



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: 07.11.2025

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, 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 06.11.2025.**

महोदय/Sir,

आईईजीसी-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 6-नवंबर-2025 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 06.11.2025, is available at the NLDC website.

धन्यवाद,  
Thanks

Report for previous day

Date of Reporting: 07-Nov-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)	51815	59420	49335	23537	2963	187070
Peak Shortage (MW)	0	0	0	0	0	0
Energy Met (MU)	1108	1305	1093	484	55	4045
Hydro Gen (MU)	149	56	179	54	21	460
Wind Gen (MU)	13	34	49	-	-	96
Solar Gen (MU)*	163.14	144.82	104.21	3.28	0.72	416
Energy Shortage (MU)	0.00	0.00	0.00	0.00	0.00	0.00
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	56753	62217	50142	24339	3214	196009
Time Of Maximum Demand Met	18:21	18:31	18:26	18:03	17:27	18:28

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	0.07	0.52	4.24	4.83	84.13	11.04

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	7152	0	140.2	61.8	-0.9	282	0.00
	Haryana	7672	0	152.1	127.9	-1.7	332	0.00
	Rajasthan	13662	0	271.6	68.4	-3.8	507	0.00
	Delhi	4040	0	78.3	77.0	-0.6	279	0.00
	UP	17561	0	327.0	108.1	-2.3	522	0.00
	Uttarakhand	2127	0	40.1	27.8	-0.2	94	0.00
	HP	1966	0	34.5	19.4	0.0	311	0.00
	J&K(UT) & Ladakh(UT)	2796	0	56.2	47.5	-0.2	129	0.00
	Chandigarh	203	0	3.6	3.6	0.0	15	0.00
WR	Railways NR ISTS	200	0	4.3	3.9	0.4	30	0.00
	Chhattisgarh	4726	0	98.1	37.3	1.1	350	0.00
	Gujarat	18736	0	373.4	223.8	-1.6	860	0.00
	MP	12051	0	231.9	149.1	0.0	430	0.00
	Maharashtra	25439	0	520.2	177.4	-3.0	592	0.00
	Goa	721	0	14.7	12.3	2.0	53	0.00
	DNHDDPDCL	1344	0	30.6	30.6	0.0	73	0.00
	AMNSIL	797	0	17.3	10.2	0.2	244	0.00
	BALCO	536	0	12.8	12.9	-0.1	5	0.00
SR	RIL JAMNAGAR	257	0	5.9	5.9	0.0	0	0.00
	Andhra Pradesh	9294	0	204.5	69.6	0.1	436	0.00
	Telangana	9078	0	183.4	58.8	-1.7	476	0.00
	Karnataka	13535	0	258.0	95.5	-0.1	557	0.00
	Kerala	4549	0	85.8	54.5	-1.0	183	0.00
	Tamil Nadu	17117	0	351.5	199.6	-2.8	1223	0.00
	Puducherry	429	0	9.7	9.4	-0.3	28	0.00
ER	Bihar	5336	0	102.4	88.6	-3.6	93	0.00
	DVC	3054	0	64.5	-25.9	-0.3	286	0.00
	Jharkhand	2123	0	38.7	27.6	-0.9	279	0.00
	Odisha	5306	0	104.3	28.2	-2.0	490	0.00
	West Bengal	8936	0	172.4	55.5	-1.9	316	0.00
	Sikkim	88	0	1.3	1.4	-0.1	6	0.00
	Railways ER ISTS	10	0	0.1	0.2	-0.1	0	0.00
NER	Arunachal Pradesh	162	0	2.7	2.8	-0.3	95	0.00
	Assam	1879	0	35.1	27.8	0.5	1294	0.00
	Manipur	228	0	3.1	3.0	0.1	139	0.00
	Meghalaya	309	0	5.5	3.3	-0.1	211	0.00
	Mizoram	139	0	2.1	1.0	-0.3	58	0.00
	Nagaland	173	0	2.7	2.3	0.0	137	0.00
	Tripura	287	0	4.2	4.1	-0.2	176	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	20.1	19.1	-25.0	-30.2
Day Peak (MW)	951.9	964.4	-1068.2	-1426.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	167.0	-181.7	156.8	-151.1	8.9	0.0
Actual(MU)	178.9	-171.4	155.1	-182.0	7.5	-12.0
O/D/U/D(MU)	11.9	10.3	-1.8	-30.9	-1.5	-12.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	7652	11707	6928	2460	573	29320	41
State Sector	11349	18487	10058	2287	205	42385	59
Total	19001	30194	16986	4747	778	71705	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	601	1251	584	672	11	3118	71
Lignite	30	10	37	0	0	76	2
Hydro	149	56	179	54	21	460	10
Nuclear	37	53	41	0	0	131	3
Gas, Naptha & Diesel	3	29	5	0	21	57	1
RES (Wind, Solar, Biomass & Others)	186	180	179	5	1	552	13
Total	1005	1578	1025	731	53	4393	100

Share of RES in total generation (%)	18.49	11.41	17.49	0.74	1.35	12.55
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	37.00	18.31	39.02	8.13	40.11	25.99

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.003
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	180342	9:40	0
Non-Solar hr	196009	18:28	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: 07-Nov-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	312	0.0	7.3	-7.3
2	HVDC	PUSAULI B/B	-	0	47	0.0	2.3	-2.3
3	765 kV	GAYA-VARANASI	2	287	1126	0.0	11.3	-11.3
4	765 kV	SASARAM-FATEHPUR	1	45	707	0.0	6.0	-6.0
5	765 kV	GAYA-BALIA	1	0	704	0.0	9.9	-9.9
6	400 kV	PUSAULI-VARANASI	1	3	85	0.0	1.3	-1.3
7	400 kV	PUSAULI -ALLAHABAD	1	0	102	0.0	1.1	-1.1
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	55	642	0.0	6.7	-6.7
9	400 kV	PATNA-BALIA	2	0	895	0.0	13.5	-13.5
10	400 kV	NAUBATPUR-BALIA	2	193	233	0.0	4.5	-4.5
11	400 kV	BIHARSHARIFF-BALIA	2	253	132	1.3	0.0	1.3
12	400 kV	MOTIHARI-GORAKHPUR	2	0	501	0.0	6.9	-6.9
13	400 kV	BIHARSARIEFF-SAHUPURI	2	140	413	0.0	3.8	-3.8
14	220 kV	SAHUPURI-KARAMNASA	1	34	5	0.0	1.2	-1.2
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						1.7	75.9	-74.2
Import/Export of ER (With WR)								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	846	1439	0.0	10.6	-10.6
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	606	554	2.0	0.0	2.0
3	765 kV	JHARSUGUDA-DURG	2	0	822	0.0	13.3	-13.3
4	400 kV	JHARSUGUDA-RAIGARH	4	327	387	0.0	0.7	-0.7
5	400 kV	RANCHI-SIPAT	2	187	276	0.0	0.9	-0.9
6	400 kV	JEYPORE-JAGDALPUR	2	420	213	1.7	0.0	1.7
7	220 kV	BUDHIPADAR-RAIGARH	1	61	130	0.0	1.3	-1.3
8	220 kV	BUDHIPADAR-KORBA	2	172	82	0.7	0.0	0.7
ER-WR						4.5	26.7	-22.2
Import/Export of ER (With SR)								
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	415	0.0	9.9	-9.9
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1617	0.0	30.9	-30.9
3	765 kV	ANGUL-SRIKAKULAM	2	0	3078	0.0	51.6	-51.6
4	400 kV	TALCHER-I/C	2	593	643	0.0	1.6	-1.6
5	220 kV	BALIMELA-UPPER-SILERRU	1	26	0	0.0	0.0	0.0
ER-SR						0.0	92.3	-92.3
Import/Export of ER (With NER)								
1	400 kV	BINAGURI-BONGAIGAON	2	0	528	0.0	9.1	-9.1
2	400 kV	ALIPURDUAR-BONGAIGAON	2	0	771	0.0	13.4	-13.4
3	220 kV	ALIPURDUAR-SALAKATI	2	0	159	0.0	3.0	-3.0
ER-NER						0.0	25.5	-25.5
Import/Export of NER (With NR)								
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	704	0.0	17.2	-17.2
NER-NR						0.0	17.2	-17.2
Import/Export of WR (With NR)								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	3014	0.0	47.7	-47.7
2	HVDC	VINDHYACHAL B/B	-	194	0	4.9	0.0	4.9
3	HVDC	MUNDRA-MOHINDERGARH	2	0	497	0.0	12.2	-12.2
4	765 kV	GWALIOR-AGRA	2	0	1165	0.0	16.1	-16.1
5	765 kV	GWALIOR-PHAGI	2	571	2039	1.9	26.0	-24.1
6	765 kV	JABALPUR-ORAI	2	67	870	0.0	21.5	-21.5
7	765 kV	GWALIOR-ORAI	1	948	0	12.8	0.0	12.8
8	765 kV	SATNA-ORAI	1	0	1063	0.0	17.6	-17.6
9	765 kV	BANASKANTHA-CHITORGARH	2	2694	205	37.4	0.1	37.3
10	765 kV	VINDHYACHAL-VARANASI	2	0	1736	0.0	26.6	-26.6
11	400 kV	ZERDA-KANKROLI	1	523	0	7.9	0.0	7.9
12	400 kV	ZERDA -BHINMAL	1	361	0	5.5	0.0	5.5
13	400 kV	VINDHYACHAL -RIHAND	1	0	1	0.0	0.0	0.0
14	400 kV	RAPP-SHUJALPUR	2	627	117	4.3	0.6	3.7
15	400 kV	NEEMUCH-Chittorgarh	2	540	237	3.5	1.9	1.6
16	220 kV	BHANPURA-RANPUR	1	0	110	0.0	1.8	-1.8
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	1.1	-1.1
18	220 kV	MEHGAON-AURAIYA	1	86	8	0.5	0.0	0.5
19	220 kV	MALANPUR-AURAIYA	1	64	12	0.2	0.0	0.2
20	132 kV	RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
WR-NR						78.8	173.2	-94.4
Import/Export of WR (With SR)								
1	HVDC	BHADRAWATI B/B	-	0	976	0.0	13.5	-13.5
2	HVDC	RAIGARH-PUGALUR	2	0	3002	0.0	40.0	-40.0
3	765 kV	SOLAPUR-RAICHUR	2	968	1274	3.8	9.1	-5.3
4	765 kV	WARDHA-NIZAMABAD	2	0	2109	0.0	26.4	-26.4
5	765 kV	WARORA-WARANGAL(NEW)	2	0	2417	0.0	35.0	-35.0
6	400 kV	KOLHAPUR-KUDGI	2	1232	0	19.2	0.0	19.2
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	121	2.2	0.0	2.2
WR-SR						25.1	124.0	-98.9
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)	414	332	381	9.15		
	ER	400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) i.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)	598	391	526	12.63		
	ER	220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) i.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)	-93	2	-44	-1.05		
	NER	132kV GELEPHU-SALAKATI	-47	0	-33	-0.80		
	NER	132kV MOTANGA-RANGIA	53	0	7	0.17		
NEPAL	NR	NEPAL IMPORT (FROM UP)	0	0	0	0.00		
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)	69	0	65	1.56		
	ER	NEPAL IMPORT (FROM BIHAR)	0	0	0	0.00		
	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2	852	702	730	17.52		
BANGLADESH	ER	BHERAMARA B/B HVDC (B'DESH)	-966	-959	-966	-23.45		
	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RAHANPUR (B'DESH) D/C	-1426	-998	-1258	-30.19		
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2	-76	0	-63	-1.50		

CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 07-Nov-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	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.33
Nepal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bangladesh	24.12	0.17	0.00	0.00	0.00	0.00	0.00	0.00	24.29
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	24.12	0.50	0.00	0.00	0.00	0.00	0.00	0.00	24.62

Import by India(in MU)

Country	GNA (ISGA/PPA)	T-GNA							TOTAL
		BILATERAL TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	9.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.52
Nepal	0.76	0.16	12.69	0.00	0.00	3.81	0.00	0.00	17.42
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	10.28	0.16	12.69	0.00	0.00	3.81	0.00	0.00	26.94

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	9.52	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	9.19	
Nepal	0.76	0.16	12.69	0.00	0.00	0.00	3.81	0.00	0.00	17.42
Bangladesh	-24.12	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-24.29
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	-13.84	-0.34	12.69	0.00	0.00	0.00	3.81	0.00	0.00	2.32

Date of Reporting: 07-Nov-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+H)	(K)
0:00	50.04	156234	4847	5740	0	15523	2207	126490	1999	150494	156806	780
0:15	50.04	154749	4843	5911	0	13846	2218	127000	1944	148838	155762	798
0:30	50.09	153702	4848	6001	0	13723	2197	125863	1899	147701	154531	834
0:45	49.99	152892	4835	6234	0	13992	2204	124510	1902	146658	153677	840
1:00	50.04	151445	4835	6069	0	13834	2222	123214	1938	145376	152112	846
1:15	50.04	150303	4839	6048	0	13652	2214	122201	1929	144255	150883	853
1:30	50.04	149480	4858	6184	0	13328	2214	121459	1946	143296	149989	858
1:45	49.99	148443	4842	6252	0	13316	2217	120624	1918	142191	149169	841
2:00	50.04	147535	4845	6183	0	13335	2203	119684	1927	141352	148177	844
2:15	49.99	146885	4843	6270	0	12890	2229	119380	1982	140615	147594	848
2:30	49.99	146291	4861	6123	0	12810	2231	118977	1937	140168	146939	842
2:45	49.99	145987	4852	6265	0	12750	2228	118461	1958	139722	146514	888
3:00	49.99	145382	4854	6315	0	12522	2223	117964	1936	139067	145814	881
3:15	49.99	145411	4856	6238	0	12660	2224	118044	1963	139173	145985	860
3:30	49.99	145395	4856	6121	0	13066	2229	117490	1985	139274	145747	862
3:45	49.99	145292	4851	5955	0	13556	2221	116963	1983	139337	145529	860
4:00	50.04	145501	4844	5890	0	13696	2221	117055	1956	139611	145662	853
4:15	49.99	146240	4842	5735	0	13933	2232	117936	1957	140505	146635	859
4:30	49.99	147595	4854	5640	0	14003	2235	119352	2002	141955	148086	834
4:45	49.99	149371	4861	5354	0	14256	2218	121087	1957	144017	149733	833
5:00	50.04	151343	4862	5220	-15	14565	2220	123172	1928	146138	151952	766
5:15	49.99	154634	4858	5158	-19	15028	2242	126213	2007	149495	155487	716
5:30	50.04	157433	4846	5072	2	15474	2236	129005	2037	152359	158672	667
5:45	50.04	161088	4849	4935	63	16982	2235	131497	2023	156090	162584	692
6:00	50.09	163847	4852	4697	61	19228	2235	132426	2022	159089	165521	640
6:15	49.94	166590	4849	4471	141	21268	2234	133494	1986	161978	168443	614
6:30	49.89	169914	4855	4374	247	22445	2226	135742	1922	165293	171811	641
6:45	49.84	172965	4849	4379	640	22867	2256	138069	2004	167946	175064	688
7:00	49.99	175307	4863	4373	1839	23533	2233	138724	2001	169095	177566	748
7:15	49.99	177218	4858	4207	4280	23625	2229	138264	1958	168731	179421	740
7:30	50.04	177512	4860	4073	7858	23518	2194	135485	1978	165581	179966	737
7:45	50.09	176782	4862	3941	12440	21492	2221	131793	2022	160401	178771	791
8:00	50.09	175215	4855	3755	17645	20103	2182	126190	2088	153815	176818	715
8:15	50.04	176389	4874	3585	23169	18140	2200	123380	2078	149635	177426	741
8:30	50.04	177182	4879	3588	28883	16904	2225	118993	2068	144711	177540	724
8:45	50.09	177864	4866	3458	35014	16328	2225	114192	2120	139392	178203	745
9:00	50.09	178299	4854	3290	40094	15297	2202	110558	2203	134915	178498	781
9:15	49.99	179594	4849	3061	44837	13928	2242	109016	2152	131696	180085	763
9:30	49.99	179427	4839	2849	47556	13196	2173	107237	2160	129022	180010	759
9:45	49.94	180035	4834	2682	49911	13119	2236	105583	2249	127442	180614	775
10:00	49.99	179660	4815	2591	51988	12604	2178	103595	2205	125081	179976	781
10:15	49.94	179207	4823	2463	53467	12317	2188	101983	2217	123277	179458	661
10:30	49.99	179135	4812	2343	54519	12696	2163	100745	2207	122273	179485	689
10:45	50.04	179100	4839	2221	55670	12281	2236	100009	2233	121209	179489	724
11:00	50.04	177938	4839	2131	56082	12264	2217	98525	2228	119725	178286	722
11:15	49.99	176611	4842	2226	54930	11542	2230	99107	2269	119455	177146	694
11:30	50.04	175724	4823	2065	54451	11778	2167	98585	2213	119208	176082	690
11:45	49.99	174968	4834	2159	53902	11701	2175	98442	2208	118907	175421	710
12:00	50.04	173952	4842	1988	53270	11526	2151	97933	2295	118694	174005	722
12:15	49.99	172703	4819	1886	52561	11138	2170	98105	2256	118256	172935	728
12:30	49.99	172709	4828	2001	52555	11112	2225	98124	2228	118153	173073	693
12:45	49.99	172066	4840	2036	52709	10687	2222	97707	2206	117321	172407	686
13:00	50.04	170078	4834	2017	50871	10997	2169	97286	2245	117190	170419	673
13:15	0.00	167497	4843	2053	49770	10893	2222	97720	2213	115674	169714	652
13:30	49.94	167187	4837	2000	47142	11067	2182	97932	2185	118045	167345	641
13:45	49.94	168958	4815	2015	47947	11188	2224	98917	2188	118996	169294	637
14:00	49.99	169475	4828	1997	48701	11098	2236	98433	2193	118777	169486	655
14:15	49.89	170294	4816	1972	48232	11410	2277	99364	2201	120090	170272	636
14:30	49.89	171859	4804	2021	49300	11757	2286	99207	2239	120538	171614	628
14:45	49.89	174012	4818	2249	50068	12144	2301	99799	2148	121695	173527	658
15:00	50.04	175249	4799	2423	49066	12922	2440	101257	2177	123760	175084	641
15:15	49.99	174787	4817	2629	46105	13459	2495	103104	2149	126053	174758	642
15:30	50.04	176818	4804	2663	42563	13809	2519	108432	2114	131592	176904	608
15:45	49.99	176908	4823	2692	38706	14178	2517	111928	2100	135510	176944	593
16:00	50.04	176973	4832	2621	34068	14611	2555	116602	2141	140284	177430	569
16:15	49.99	176359	4840	2535	28668	15872	2571	120538	2136	145156	177160	547
16:30	50.04	178409	4825	2449	23346	16849	2668	127583	2097	152614	179817	561
16:45	49.99	178060	4829	2438	16910	18200	2622	132633	2083	158712	179715	563
17:00	49.99	179715	4829	2453	11705	19661	2591	138559	1951	165557	181749	561
17:15	49.89	181839	4823	2528	7297	21285	2721	143696	1939	172014	184289	509
17:30	49.99	185508	4824	2629	3573	23388	3049	148796	1974	179306	188233	432
17:45	49.74	190776	4805	2849	1395	26737	3316	152302	1950	186532	193354	489
18:00	50.04	194087	4824	3057	478	29038	3369	154287	1945	190552	196998	544
18:15	49.94	195405	4837	3277	314	30373	3359	154262	1962	191814	198384	615
18:30	49.99	195530	4833	3542	286	30950	3239	153962	1979	191702	198791	593
18:45	50.04	194183	4838	3751	219	31240	3010	152363	1977	190213	197398	636
19:00	50.04	191284	4849	4000	220	29970	2796	150794	1942	187064	194571	563
19:15	50.04	188580	4841	4249	139	29425	2703	148511	1974	184192	191842	548
19:30	50.04	186636	4851	4470	0	28462	2557	146968	1949	182166	189257	561
19:45	50.04	183669	4845	4635	0	27570	2426	144501	1953	179034	185930	539
20:00	50.09	180188	4864	4675	0	25945	2277	142442	1957	175513	182160	569
20:15	50.04	177824	4850	4697	0	24516	2174	141294	1969	173127	179500	605
20:30	50.04	175781	4865	4678	0	24132	2192	139902	1921	171103	177690	607
20:45	49.99	173786	4859	4675	0	23494	2226	138194	1943	169111	175391	605
21:00	49.99	171706	4856	4655	0	22805	2209	137004	1956	167051	173485	656
21:15	49.99	169595	4866	4588	0	21137	2201	136502	1943	165007	171237	632
21:30	49.99	167846	4864	4406	0	20556	2209	135567	1947	163440	169549	645
21:45	49.99	166921	4854	4272	0	20679	2214	134254	1962	162649	168235	663
22:00	50.04	165002	4871	4183	0	20232	2200	132698	2000	160819	166184	693
22:15	49.99	164946	4874	4005	0	19716	2208	133070	1968	160941	165841	673
22:30	49.99	163749	4860	3974	0	19636	2213	132147	2016	159775	164846	638
22:45	49.94	162661	4864	4104								