



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: 21.03.2025

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., 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 20.03.2025.

महोदय/Sir,

आईईजीसी-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 20-मार्च-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 20.03.2025, is available at the NLDC website.

धन्यवाद,
Thanks

Report for previous day

Date of Reporting: 21-Mar-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)	56113	69803	54383	24191	2821	207311
Peak Shortage (MW)	0	0	0	0	0	0
Energy Met (MU)	1227	1631	1456	538	53	4905
Hydro Gen (MU)	126	52	96	25	10	308
Wind Gen (MU)	15	93	50	-	-	158
Solar Gen (MU)*	184.73	134.62	151.07	3.15	0.83	474
Energy Shortage (MU)	0.00	0.08	0.00	0.20	0.13	0.41
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	59046	73230	69389	24922	2949	225884
Time Of Maximum Demand Met	10:14	10:39	15:48	18:45	18:13	10:43

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	0.037	0.24	0.25	7.82	8.32	80.11	11.57

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	9546	0	176.2	65.8	-0.1	602	0.00
	Haryana	7567	0	158.3	95.4	-1.1	233	0.00
	Rajasthan	15136	0	295.2	69.0	-5.1	418	0.00
	Delhi	3924	0	78.9	70.5	0.7	274	0.00
	UP	19497	0	376.2	71.4	0.8	817	0.00
	Uttarakhand	2096	0	41.2	31.8	0.8	120	0.00
	HP	1891	0	34.5	24.8	-0.1	629	0.00
	J&K(UT) & Ladakh(UT)	2888	0	59.0	53.5	-2.0	337	0.00
	Chandigarh	198	0	3.6	3.6	0.0	12	0.00
	Railways_NR ISTS	190	0	3.9	3.8	0.1	23	0.00
WR	Chhattisgarh	6479	0	148.5	80.8	-0.1	327	0.00
	Gujarat	22588	0	460.6	184.2	-4.2	729	0.00
	MP	14195	78	272.1	148.8	-3.7	610	0.08
	Maharashtra	29384	0	668.0	248.4	0.1	840	0.00
	Goa	768	0	16.5	16.3	-0.2	59	0.00
	DNHDDPDCL	1329	0	30.9	30.8	0.1	80	0.00
	AMNSIL	763	0	15.9	8.7	0.5	260	0.00
	BALCO	535	0	12.7	12.7	0.0	144	0.00
	RIL JAMNAGAR	253	0	6.0	6.2	-0.2	0	0.00
	Andhra Pradesh	12701	0	248.6	71.8	-1.0	445	0.00
SR	Telangana	17162	0	333.2	183.3	-1.5	1002	0.00
	Karnataka	17937	0	356.1	154.0	0.1	934	0.00
	Kerala	5347	0	101.1	80.4	0.8	349	0.00
	Tamil Nadu	19500	0	406.5	266.7	-2.1	1023	0.00
	Puducherry	463	0	10.3	9.8	-0.1	60	0.00
ER	Bihar	5161	0	105.2	97.2	2.7	272	0.02
	DVC	3309	0	67.6	-51.3	-1.1	433	0.00
	Jharkhand	1793	0	36.4	32.1	-3.5	123	0.18
	Odisha	5547	0	117.9	44.5	-1.5	470	0.00
	West Bengal	9485	0	209.4	63.0	-3.3	195	0.00
	Sikkim	105	0	1.7	1.7	0.0	26	0.00
NER	Railways_ER ISTS	13	0	0.2	0.2	0.0	0	0.00
	Arunachal Pradesh	175	0	3.0	3.0	0.0	43	0.00
	Assam	1733	0	31.8	25.4	0.6	113	0.00
	Manipur	208	0	3.0	2.7	0.3	81	0.13
	Meghalaya	331	0	5.7	4.5	0.1	53	0.00
	Mizoram	132	0	1.8	1.9	-0.4	17	0.00
	Nagaland	162	0	2.4	2.4	0.0	43	0.00
	Tripura	282	0	5.4	5.0	0.4	55	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	-3.9	-12.3	-23.5	-29.6
Day Peak (MW)	-386.6	-884.4	-1007.0	-1368.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	65.0	-228.3	279.6	-129.8	13.6	0.0
Actual(MU)	58.6	-228.0	283.5	-137.3	13.6	-9.6
O/D/U/D(MU)	-6.4	0.2	4.0	-7.5	0.0	-9.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	5033	10530	2328	3563	601	22055	52
State Sector	5818	8094	5126	914	155	20106	48
Total	10851	18623	7454	4476	756	42161	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	854	1612	770	745	11	3992	75
Lignite	29	11	57	0	0	97	2
Hydro	126	52	96	25	10	308	6
Nuclear	15	64	75	0	0	155	3
Gas, Naptha & Diesel	8	20	8	0	23	58	1
RES (Wind, Solar, Biomass & Others)	222	230	240	5	1	698	13
Total	1254	1989	1247	776	44	5309	100

Share of RES in total generation (%)	17.74	11.55	19.27	0.69	1.92	13.16
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	29.00	17.36	33.02	3.94	23.91	21.88

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.016
Based on State Max Demands	1.065

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	225884	10:43	11
Non-Solar hr	209570	18:59	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.

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 21-Mar-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	700	651	0.0	4.8	-4.8
4	765 kV	SASARAM-FATEHPUR	1	147	464	0.0	6.7	-6.7
5	765 kV	GAYA-BALIA	1	5	459	0.0	4.8	-4.8
6	400 kV	PUSAULI-VARANASI	1	0	131	0.0	1.9	-1.9
7	400 kV	PUSAULI-JALLAHABAD	1	38	38	0.0	0.7	-0.7
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	569	345	1.9	0.0	1.9
9	400 kV	PATNA-BALIA	2	121	667	0.0	10.3	-10.3
10	400 kV	NAUBATPUR-BALIA	2	63	212	0.0	3.0	-3.0
11	400 kV	BIHARSHARIEF-BALIA	2	476	69	3.4	0.0	3.4
12	400 kV	MOTIHARI-GORAKHPUR	2	125	381	0.0	4.3	-4.3
13	400 kV	BIHARSHARIEF-SAHUPURI	2	0	0	0.0	2.7	-2.7
14	220 kV	SAHUPURI-KARAMNUSA	1	6	51	0.0	0.2	-0.2
15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.0	0.0	0.0
16	132 kV	GARWAH-RIHAND	1	30	0	0.4	0.0	0.4
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	5.7	41.8	-36.1
Import/Export of ER (With WR)								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	591	663	1.6	0.0	1.6
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	526	1032	0.0	6.3	-6.3
3	765 kV	JHARSUGUDA-DURG	2	0	781	0.0	14.7	-14.7
4	400 kV	JHARSUGUDA-RAIGARH	4	0	780	0.0	12.4	-12.4
5	400 kV	RANCHI-SIPAT	2	98	388	0.0	3.0	-3.0
6	220 kV	BUDHIPADAR-RAIGARH	1	8	100	0.0	1.3	-1.3
7	220 kV	BUDHIPADAR-KORBA	2	49	148	0.0	1.4	-1.4
					ER-WR	1.6	39.0	-37.3
Import/Export of ER (With SR)								
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	527	0.0	12.6	-12.6
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1766	0.0	48.1	-48.1
3	765 kV	ANGUL-SRIKAKULAM	2	0	2937	0.0	59.9	-59.9
4	400 kV	TALCHER-I/C	2	0	282	0.0	3.8	-3.8
5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
					ER-SR	0.0	120.6	-120.6
Import/Export of ER (With NER)								
1	400 kV	BINAGURI-BONGAIGAON	2	306	57	3.0	0.2	2.8
2	400 kV	ALIPURDUAR-BONGAIGAON	2	582	110	5.5	0.0	5.5
3	220 kV	ALIPURDUAR-SALAKATI	2	125	0	1.8	0.0	1.8
					ER-NER	10.3	0.2	10.1
Import/Export of NER (With NR)								
1	HVDC	BISWANATH CHARIALI-AGRA	2	954	0	23.3	0.0	23.3
					NER-NR	23.3	0.0	23.3
Import/Export of WR (With NR)								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	3095	0.0	41.3	-41.3
2	HVDC	VINDHYACHAL B/B	-	48	0	1.3	0.0	1.3
3	HVDC	MUNDRAMOHINDERGARH	2	0	1456	0.0	36.3	-36.3
4	765 kV	GWALIOR-AGRA	2	778	1195	2.0	6.0	-4.0
5	765 kV	GWALIOR-PHAGI	2	985	1078	4.0	9.1	-5.1
6	765 kV	JABALPUR-ORAI	2	369	552	0.0	0.9	-0.9
7	765 kV	GWALIOR-ORAI	1	689	0	10.9	0.0	10.9
8	765 kV	SATNA-ORAI	1	0	841	0.0	15.9	-15.9
9	765 kV	BANASKANTHA-CHITTOORGARH	2	1416	0	24.3	0.0	24.3
10	765 kV	VINDHYACHAL-VARANASI	2	48	1881	0.0	24.6	-24.6
11	400 kV	ZERDA-KANKROLI	1	355	0	6.0	0.0	6.0
12	400 kV	ZERDA-BHIMMAL	1	245	0	4.1	0.0	4.1
13	400 kV	VINDHYACHAL-RIHAND	1	970	0	21.6	0.0	21.6
14	400 kV	RAPP-SHUALPUR	2	195	24	0.4	0.0	0.4
15	400 kV	NEEMUCH-Chittoorgarh	2	625	114	8.0	0.1	7.9
16	220 kV	BHANPURA-RANPUR	1	0	116	0.0	2.3	-2.3
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	1.6	-1.6
18	220 kV	MEHGAON-AURAIYA	1	130	7	1.3	0.0	1.3
19	220 kV	MALANPUR-AURAIYA	1	101	19	1.2	0.0	1.2
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	85.1	138.2	-53.1
Import/Export of WR (With SR)								
1	HVDC	BHADRAWATI B/B	-	0	1007	0.0	24.0	-24.0
2	HVDC	RAGARH-PUGALUR	2	0	6016	0.0	107.4	-107.4
3	765 kV	SOLAPUR-RAICHUR	2	441	1353	0.7	11.6	-10.9
4	765 kV	WARDHA-NIZAMABAD	2	0	2866	0.0	46.4	-46.4
5	765 kV	WARORA-WARANGAL(NEW)	2	0	2704	0.0	45.5	-45.5
6	400 kV	KOLHAPUR-KUDGI	2	1366	0	19.9	0.0	19.9
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	102	2.3	0.0	2.3
					WR-SR	22.8	234.8	-212.0
INTERNATIONAL EXCHANGES								
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)	421	67	262	6.28		
	ER	400kV TALA-BINAGURI 1,2,4 & 400kV MALBASE - BINAGURI i.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)	-309	39	-124	-2.97		
	ER	220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) i.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)	-366	-235	-308	-7.39		
	NER	132kV GELEPHU-SALAKATI	4	-6	2	0.05		
	NER	132kV MOTANGA-RANGIA	19	-4	5	0.13		
NEPAL	NR	NEPAL IMPORT (FROM UP)	-69	0	-47	-1.12		
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)	-69	0	-43	-1.04		
	ER	NEPAL IMPORT (FROM BIHAR)	-294	-1	-161	-3.87		
BANGLADESH	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2	-590	8	-260	-6.23		
	ER	BHERAMARA B/B HVDC (B'DESH)	-923	-868	-907	-21.76		
	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RAHANPUR (B'DESH) D/C	-1368	-1001	-1235	-29.63		
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2	-84	0	-71	-1.70		

CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 21-Mar-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	5.10	0.00	0.00	0.05	0.00	0.00	5.54
Nepal	4.18	0.00	4.46	0.00	0.00	2.06	0.00	0.00	10.70
Bangladesh	22.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.62
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	26.80	0.39	9.56	0.00	0.00	2.11	0.00	0.00	38.86

Import by India(in MU)

Country	GNA (ISGA/PPA)	T-GNA							TOTAL
		BILATERAL TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05
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	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05

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	1.05	-0.39	-5.10	0.00	0.00	-0.05	0.00	0.00	-4.49
Nepal	-4.18	0.00	-4.46	0.00	0.00	-2.06	0.00	0.00	-10.70
Bangladesh	-22.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-22.62
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	-25.75	-0.39	-9.56	0.00	0.00	-2.11	0.00	0.00	-37.81

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+H)	(K) (+ve) Import, (-ve) Export
0:00	50.05	193160	5903	8985	240	12672	2185	163872	2146	183935	196003	-1059
0:15	49.90	193092	5905	9000	246	11242	2208	165729	2118	183846	196448	-1262
0:30	49.95	192693	5908	8904	256	10846	2203	165725	2080	183533	195922	-1288
0:45	49.95	191902	5895	8925	273	10350	2194	165572	2041	182704	195250	-1266
1:00	49.95	191297	5901	8879	262	9996	2308	165237	2092	182156	194675	-1287
1:15	49.95	190499	5909	8541	260	9263	2303	165216	2040	181698	193532	-1268
1:30	50.00	189528	5927	8284	247	9049	2269	164784	2115	180997	192675	-1292
1:45	49.95	188090	5907	7991	246	8209	2119	164597	2146	179853	191215	-1261
2:00	49.95	186857	5911	7746	251	8049	2232	164014	2060	178860	190263	-1260
2:15	49.85	186015	5923	7486	248	7991	2226	163383	2047	178281	189304	-1270
2:30	50.00	186246	5908	7310	239	8538	2218	163223	2061	178697	189497	-1269
2:45	50.00	185578	5944	7185	237	8698	2269	162511	2080	178156	188924	-1261
3:00	50.05	184955	5918	7117	236	8482	2286	162097	2080	177602	188216	-1270
3:15	49.95	184949	5943	7184	239	8672	2369	161806	2090	177526	188303	-1257
3:30	50.05	184966	5941	7249	246	8771	2166	161474	2082	177471	187929	-1243
3:45	50.05	184971	5966	7295	250	8744	2371	161759	2049	177426	188434	-1290
4:00	50.05	185620	5962	7322	255	8678	2289	162253	2087	178043	188846	-1018
4:15	50.00	187461	5946	7224	250	9026	2072	163652	2125	179987	190295	-1039
4:30	50.05	188350	5961	7044	244	9653	2078	164257	2052	181062	191289	-1032
4:45	50.05	189054	5957	6894	242	10161	2074	164561	2101	181918	191990	-1056
5:00	50.05	189947	5975	6740	240	10860	2073	164732	2134	182867	192754	-1061
5:15	49.95	192267	5972	6629	241	12056	2090	166312	2093	185397	195393	-1073
5:30	50.00	194324	5976	6556	240	13230	2065	167297	2122	187528	197486	-1097
5:45	49.95	195859	5970	6370	237	14595	2125	167355	2150	189252	198802	-1043
6:00	50.05	196678	6002	6159	251	15909	2256	166823	2166	190268	199566	-1181
6:15	50.00	198608	6003	6018	235	18310	2287	167039	2174	192355	202066	-1492
6:30	50.00	202909	6002	5834	415	21477	2295	168050	2185	196660	206258	-1520
6:45	50.00	204767	6012	5624	1006	22510	2304	168164	2185	198137	207805	-1539
7:00	50.00	205818	6044	5424	2290	22763	2289	167646	2219	198104	208675	-1535
7:15	49.90	206373	6037	5180	4402	22096	2286	166587	2167	196701	208065	-1483
7:30	50.00	207206	6043	4856	7686	21657	2398	165144	2159	194664	209943	-1451
7:45	49.95	207530	6044	4614	11520	20465	2385	162770	2148	191396	209946	-1546
8:00	49.95	207535	6067	4394	16089	19056	2272	159695	2104	190695	209777	-1751
8:15	49.90	209828	6057	4196	21220	16579	2293	159390	2278	184412	212013	-1961
8:30	49.99	211573	6023	4012	26357	14678	2275	158409	2281	1841204	214021	-2158
8:45	50.04	214106	6058	3793	31446	13370	2218	156904	2300	178867	216054	-2178
9:00	50.04	215069	6040	3704	39605	12190	2215	155151	2295	176283	216695	-2144
9:15	50.05	220032	6040	3704	39605	10450	2210	157304	2294	176723	221607	-2194
9:30	50.10	222081	6033	3831	43556	9927	2184	155951	2287	174694	223769	-2194
9:45	50.05	224391	6015	3821	47068	8365	2200	154920	2385	173502	223764	-2107
10:00	50.05	224166	5996	3686	50138	9116	2179	152268	2345	170342	223728	-2171
10:15	50.00	225058	6023	3666	52987	8126	2175	151624	2369	168406	226969	-2229
10:30	49.99	224946	6004	3616	54900	8115	2178	150035	2367	166430	227215	-2259
10:45	50.04	225638	6005	3649	57043	7995	2182	148403	2348	164946	227625	-2191
11:00	49.99	224668	5997	3676	57865	7747	2188	146803	2328	163127	226604	-2155
11:15	49.99	223698	6012	3601	58847	7664	2199	144933	2295	161250	225551	-1961
11:30	49.99	222917	5992	3924	59408	7813	2198	143894	2304	159585	225533	-2009
11:45	49.99	222333	5989	3343	60907	7765	2211	143231	2384	158083	225830	-2012
12:00	49.94	221185	5990	3343	60823	7771	2191	141999	2325	157019	224442	-2053
12:15	49.94	220030	6005	3357	62158	7719	2218	140099	2331	154515	223887	-2048
12:30	50.00	219491	5986	3295	62214	7770	2252	139182	2322	153982	223021	-2101
12:45	50.00	218008	6000	3201	62604	7896	2231	137156	2380	152203	221468	-2071
13:00	50.00	215662	6010	3177	61572	7993	2277	135277	2390	150913	218696	-2073
13:15	50.00	211586	5978	3244	60941	7448	2293	132356	2328	147401	214588	-2094
13:30	50.10	211347	5972	3196	60914	7359	2304	133055	2329	147237	215129	-2067
13:45	50.00	212494	5975	3174	60454	7381	2296	133884	2350	148866	215514	-1993
14:00	50.00	212566	5977	3333	59584	7679	2339	134609	2338	149649	215859	-2006
14:15	49.95	212971	6002	3600	57377	7769	2396	136931	2353	151994	216428	-1994
14:30	50.00	215503	5994	3765	56235	8019	2409	140394	2261	155503	219077	-2026
14:45	49.90	215951	6007	3982	54530	8203	2516	142279	2272	157439	219789	-2078
15:00	49.90	217407	5992	4264	52646	9082	2521	144327	2316	160497	221148	-2046
15:15	49.85	215567	6003	4331	49213	9036	2550	145850	2257	162023	219240	-2086
15:30	49.95	215641	5988	4397	45310	9010	2548	149818	2259	165934	219330	-2183
15:45	50.00	217407	6059	4596	43237	9637	2583	152307	2211	169574	220630	-2124
16:00	50.05	217011	6011	4696	39854	10436	2605	154812	2210	172461	220624	-2099
16:15	50.00	215532	6025	4923	35768	9927	2612	157433	2190	174841	218888	-2079
16:30	49.95	215722	6088	4968	32005	11009	2630	160808	2203	178749	219711	-2058
16:45	50.00	216503	6048	4903	28373	12328	2638	163390	2149	183227	219829	-2017
17:00	49.95	214168	6024	5039	23965	13445	2633	164479	2193	185164	217788	-1731
17:15	49.95	211732	6028	5156	19271	15644	2622	164118	2145	187305	214984	-1677
17:30	50.00	210144	6056	5405	14663	17457	2629	165431	2098	190076	213739	-1649
17:45	49.95	207967	6003	5376	10221	18337	2712	166256	2137	192370	211042	-1598
18:00	50.05	205184	6024	5451	6596	18385	2727	167178	2160	193137	208521	-1500
18:15	50.00	203408	6047	5658	3600	18555	2730	167153	2160	194150	205903	-956
18:30	50.00	205207	6044	5922	1787	19836	2779	169593	2177	197498	208138	-1055
18:45	49.95	208041	6050	6355	664	22352	2801	170236	2199	201022	210657	-1002
19:00	50.00	209324	6042	6485	398	23286	2830	171213	2198	202441	212452	-961
19:15	50.00	209144	6053	6681	352	22673	2824	170882	2174	202111	211639	-954
19:30	50.05	206263	6063	7131	318	20850	2828	170514	2205	198814	209909	-949
19:45	50.03	206085	6055	7729	315	19120	2817	170250	2207	198041	208493	-928
20:00	50.03	202976	6065	8016	317	18006	2744	168619	2182	194643	205949	-973
20:15	50.03	200901	6061	8459	340	17162	2569	166973	2220	192102	203784	-1019
20:30	50.03	199956	6042	9143	339	15751	2497	166809	2145	190474	202726	-1149
20:45	50.03	198980	6077	9683	371	14566	2441	166453	2174	188926	201765	-1122
21:00	50.08	196594	6087	10348	384	13419	2466	164992	2196	185862	199892	-1131
21:15	50.03	195916	6076	10789	376	12428	2445	164863	2152	184751	199129	-1081
21:30	49.98	195793	6079	11172	325	12466	2422	164201	2139	184296	198804	-1066
21:45	49.98	196414	6047	11510	308	12699	2423	164090	2125	184596	199202	-1063
22:00	50.03	194927	6046	11678	358	12495	2433	163025	2114	182891	198149	-1056
22:15	49.93	197237	6015	11523	309	12828	2491	165014	2145	185405	200325	-1102
22:30	49.98	196959	6042	11372	305	12642	2482	165431	2166			