



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: 08.11.2025

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 07.11.2025.

महोदय/Sir,

आई०ई०जी०सी०-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 7-नवंबर-2025 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्र०के० 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 07.11.2025, is available at the NLDC website.

धन्यवाद,
Thanks

Report for previous day

Date of Reporting: 08-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)	53100	59406	49330	23017	2962	187815
Peak Shortage (MW)	0	0	0	0	0	0
Energy Met (MU)	1113	1309	1110	482	56	4070
Hydro Gen (MU)	143	57	186	51	20	458
Wind Gen (MU)	12	43	19	-	-	74
Solar Gen (MU)*	170.65	152.38	121.66	3.38	1.02	449
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)	56307	62718	51193	23812	3287	195368
Time Of Maximum Demand Met	18:14	18:28	10:55	17:55	17:30	18:26

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	0.00	0.00	3.04	3.04	80.33	16.63

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	7426	0	144.4	66.0	-1.2	321	0.00
	Haryana	7637	0	152.4	126.6	-0.1	171	0.00
	Rajasthan	14253	0	277.3	71.6	-1.0	612	0.00
	Delhi	3992	0	77.1	75.8	-0.8	262	0.00
	UP	16896	0	320.4	100.6	-2.4	300	0.00
	Uttarakhand	2146	0	40.0	28.8	-0.2	110	0.00
	HP	2000	0	35.4	20.1	0.1	312	0.00
	J&K(UT) & Ladakh(UT)	2812	0	58.2	49.3	0.0	197	0.00
WR	Chandigarh	203	0	3.6	3.6	0.1	19	0.00
	Railways NR ISTS	203	0	4.3	3.9	0.3	34	0.00
	Chhattisgarh	4805	0	97.4	37.2	-0.8	741	0.00
	Gujarat	18648	0	377.3	219.7	-3.1	1532	0.00
	MP	12776	0	238.3	154.4	0.0	245	0.00
	Maharashtra	25284	0	513.3	175.8	-4.6	567	0.00
	Goa	753	0	14.9	12.3	2.2	47	0.00
	DNHDDPDCL	1331	0	30.6	30.7	-0.1	47	0.00
SR	AMNSIL	847	0	18.3	11.7	-0.1	275	0.00
	BALCO	536	0	12.8	12.9	-0.1	2	0.00
	RIL JAMNAGAR	257	0	5.9	6.0	-0.1	0	0.00
	Andhra Pradesh	9140	0	204.4	76.8	-1.3	513	0.00
	Telangana	9591	0	186.9	58.9	-1.8	482	0.00
	Karnataka	14119	0	265.2	103.5	0.5	555	0.00
	Kerala	4454	0	85.4	54.7	-0.2	430	0.00
	Tamil Nadu	17369	0	358.6	209.3	1.4	1198	0.00
ER	Puducherry	425	0	9.6	9.1	-0.1	52	0.00
	Bihar	5173	0	99.9	83.2	-0.1	631	0.00
	DVC	3054	0	64.4	-25.0	-0.7	241	0.00
	Jharkhand	2084	0	38.8	26.6	0.3	477	0.00
	Odisha	5002	0	102.4	24.7	-2.1	494	0.00
	West Bengal	8822	0	175.3	53.2	-2.6	434	0.00
	Sikkim	88	0	1.3	1.4	0.0	15	0.00
	Railways ER ISTS	14	0	0.2	0.2	0.0	0	0.00
NER	Arunachal Pradesh	163	0	2.8	2.8	-0.2	59	0.00
	Assam	1901	0	35.0	27.4	0.3	176	0.00
	Manipur	233	0	3.2	3.1	0.1	31	0.00
	Meghalaya	310	0	5.4	3.8	-0.3	34	0.00
	Mizoram	140	0	2.1	0.9	-0.2	7	0.00
	Nagaland	166	0	2.7	2.3	0.0	14	0.00
	Tripura	296	0	4.4	4.1	0.0	47	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	15.7	18.0	-24.7	-28.0
Day Peak (MW)	795.1	905.0	-1066.8	-1261.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	171.6	-187.3	163.4	-156.8	9.2	0.0
Actual(MU)	184.6	-184.2	162.9	-180.0	8.1	-8.6
O/D/U/D(MU)	26.8	3.1	-0.5	-23.2	-1.1	5.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	7652	11945	6078	3620	598	29894	41
State Sector	11884	18347	10058	2287	205	42780	59
Total	19536	30292	16136	5907	803	72674	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	602	1241	589	672	11	3114	71
Lignite	27	11	48	0	0	85	2
Hydro	143	57	186	51	20	458	10
Nuclear	37	53	41	0	0	131	3
Gas, Naptha & Diesel	4	32	5	0	21	62	1
RES (Wind, Solar, Biomass & Others)	193	199	166	6	1	565	13
Total	1006	1593	1034	728	53	4415	100

Share of RES in total generation (%)	19.22	12.49	16.05	0.76	1.91	12.79
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	37.10	19.39	38.01	7.81	40.01	26.12

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.009
Based on State Max Demands	1.051

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	183638	9:59	0
Non-Solar hr	195368	18:26	0

**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: 08-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	348	0.0	7.6	-7.6
2	HVDC	PUSAULI-B/B	-	0	47	0.0	2.5	-2.5
3	765 kV	GAYA-VARANASI	2	223	1193	0.0	13.0	-13.0
4	765 kV	SASARAM-FATEHPUR	1	0	690	0.0	8.0	-8.0
5	765 kV	GAYA-BALIA	1	0	641	0.0	10.2	-10.2
6	400 kV	PUSAULI-VARANASI	1	0	77	0.0	1.1	-1.1
7	400 kV	PUSAULI-ALLAHABAD	1	0	99	0.0	1.3	-1.3
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	69	644	0.0	7.7	-7.7
9	400 kV	PATNA-BALIA	2	0	944	0.0	13.2	-13.2
10	400 kV	NAUBATPUR-BALIA	2	209	373	0.0	4.4	-4.4
11	400 kV	BIBHARSHARIFF-BALIA	2	276	185	0.9	0.0	0.9
12	400 kV	MOTHARIFF-GORAKHPUR	2	0	524	0.0	7.4	-7.4
13	400 kV	BIBHARSARIEF-SAHUPURI	2	127	449	0.0	4.4	-4.4
14	220 kV	SAHIPURE-KARAMNASSA	1	54	25	0.0	1.5	-1.5
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	1.3	82.1	-80.8
Import/Export of ER (With WR)								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	649	1319	0.0	9.6	-9.6
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	670	362	2.6	0.0	2.6
3	765 kV	JHARSUGUDA-DURG	2	0	1094	0.0	12.2	-12.2
4	400 kV	JHARSUGUDA-RAIGARH	4	229	288	0.0	1.6	-1.6
5	400 kV	RANCHI-SIPAT	2	245	190	0.1	0.0	0.1
6	400 kV	JEYPORE-JAGDALPUR	2	307	170	1.2	0.0	1.2
7	220 kV	BUDHIPADAR-RAIGARH	1	48	123	0.0	1.4	-1.4
8	220 kV	BUDHIPADAR-KORBA	2	194	76	0.8	0.0	0.8
					ER-WR	4.7	24.8	-20.2
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	1618	0.0	38.1	-38.1
3	765 kV	ANGUL-SRIKAKULAM	2	0	2862	0.0	48.2	-48.2
4	400 kV	TALCHER-I/C	2	611	912	0.0	0.9	-0.9
5	220 kV	BALIMELA-UPPER-SHERRU	1	27	0	0.4	0.0	0.4
					ER-SR	0.4	96.2	-95.9
Import/Export of ER (With NER)								
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	704	0.0	13.7	-13.7
					NER-NR	0.0	13.7	-13.7
Import/Export of WR (With NR)								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	996	0.0	24.1	-24.1
2	HVDC	VINDHYACHAL B/B	-	194	0	4.9	0.0	4.9
3	HVDC	MUNDRA-MOHINDERGARH	2	0	496	0.0	7.8	-7.8
4	765 kV	GWALIOR-AGRA	2	0	1290	0.0	20.0	-20.0
5	765 kV	GWALIOR-PHAGI	2	477	2277	1.3	29.9	-28.6
6	765 kV	JABALPUR-ORAI	2	24	871	0.0	26.4	-26.4
7	765 kV	GWALIOR-ORAI	1	871	0	13.0	0.0	13.0
8	765 kV	SATNA-ORAI	1	0	1057	0.0	18.6	-18.6
9	765 kV	BANASKANTHA-CHITORGARH	2	2355	587	39.9	1.2	29.6
10	765 kV	VINDHYACHAL-YARANASI	2	0	1689	0.0	28.0	-28.0
11	400 kV	ZERDA-KANKROLI	1	477	11	6.7	0.0	6.7
12	400 kV	ZERDA-BHINMAL	1	329	8	4.6	0.0	4.6
13	400 kV	VINDHYACHAL-RIHAND	1	0	1	0.0	0.0	0.0
14	400 kV	RAPP-SHUJALPUR	2	601	232	3.7	1.4	2.3
15	400 kV	NEEMUCH-Chittorgarh	2	517	351	3.2	3.0	0.2
16	220 kV	BHANPURA-RANPUR	1	0	103	0.0	1.9	-1.9
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	1.0	-1.0
18	220 kV	MEHGHAON-AURAIYA	1	88	8	0.4	0.0	0.4
19	220 kV	MALANPUR-AURAIYA	1	69	17	0.1	0.0	0.1
20	132 kV	RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
					WR-NR	68.6	163.3	-94.7
Import/Export of WR (With SR)								
1	HVDC	BHADRASWATI B/B	-	0	991	0.0	21.5	-21.5
2	HVDC	RAIGARH-PUGALUR	2	0	4007	0.0	59.0	-59.0
3	765 kV	SOLAPUR-RAICHUR	2	1088	1463	3.8	6.4	-2.6
4	765 kV	WARDHA-NIZAMABAD	2	0	1426	0.0	17.6	-17.6
5	765 kV	WARORA-WARANGAL(NEW)	2	0	2418	0.0	30.4	-30.4
6	400 kV	KOLHAPUR-KUDGI	2	1216	0	19.4	0.0	19.4
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	116	2.2	0.0	2.2
					WR-SR	25.4	134.9	-109.4
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)			362	170	313	7.51
		400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) i.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)			516	374	448	10.75
	ER	220kV CHUKHA-BIRPURA 1&2 (& 220kV MALBASE - BIRPARA) i.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)			-112	-20	-72	-1.73
	NER	132kV GELEPHU-SALAKATI			-55	0	-38	-0.90
	NER	132kV MOTANGA-RANGIA			53	0	4	0.09
NEPAL	NR	NEPAL IMPORT (FROM UP)			0	0	0	0.00
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)			0	0	0	1.54
	ER	NEPAL IMPORT (FROM BIHAR)			0	0	0	0.00
	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2			830	690	814	19.53
BANGLADESH	ER	BHERAMARA B/B HVDC (B'DESH)			-989	0	-968	-23.24
	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RAHANPUR (B'DESH) D/C			-1261	-959	-1165	-27.96
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2			-78	0	-62	-1.49

CROSS BORDER EXCHANGE SCHEDEULE

Date of Reporting: 08-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	24.32	0.17	0.00	0.00	0.00	0.00	0.00	0.00	24.49	
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Export	24.32	0.50	0.00	0.00	0.00	0.00	0.00	0.00	24.82	

Import by India(in MU)

Country	GNA (ISGA/PPA)	T-GNA							TOTAL	
		BILATERAL TOTAL	COLLECTIVE							
			IDAM			RTM				
			IEX	PXIL	HPX	IEX	PXIL	HPX		
Bhutan	6.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.54	
Nepal	0.76	0.16	12.69	0.00	0.00	3.88	0.00	0.00	17.49	
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	7.30	0.16	12.69	0.00	0.00	3.88	0.00	0.00	24.03	

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	6.54	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	6.21	
Nepal	0.76	0.16	12.69	0.00	0.00	3.88	0.00	0.00	17.49	
Bangladesh	-24.32	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	-24.49	
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Net	-17.02	-0.34	12.69	0.00	0.00	3.88	0.00	0.00	-0.79	

TIME	FREQUENCY (Hz)	15 Min (INSTANTANEOUS) ALL INDIA GRID FREQUENCY, GENERATION & DEMAND MET (SCADA DATA)										
		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	49.99	155155	4862	3550	0	15516	2240	127466	2012	151605	155646	573
0:15	49.99	154121	4872	3507	0	15075	2198	126733	2025	150614	154410	615
0:30	49.99	153071	4872	3584	0	15387	2258	125298	2008	149487	153407	617
0:45	49.94	152166	4868	3564	0	15233	2295	124469	2002	148602	152431	638
1:00	49.94	151141	4874	3534	0	15293	2223	123348	2004	147607	151276	638
1:15	49.94	149435	4872	3384	0	14959	2177	122224	1975	146051	149591	599
1:30	49.94	148315	4885	3294	0	14722	2235	121334	2021	145021	148491	612
1:45	49.94	147792	4880	3230	0	14623	2176	120971	1973	144562	147853	618
2:00	49.99	147032	4882	3251	0	14436	2183	120339	2018	143781	147109	605
2:15	49.99	146235	4877	3195	0	13962	2181	120030	1980	143040	146225	645
2:30	49.94	145993	4886	3104	0	14002	2179	119737	2016	142889	145924	622
2:45	49.89	145600	4874	2977	0	14029	2180	119569	2002	142623	145631	649
3:00	49.99	144924	4873	2993	0	14208	2243	118641	1996	141931	144954	611
3:15	49.94	144558	4872	2973	0	14271	2176	118355	1987	141595	144634	634
3:30	49.99	144853	4881	2913	0	14613	2236	118197	1976	141940	144816	643
3:45	49.99	144655	4884	2911	0	14409	2240	118246	2009	141744	144699	617
4:00	50.04	144388	4871	2880	0	14653	2233	117953	2013	141508	144603	633
4:15	49.94	146035	4887	2918	0	14963	2225	119090	1994	143117	146077	618
4:30	49.99	147188	4883	2890	0	15114	2244	120226	1984	144298	147341	605
4:45	49.99	148596	4885	2877	0	15306	2179	121326	2081	145719	148654	586
5:00	49.99	151096	4882	3031	12	15518	2174	123648	2034	148053	151299	584
5:15	49.89	154748	4889	3104	13	16019	2186	126971	2020	151631	155202	586
5:30	49.99	158602	4873	3309	12	16389	2180	130440	2065	155281	159268	571
5:45	50.04	162154	4881	3326	13	18705	2172	132083	2012	158825	163192	556
6:00	50.09	164647	4888	3363	4	20840	2170	132996	2030	161280	166291	517
6:15	49.94	168531	4887	3388	70	22360	2183	135358	2035	165073	170281	490
6:30	49.94	172990	4889	3578	224	24564	2255	137602	2056	169188	175168	519
6:45	49.94	176706	4874	3776	795	24987	2184	140313	1985	172135	178914	506
7:00	50.04	178491	4887	4057	2019	25331	2175	140425	1999	172415	180893	509
7:15	49.99	180012	4882	4161	4385	24988	2248	139699	2051	171466	182414	564
7:30	50.04	180743	4886	4222	8246	24368	2171	136781	1995	186275	182669	607
7:45	50.09	180256	4889	4397	13320	21924	2245	133073	2077	162539	181925	634
8:00	50.14	178679	4903	4523	18954	19704	2165	127422	2070	155202	179741	558
8:15	49.94	180054	4897	4659	25110	18463	2244	123492	2141	150285	181006	533
8:30	50.04	180360	4887	4178	31203	17422	2179	118542	2175	144979	180586	543
8:45	50.04	179712	4883	3856	37019	15819	2178	114430	2143	138837	180328	556
9:00	50.09	179635	4884	3424	42131	14834	2226	110194	2256	134080	179949	535
9:15	49.99	182067	4891	2812	47278	14639	2183	108570	2212	131977	182585	534
9:30	49.94	182285	4877	2393	50391	13936	2191	106680	2209	129501	182677	517
9:45	49.83	183106	4864	2168	52538	13657	2218	105626	2227	128400	183298	555
10:00	49.94	183507	4861	2045	55051	13264	2253	104011	2300	126411	183785	543
10:15	50.04	183005	4875	2137	57826	12032	2234	101510	2308	123042	182922	561
10:30	50.09	183040	4871	2154	59893	11631	2288	99949	2317	120903	183193	565
10:45	50.09	183013	4874	2166	61100	11871	2275	95961	2367	119747	180614	532
11:00	50.24	182567	4871	2228	62031	11264	2259	97532	2286	183038	182471	511
11:15	50.19	180926	4888	2229	61880	10395	2253	96870	2249	116817	180764	532
11:30	50.14	180682	4866	2313	61842	10198	2218	96590	2245	116527	180272	520
11:45	50.09	179726	4865	2315	60704	10257	2196	96516	2272	116257	179125	452
12:00	50.09	177911	4852	2221	59119	10688	2212	96233	2284	116571	177609	426
12:15	49.94	177429	4856	2058	57961	10286	2369	97290	2283	117410	177103	429
12:30	49.93	176197	4828	1833	56122	10276	2306	98347	2271	118242	175983	423
12:45	49.88	174922	4853	1818	54548	10738	2303	98300	2270	118556	174830	442
13:00	50.03	173674	4857	1602	53981	10671	2310	97567	2255	118091	173243	416
13:15	49.98	170611	4871	1573	51974	9868	2263	97487	2259	117064	170295	457
13:30	49.98	171124	4855	1485	52120	9826	2276	97728	2302	117519	170592	439
13:45	49.94	171952	4854	1596	53716	9950	2286	96827	2257	116640	171486	423
14:00	50.09	172857	4850	1380	55394	9974	2270	96075	2241	116083	172184	406
14:15	50.04	173391	4843	1370	55295	10172	2316	96203	2258	116726	172457	409
14:30	50.04	175351	4829	1443	56042	10843	2455	96813	2275	117866	174700	349
14:45	49.98	176055	4819	1475	54180	11450	2661	98521	2260	120400	175366	383
15:00	50.03	174330	4826	1516	51719	11897	2649	102029	2196	124195	176832	386
15:15	49.93	176753	4860	1660	48315	12284	2641	104331	2296	126778	176387	386
15:30	49.93	177997	4841	1712	44724	12599	2642	108294	2232	131561	177044	386
15:45	49.99	178890	4842	1847	40473	12631	2645	113515	2146	136570	178099	422
16:00	50.04	179141	4841	1944	35224	13149	2621	118847	2152	141973	178778	416
16:15	49.94	178376	4857	2026	29680	14366	2632	122748	2119	146670	178428	433
16:30	49.94	180579	4838	2272	2823	15104	2636	130075	2105	154484	180853	433
16:45	49.99	181293	4922	2255	17751	17390	2667	134709	2086	161287	181780	409
17:00	50.09	181894	4915	2421	11987	20085	2914	138842	2098	167486	183262	322
17:15	49.99	183837	4937	2475	7260	21919	3317	143724	2024	174102	185656	261
17:30	50.03	181818	4926	2734	4220	24373	4068	148746	2078	181164	191145	259
17:45	50.04	191648	4941	2659	1509	27204	4710	151377	2038	187480	194438	321
18:00	50.04	194433	4935	2661	586	29191	4882	153051	2054	191186	197360	338
18:15	50.04	195233	4959	2921	387	30126	4997	152699	2041	191925	198130	381
18:30	50.04	194974	4965	3063	381	30275	4814	152293	2105	191530	197896	401
18:45	49.93	193542	4952	3252	169	30483	3591	152055	2051	190121	196553	412
19:00	50.04	191067	4970	3287	117	29741	3332	150250	2100	187663	193797	440
19:15	50.04	188036	4964	3441	117	28049	3024	148798	2073	184478	190826	416
19:30	49.98	185415	4950	3594	0	28010	2727	146445	2022	181821	187748	470
19:45	49.98	182810	4958	3585	0	28282	2527	143360	2026	179225	184738	456
20:00	50.03	179356	4967	3573	0	26380	2452	141449</td				