1238	0.00
	Kerala	4029	0	84.4	70.2	-0.8	338	0.00
	Tamil Nadu	16823	0	361.5	241.1	-2.5	858	0.00
	Puducherry	471	0	10.1	9.8	-0.3	25	0.00
	Bihar	5242	0	103.0	92.2	0.1	807	0.53
ER	DVC	3198	0	68.0	-34.2	0.1	437	0.00
	Jharkhand	1876	0	36.9	31.0	-1.6	407	0.00
	Odisha	5958	0	117.6	26.1	-0.5	496	0.00
	West Bengal	9866	0	205.5	73.4	-2.4	457	0.00
	Sikkim	96	0	1.4	1.5	-0.1	31	0.00
	Railways ER ISTS	13	0	0.3	0.4	-0.1	3	0.00
NER	Arunachal Pradesh	173	0	2.9	2.9	-0.2	31	0.00
	Assam	1870	0	32.2	25.7	0.1	180	0.00
	Manipur	178	0	2.8	2.9	-0.1	24	0.00
	Meghalaya	333	0	5.7	4.6	-0.2	48	0.00
	Mizoram	114	0	2.5	1.9	-0.1	6	0.00
	Nagaland	165	0	2.7	2.7	-0.1	15	0.00
	Tripura	313	0	6.2	4.9	0.3	48	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	-3.0	-9.8	-22.9	-17.8
Day Peak (MW)	-275.0	-633.4	-985.0	-772.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	165.9	-266.0	207.0	-120.5	13.6	0.0
Actual(MU)	155.2	-238.7	199.8	-136.6	12.4	-7.8
O/D/U/D(MU)	-10.7	27.4	-7.1	-16.1	-1.2	-7.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3918	8548	3268	1758	361	17852	42
State Sector	9479	7501	6236	1259	139	24614	58
Total	13397	16048	9504	3017	500	42466	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	739	1524	664	734	13	3674	72
Lignite	25	15	45	0	0	85	2
Hydro	153	38	63	28	10	292	6
Nuclear	27	65	71	0	0	163	3
Gas, Naptha & Diesel	9	39	10	0	24	82	2
RES (Wind, Solar, Biomass & Others)	233	344	219	6	1	802	16
Total	1187	2024	1072	768	47	5097	100

Share of RES in total generation (%)	19.64	16.98	20.40	0.72	1.95	15.73
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	34.82	22.04	32.90	4.38	23.18	24.65

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.077
Based on State Max Demands	1.114

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	207497	15:02	0
Non-Solar hr	207105	19:45	197

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: 15-Apr-2025

Sl No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	HVDC	ALIPURDUAR-AGRA	2	0	303	0.0	0.5	-0.5
2	HVDC	PUSAULI B/B	-	0	47	0.0	2.5	-2.5
3	765 kV	GAYA-VARANASI	2	933	1130	0.0	8.5	-8.5
4	765 kV	SASARAM-FATEHPUR	1	370	673	0.0	6.4	-6.4
5	765 kV	GAYA-BALIA	1	57	725	0.0	9.0	-9.0
6	400 kV	PUSAULI-VARANASI	1	7	147	0.0	1.2	-1.2
7	400 kV	PUSAULI-ALLAHABAD	1	57	107	0.0	1.2	-1.2
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	871	801	0.0	1.8	-1.8
9	400 kV	PATNA-BALIA	2	394	974	0.0	11.1	-11.1
10	400 kV	NAUBATPUR-BALIA	2	295	531	0.0	3.3	-3.3
11	400 kV	BIHARSHARIEF-BALIA	2	651	251	2.2	0.0	2.2
12	400 kV	MOTIHARI-GORAKHPUR	2	329	612	0.0	5.2	-5.2
13	400 kV	BIHARSARIEF-SAHUPURI	2	371	427	0.0	2.7	-2.7
14	220 kV	SAHUPURI-KARMANASA	1	10	71	0.0	0.7	-0.7
15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.1	0.0	0.1
16	132 kV	GARWAH-RIHAND	1	30	0	0.5	0.0	0.5
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
<b>ER-NR</b>						<b>2.8</b>	<b>53.8</b>	<b>-51.0</b>
<b>Import/Export of ER (With WR)</b>								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	1449	1199	0.0	2.0	-2.0
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1247	813	4.2	0.0	4.2
3	765 kV	JHARSUGUDA-DURG	2	0	782	0.0	12.3	-12.3
4	400 kV	JHARSUGUDA-RAIGARH	4	0	882	0.0	12.9	-12.9
5	400 kV	RANCHI-SIPAT	2	206	358	0.0	2.2	-2.2
6	220 kV	BUDHIPADAR-RAIGARH	1	0	162	0.0	2.4	-2.4
7	220 kV	BUDHIPADAR-KORBA	2	109	175	0.0	0.9	-0.9
<b>ER-WR</b>						<b>4.2</b>	<b>32.7</b>	<b>-28.5</b>
<b>Import/Export of ER (With SR)</b>								
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	114	0.0	2.7	-2.7
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1764	0.0	48.1	-48.1
3	765 kV	ANGUL-SRIKAKULAM	2	0	2961	0.0	51.8	-51.8
4	400 kV	TALCHER-I/C	2	0	989	0.0	8.5	-8.5
5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>102.6</b>	<b>-102.6</b>
<b>Import/Export of ER (With NER)</b>								
1	400 kV	BINAGURI-BONGAIGAON	2	300	546	2.8	2.0	0.8
2	400 kV	ALIPURDUAR-BONGAIGAON	2	360	0	1.8	0.0	1.8
3	220 kV	ALIPURDUAR-SALAKATI	2	78	0	0.7	0.0	0.7
<b>ER-NER</b>						<b>5.2</b>	<b>2.0</b>	<b>3.2</b>
<b>Import/Export of NER (With NR)</b>								
1	HVDC	BISWANATH CHARIALI-AGRA	2	948	342	15.8	0.0	15.8
<b>NER-NR</b>						<b>15.8</b>	<b>0.0</b>	<b>15.8</b>
<b>Import/Export of WR (With NR)</b>								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	1509	0.0	38.5	-38.5
2	HVDC	VINDHYACHAL B/B	-	49	0	1.2	0.0	1.2
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1456	0.0	36.4	-36.4
4	765 kV	GWALIOR-AGRA	2	699	1675	2.1	17.2	-15.1
5	765 kV	GWALIOR-PHAGI	2	1613	1414	8.3	15.3	-7.0
6	765 kV	JABALPUR-ORAI	2	555	979	0.0	16.6	-16.6
7	765 kV	GWALIOR-ORAI	1	968	24	14.5	0.0	14.5
8	765 kV	SATNA-ORAI	1	0	1332	0.0	20.3	-20.3
9	765 kV	BANASKANTHA-CHITTOORGARH	2	552	523	2.2	1.5	0.7
10	765 kV	VINDHYACHAL-VARANASI	2	0	2370	0.0	37.9	-37.9
11	400 kV	ZERDA-KANKROLI	1	250	79	1.9	0.1	1.8
12	400 kV	ZERDA-BHINMAL	1	173	55	1.3	0.1	1.2
13	400 kV	VINDHYACHAL-RIHAND	1	966	0	20.3	0.0	20.3
14	400 kV	RAPP-SHUJALPUR	2	865	297	6.3	1.6	4.8
15	400 kV	NEEMUCH-Chittorgarh	2	770	346	5.5	1.9	3.7
16	220 kV	BHANPURA-RANPUR	1	0	142	0.0	2.7	-2.7
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	2.2	-2.2
18	220 kV	MEHGAON-AURAIYA	1	76	0	1.0	0.0	1.0
19	220 kV	MALANPUR-AURAIYA	1	62	8	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
<b>WR-NR</b>						<b>65.2</b>	<b>192.2</b>	<b>-127.0</b>
<b>Import/Export of WR (With SR)</b>								
1	HVDC	BHADRAWATI B/B	-	0	1013	0.0	21.8	-21.8
2	HVDC	RAIGARH-PUGAUR	2	0	6018	0.0	72.9	-72.9
3	765 kV	SOLAPUR-RAICHUR	2	1009	1289	5.2	6.6	-1.4
4	765 kV	WARDHA-NIZAMABAD	2	0	2703	0.0	32.7	-32.7
5	765 kV	WARORA-WARANGAL(NEW)	2	0	2744	0.0	34.0	-34.0
6	400 kV	KOLHAPUR-KUDGI	2	1480	0	20.7	0.0	20.7
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	112	0.0	2.2	-2.2
<b>WR-SR</b>						<b>28.1</b>	<b>168.0</b>	<b>-139.9</b>

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 MANGDECHHU HEP 4*180MW)	211	183	189	4.53	
	ER	400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) I.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)	-300	36	-110	-2.63	
	ER	220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) I.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)	-252	-154	-195	-4.68	
	NER	132kV GELEPHU-SALAKATI	-24	5	-13	-0.32	
	NER	132kV MOTANGA-RANGIA	14	-3	4	0.10	
NEPAL	NR	NEPAL IMPORT (FROM UP)	-71	0	-43	-1.04	
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)	-71	0	-43	-1.03	
	ER	NEPAL IMPORT (FROM BIHAR)	-266	-2	-122	-2.93	
BANGLADESH	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2	-367	14	-202	-4.85	
	ER	BHERAMARA B/B HVDC (B'DESH)	-949	-882	-923	-22.14	
	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RAHANPUR (B'DESH) D/C	-772	-605	-742	-17.80	
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2	-36	0	-31	-0.74	

## CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 15-Apr-2025

## Export From India (in MU)

Export From India (in MFC)		T-GNA							TOTAL
Country	GNA (ISGS/PPA)	BILATERAL TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	0.00	0.38	3.58	0.00	0.00	0.15	0.00	0.00	4.11
Nepal	3.37	0.00	1.17	0.00	0.00	4.35	0.00	0.00	8.89
Bangladesh	22.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.92
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	26.29	0.38	4.75	0.00	0.00	4.50	0.00	0.00	35.92

## Import by India(in MU)

Import by India (Mn US\$)									
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

Net from India(In M€)						-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	-0.38	-3.58	0.00	0.00	-0.15	0.00	0.00	-3.35
Nepal	-3.37	0.00	-1.17	0.00	0.00	-4.35	0.00	0.00	-8.89
Bangladesh	-22.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-22.92
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	-25.53	-0.38	-4.75	0.00	0.00	-4.50	0.00	0.00	-35.16

Date of Reporting: 15-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 GENERATIO N (MW)	NET TRANSNATIONAL EXCHANGE (MW) (+ve) Import, (-ve)
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I=A- J+C+D)	(J=B+C+D+E +F+G+H)	(K)
00:00	49.99	193409	6495	11138	367	12985	3145	160616	2093	181904	196839	-1463
01:15	49.99	193080	6459	11287	353	12773	3135	160584	2054	181440	196645	-1572
03:30	49.99	191925	6466	11414	337	12406	3123	159851	2043	180174	195640	-1576
04:45	49.99	190735	6483	11590	339	12307	3138	158663	2020	178806	194540	-1552
1:00	49.99	189438	6497	11858	337	11929	3147	157302	2015	177243	193085	-1548
1:15	49.89	187657	6470	11868	346	10844	3132	156632	2031	175443	191323	-1530
1:30	49.94	186257	6474	11772	351	10743	3129	155443	2028	174134	189940	-1526
1:45	49.94	185405	6451	11577	339	10938	3131	154448	2076	173489	188960	-1470
2:00	49.99	183982	6495	11417	331	10892	3124	153130	2026	172234	187415	-1479
2:15	49.99	182884	6494	11315	349	10497	3112	152559	2045	171220	186371	-1311
2:30	49.94	181968	6478	11106	355	10315	3127	151864	2044	170507	185289	-1363
2:45	49.99	181063	6495	10881	357	10510	3126	151175	2039	169825	184583	-1396
3:00	49.99	179710	6479	10713	365	9783	3132	151018	2032	168632	183522	-1377
3:15	49.89	179402	6476	10731	356	9326	3150	150788	2080	168315	182907	-1387
3:30	49.94	179092	6484	10538	356	9564	3139	150402	2052	168198	182535	-1425
3:45	49.94	178853	6467	10306	366	9617	3131	150387	2089	168181	182363	-1469
4:00	50.04	178615	6507	10307	365	9892	3137	149995	2034	167943	182237	-1419
4:15	49.99	179508	6507	10120	362	9814	3051	150924	2075	169026	182853	-1115
4:30	50.04	180006	6489	10217	353	9747	2897	151716	2058	169436	183477	-1145
4:45	49.99	180943	6289	9873	339	9707	2902	153375	2046	170731	184531	-1139
5:00	50.09	180792	6300	9799	341	9617	2892	153540	2022	170652	184511	-1146
5:15	49.99	182733	6283	9621	340	9931	2905	155282	2055	172772	186417	-1132
5:30	50.04	184569	6292	9369	338	10247	2914	157151	2073	174862	188384	-1130
5:45	49.99	184849	6304	9254	343	10480	2908	157507	2043	175252	188839	-1168
6:00	50.04	185790	6331	9070	372	11188	2908	158120	2035	176348	190024	-1191
6:15	49.89	187799	6293	8781	639	11817	2926	159363	2086	178379	191905	-1468
6:30	49.99	189524	6325	8492	1386	12022	2909	160204	2154	179656	193492	-1510
6:45	50.04	189180	6341	8137	2969	12247	2927	158114	2049	178074	192784	-1474
7:00	49.99	189563	6337	7745	5458	12597	2901	155954	2034	176360	193026	-1513
7:15	49.99	190004	6353	7358	9149	11835	2913	153714	2146	173497	193468	-1514
7:30	49.99	190048	6349	6957	13548	12126	2899	149557	2128	169543	193564	-1677
7:45	50.04	190707	6348	6365	18410	11383	2917	144641	2191	164295	192255	-1643
8:00	50.04	188262	6358	5715	23456	10768	2915	140089	2162	159091	191463	-1627
8:15	49.89	189680	6308	5239	28243	10374	2919	137643	2167	156198	192893	-1649
8:30	49.99	191372	6319	5072	33343	10723	2910	134287	2154	152957	194808	-1667
8:45	50.04	191382	6297	5191	37530	10011	2921	130869	2104	148661	194923	-1636
9:00	50.09	192464	6328	5516	41238	8586	2960	129289	2152	145710	196069	-1607
9:15	50.04	196907	6295	5731	45036	7524	2980	130371	2129	146140	200066	-1675
9:30	50.04	199136	6299	5948	48545	7375	2986	129198	2168	144643	202519	-1680
9:45	50.04	201707	6300	6577	51458	7473	2979	127924	2163	143672	204874	-1646
10:00	50.14	201795	6296	6785	54038	7218	2983	125664	2197	140972	205181	-1686
10:15	49.94	201664	6321	7135	56487	6460	2991	123643	2204	138042	205241	-1664
10:30	49.99	202865	6308	7481	58417	6944	2995	122006	2256	136967	206407	-1689
10:45	49.89	203588	6282	7680	59743	6428	2987	121553	2278	136165	206951	-1726
11:00	49.94	203839	6310	8003	60707	6667	2995	120092	2245	135129	207019	-1716
11:15	49.99	202938	6292	8217	61464	6863	3000	118144	2236	133257	206216	-1728
11:30	50.09	203133	6288	8246	62485	6535	3023	117878	2231	132402	206686	-1719
11:45	50.04	203792	6277	8406	63409	6464	3015	117434	2260	131977	207265	-1684
12:00	50.09	203491	6278	8704	63406	6450	3016	117033	2220	131381	207107	-1632
12:15	50.14	203495	6293	8546	63490	6511	3027	116170	2268	131459	206305	-1648
12:30	49.99	202444	6253	8141	62699	6912	3027	115770	2233	131604	205035	-1631
12:45	49.99	202459	6245	8056	62566	6973	3091	115859	2260	131837	205050	-1597
13:00	50.04	200671	6270	8002	61925	6738	3090	115151	2232	130744	203408	-1634
13:15	50.04	199072	6224	8061	61409	6717	3100	113699	2203	129602	201413	-1602
13:30	50.09	200164	6263	8476	61531	7176	3088	113956	2189	130157	202679	-1671
13:45	50.04	200968	6233	8715	60833	7469	3082	115173	2187	131420	203692	-1646
14:00	50.09	201336	6221	8657	59752	7559	3102	116625	2167	132927	204083	-1715
14:15	49.99	202221	6260	8636	58377	7057	3099	119491	2156	135208	205076	-1707
14:30	49.99	204905	6272	8757	57427	7808	3103	122243	2168	138721	207778	-1696
14:45	50.04	206622	6249	8946	55577	8973	3117	124439	2196	142099	209497	-1679
15:00	50.04	207269	6224	9233	52816	9433	3142	127031	2138	145220	210017	-1679
15:15	50.09	206631	6270	9459	50800	8798	3243	128480	2133	146372	209183	-1707
15:30	50.04	206154	6254	9655	47470	8723	3243	130907	2128	149029	208380	-1668
15:45	50.04	206237	6244	10060	44364	9111	3169	133508	2156	151813	208612	-1620
16:00	50.04	204874	6260	10549	40548	9495	3248	135006	2093	153777	207199	-1617
16:15	49.99	203265	6278	10760	37170	9751	3277	136515	2109	155335	205860	-1636
16:30	49.99	204235	6253	10590	33412	11050	3278	139995	2054	160233	206632	-1646
16:45	49.89	202857	6273	10554	28997	11288	3288	142575	2074	163306	205049	-1593
17:00	49.89	201193	6235	10495	24778	11428	3339	145277	2046	165920	203598	-1346
17:15	49.99	199362	6239	10656	20904	12418	3353	146017	2028	167802	201615	-1078
17:30	49.99	198472	6237	10484	16937	13035	3356	148482	2005	171051	200536	-1068
17:45	50.04	196641	6255	10593	12609	13234	3478	150682	2011	173439	198862	-1048
18:00	50.04	195583	6262	10574	8857	13791	3490	152998	1972	176152	197944	-1077
18:15	50.04	195274	6229	10758	5850	15014	3663	154282	1978	178666	197774	-971
18:30	50.09	198448	6230	10777	3651	18300	3692	156228	2090	184020	200968	-963
18:45	50.04	201650	6240	10691	2173	20033	3760	159224	2067	188786	204188	-947
19:00	50.09	204118	6248	10823	1020	20934	3816	161930	2119	192275	206890	-991
19:15	50.09	206764	6230	11013	822	22030	3781	163461	2120	194929	209457	-930
19:30	50.04	206861	6211	11292	690	21163	3726	164708	2063	194879	209853	-924
19:45	50.04	207105	6271	11300	587	20035	3670	165610	2100	195218	209573	-830
20:00	50.04	205496	6267	11268	577	19051	3657	165097	2108	193651	208025	-932
20:15	49.99	203906	6263	11016	230	18711	3652	164214	2143	192660	206229	-991
20:30	49.99	203162	6289	10640	232	17955	3625	164584	2101	192290	205426	-971
20:45	49.99	202633	6261	10343	227	16561	3614	165909	2093	192063	205008	-951
21:00	49.99	201882	6282	10278	235	16280	3618	165254	2083	191369	204030	-972
21:15	49.99	201017	6283	10362	238	15629	3606	164751	2064	190417	202933	-954
21:30	50.04	201500	6255	10499	240	16436	3607	164376	2093	190761	203506	-961
21:45	49.99	201965	6330	10846	253	17449	3617	163605	2037	190866	204137	-955
22:00	50.04	201834	6266	11382	219	17628	3613	162840	2081	190233	204029	-954
22:15	49.99	204044	6257	10800	199	18955	3611	164012				