



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: 24.06.2025

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 23.06.2025.

महोदय/Sir,

आईईजीसी-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 23-जून-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 23.06.2025, is available at the NLDC website.

धन्यवाद,
Thanks

Report for previous day

Date of Reporting: 24-Jun-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)	78929	59193	48411	27770	3371	217674
Peak Shortage (MW)	0	0	0	15	0	15
Energy Met (MU)	1753	1373	1124	611	67	4928
Hydro Gen (MU)	406	44	121	91	33	696
Wind Gen (MU)	28	215	285	-	-	528
Solar Gen (MU)*	164.32	69.65	95.93	1.65	0.46	332
Energy Shortage (MU)	0.00	0.00	0.00	0.40	0.00	0.40
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	81186	59896	52403	28895	3560	217820
Time Of Maximum Demand Met	22:31	17:26	09:44	23:26	19:03	22:31

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	0.079	0.00	1.35	14.40	15.75	66.43	17.82

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	16623	0	338.9	208.4	-0.2	678	0.00
	Haryana	13499	0	272.0	207.9	-3.7	150	0.00
	Rajasthan	13223	0	298.7	132.0	-4.5	391	0.00
	Delhi	7459	0	148.6	132.7	-0.7	299	0.00
	UP	28288	0	537.4	259.5	1.9	534	0.00
	Uttarakhand	2496	0	52.8	33.3	0.5	223	0.00
	HP	1818	0	38.0	-0.6	-0.8	18	0.00
	J&K(UT) & Ladakh(UT)	2660	0	54.5	29.4	-0.4	153	0.00
	Chandigarh	392	0	7.7	7.7	0.0	63	0.00
	Railways NR ISTS	201	0	4.0	3.9	0.1	33	0.00
WR	Chhattisgarh	5261	0	118.6	61.9	-1.5	381	0.00
	Gujarat	18132	0	403.7	186.7	0.1	1144	0.00
	MP	10380	0	221.0	120.0	-1.5	369	0.00
	Maharashtra	24636	0	547.5	165.9	-3.0	574	0.00
	Goa	592	0	14.4	12.1	1.9	52	0.00
	DNHDDPDCL	1385	0	31.4	31.4	0.0	62	0.00
	AMNSIL	878	0	19.8	9.4	-0.1	220	0.00
	BALCO	533	0	11.3	12.7	-1.4	12	0.00
	RIL JAMNAGAR	251	0	5.7	5.7	0.0	0	0.00
	Andhra Pradesh	9611	0	209.6	31.2	-1.1	913	0.00
SR	Telangana	11477	0	228.6	128.9	0.1	748	0.00
	Karnataka	12218	0	226.2	43.5	-1.9	597	0.00
	Kerala	4089	0	78.5	36.6	-3.3	263	0.00
	Tamil Nadu	17786	0	370.5	139.2	-1.6	1573	0.00
	Puducherry	504	0	10.4	10.0	-0.1	51	0.00
	Bihar	7506	0	146.7	138.4	-1.5	364	0.01
ER	DVC	3135	0	69.0	-32.2	0.4	343	0.39
	Jharkhand	2074	0	42.0	33.3	-0.5	181	0.00
	Odisha	5870	0	123.8	51.4	-2.7	441	0.00
	West Bengal	10809	0	227.7	94.0	-2.4	239	0.00
	Sikkim	92	0	1.2	1.3	-0.1	28	0.00
	Railways ER ISTS	25	0	0.2	0.1	0.0	0	0.00
NER	Arunachal Pradesh	174	0	3.2	3.1	-0.3	40	0.00
	Assam	2327	0	43.8	37.9	0.1	153	0.00
	Manipur	211	0	3.2	3.1	0.1	23	0.00
	Meghalaya	339	0	5.6	-0.8	-0.1	13	0.00
	Mizoram	122	0	1.8	0.8	-0.3	15	0.00
	Nagaland	172	0	3.9	2.7	-0.1	30	0.00
	Tripura	330	0	6.1	5.3	0.0	50	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	51.5	15.7	-23.4	-28.3
Day Peak (MW)	2594.0	776.7	-988.0	-1442.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	437.4	-355.3	-13.4	-74.7	6.0	0.0
Actual(MU)	419.8	-348.7	-9.4	-85.4	5.5	-18.1
OD/UD(MU)	-17.6	6.7	4.0	-10.7	-0.5	-18.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3087	9258	7998	4640	445	25428	41
State Sector	8889	13400	11289	2349	199	36126	59
Total	11976	22658	19287	6989	644	61554	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	734	1439	523	666	11	3374	64
Lignite	26	11	45	0	0	82	2
Hydro	406	44	121	91	33	696	13
Nuclear	37	40	60	0	0	137	3
Gas, Naptha & Diesel	20	27	5	0	22	73	1
RES (Wind, Solar, Biomass & Others)	200	287	414	3	0	905	17
Total	1423	1848	1168	761	67	5266	100

Share of RES in total generation (%)	14.07	15.55	35.45	0.39	0.70	17.19
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	45.22	20.11	50.96	12.40	50.68	33.01

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.037
Based on State Max Demands	1.090

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	214313	14:53	0
Non-Solar hr	217820	22:31	20

Diversity factor = Sum of regional or state maximum demands / All India maximum demand

**Note: All generation MU figures are gross

***Godha (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: 24-Jun-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	405	0.0	8.0	-8.0
2	HVDC	PUSAULI-BB	-	0	47	0.0	2.5	-2.5
3	765 kV	GAYA-VARANASI	2	445	753	0.0	7.4	-7.4
4	765 kV	SASARAN-FATEHPUR	1	103	486	0.0	5.6	-5.6
5	765 kV	GAYA-BALIA	1	0	870	0.0	13.0	-13.0
6	400 kV	PUSAULI-VARANASI	1	0	102	0.0	1.3	-1.3
7	400 kV	PUSAULI-ALLAHABAD	1	6	86	0.0	1.0	-1.0
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	0	812	0.0	12.4	-12.4
9	400 kV	PATNA-BALIA	2	0	776	0.0	12.4	-12.4
10	400 kV	NAUBATPUR-BALIA	2	0	519	0.0	3.6	-3.6
11	400 kV	BIHARSHARIFF-BALIA	2	77	289	0.0	3.3	-3.3
12	400 kV	MOTIHARI-GORAKHPUR	2	0	477	0.0	7.0	-7.0
13	400 kV	BIHARSHARIFF-SAHUPURI	2	68	401	0.0	4.8	-4.8
14	220 kV	SAHUPURI-KARAMNESA	1	0	112	0.0	2.2	-2.2
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
						ER-NR	0.6	-83.9
Import/Export of ER (With WR)								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	584	807	0.0	0.1	-0.1
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1904	0	32.5	0.0	32.5
3	765 kV	JHARSUGUDA-DURG	2	73	462	0.0	4.6	-4.6
4	400 kV	JHARSUGUDA-RAIGARH	4	330	131	1.9	0.0	1.9
5	400 kV	RANCHI-SIPAT	2	419	49	4.2	0.0	4.2
6	400 kV	JEYPORE-JAGDALPUR	2	74	469	0.0	2.9	-2.9
7	220 kV	BUDHIPADAR-RAIGARH	1	48	63	0.0	0.2	-0.2
8	220 kV	BUDHIPADAR-KORBA	2	124	34	1.2	0.0	1.2
						ER-WR	39.8	32.1
Import/Export of ER (With SR)								
1	HVDC	JEYPORE-GAZUWAKA B/B	2	507	0	12.1	0.0	12.1
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1335	0.0	26.8	-26.8
3	765 kV	ANGUL-SRIKAKULAM	2	0	2824	0.0	38.4	-38.4
4	400 kV	TALCHER-I/C	2	571	542	3.9	0.0	3.9
5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
						ER-SR	12.1	-53.1
Import/Export of ER (With NER)								
1	400 kV	BINAGURI-BONGAIGAON	2	106	267	0.2	1.8	-1.6
2	400 kV	ALIPURDUAR-BONGAIGAON	2	0	538	0.0	8.2	-8.2
3	220 kV	ALIPURDUAR-SALAKATI	2	0	105	0.0	1.5	-1.5
						ER-NER	0.2	-11.3
Import/Export of NER (With NR)								
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	505	0.0	8.1	-8.1
						NER-NR	0.0	-8.1
Import/Export of WR (With NR)								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	2923	0.0	71.5	-71.5
2	HVDC	VINDHYACHAL-B/B	-	46	0	1.2	0.0	1.2
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1453	0.0	36.3	-36.3
4	765 kV	GWALIOR-AGRA	2	0	3205	0.0	51.6	-51.6
5	765 kV	GWALIOR-PHAGI	2	250	1947	0.4	30.2	-29.8
6	765 kV	JABALPUR-ORAI	2	0	1456	0.0	47.5	-47.5
7	765 kV	GWALIOR-ORAI	1	949	0	12.9	0.0	12.9
8	765 kV	SATNA-ORAI	1	0	1245	0.0	23.0	-23.0
9	765 kV	BANASKANTHA-CHITORGARH	2	958	1964	2.3	17.6	-15.3
10	765 kV	VINDHYACHAL-VARANASI	2	0	3827	0.0	64.9	-64.9
11	400 kV	ZERDA-KANKROLI	1	255	278	1.0	1.9	-0.9
12	400 kV	ZERDA-BHINMAL	1	177	144	0.7	0.6	0.1
13	400 kV	VINDHYACHAL-RIHAND	1	0	1	0.0	0.0	0.0
14	400 kV	RAPP-SHUJALPUR	2	259	689	0.8	7.9	-7.1
15	400 kV	NEEMUCH-Chittorgarh	2	338	690	1.1	7.1	-6.0
16	220 kV	BHANPURA-RANPUR	1	0	110	0.0	2.4	-2.4
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	1.8	-1.8
18	220 kV	MEHGAON-AURAIYA	1	9	32	0.0	0.1	-0.1
19	220 kV	MALANPUR-AURAIYA	1	58	0	0.1	0.7	-0.6
20	132 kV	RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
						WR-NR	20.5	-344.3
Import/Export of WR (With SR)								
1	HVDC	BHADRAWATI B/B	-	1003	0	22.4	0.0	22.4
2	HVDC	RAIGARH-PUGAUR	2	0	1303	0.0	23.3	-23.3
3	765 kV	SOLAPUR-RAICHUR	2	2538	494	32.1	0.3	31.8
4	765 kV	WARDHANIZAMABAD	2	336	2568	0.2	20.5	-20.2
5	765 kV	WAROKA-WARANGAL(NEW)	2	402	2486	0.3	18.3	-17.9
6	400 kV	KOLHAPUR-KUDGI	2	2005	0	33.4	0.0	33.4
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	99	1.9	0.0	1.9
						WR-SR	90.3	28.0

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 JEP 4*180MW)	1383	701	1167	28.02	
	ER	400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) i.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)	873	639	752	18.04	
	ER	220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) i.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)	162	98	128	3.07	
	NER	132kV GELEPHU-SALAKATI	53	0	49	1.17	
	NER	132kV MOTANGA-RANGIA	61	0	49	1.17	
NEPAL	NR	NEPAL IMPORT (FROM UP)	-21	0	0	0.00	
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)	-21	0	0	-0.01	
	ER	NEPAL IMPORT (FROM BIHAR)	133	117	125	2.99	
	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2	602	369	528	12.67	
BANGLADESH	ER	BHERAMARA B/B HVDC (B'DESH)	-946	-937	-937	-22.49	
	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RAHANPUR (B'DESH) D/C	-1442	-854	-1178	-28.26	
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2	-42	0	-36	-0.86	

CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 24-Jun-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nepal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bangladesh	22.92	0.27	0.00	0.00	0.00	0.00	0.00	0.00	23.19
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	22.92	0.27	0.00	0.00	0.00	0.00	0.00	0.00	23.19

Import by India(in MU)

Country	GNA (ISGA/PPA)	T-GNA							TOTAL
		BILATERAL TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	53.90	0.00	1.00	0.00	0.00	0.27	0.00	0.00	55.17
Nepal	8.28	0.26	0.00	0.00	0.00	6.89	0.00	0.00	15.43
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	62.18	0.26	1.00	0.00	0.00	7.16	0.00	0.00	70.60

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	53.90	0.00	1.00	0.00	0.00	0.27	0.00	0.00	55.17
Nepal	8.28	0.26	0.00	0.00	0.00	6.89	0.00	0.00	15.43
Bangladesh	-22.92	-0.27	0.00	0.00	0.00	0.00	0.00	0.00	-23.19
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	39.26	-0.01	1.00	0.00	0.00	7.16	0.00	0.00	47.41

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	204161	4658	20762	0	28190	2741	145995	1727	183399	204073	1204
0:15	50.05	203357	4674	20865	0	27687	2709	145326	1774	182492	203035	1390
0:30	50.00	202037	4673	20979	0	27101	2667	144622	1722	181058	201764	1420
0:45	50.00	200244	4672	20958	0	26658	2661	143273	1775	179286	199997	1466
1:00	49.95	198430	4649	20862	0	26405	2653	141837	1707	177568	198113	1421
1:15	50.00	197094	4671	20484	0	26287	2672	140659	1754	176610	196527	1461
1:30	50.00	195726	4663	20356	0	26280	2667	139339	1734	175370	195039	1710
1:45	50.00	194393	4667	20464	0	26287	2652	138020	1765	173929	193855	1725
2:00	50.05	193519	4672	20497	0	26206	2662	136989	1747	173022	192773	1872
2:15	50.05	192808	4678	21039	0	26050	2685	135843	1775	171769	192070	1849
2:30	50.05	191415	4674	21100	0	25610	2677	134558	1806	170315	190425	1894
2:45	50.05	190811	4674	21071	0	25586	2685	134057	1802	169740	189875	1716
3:00	50.00	189741	4678	21135	0	25482	2687	133111	1727	168606	188820	1790
3:15	49.95	189283	4662	21194	0	25361	2676	132305	1771	168089	188869	1974
3:30	50.00	188548	4669	21148	0	25657	2682	132377	1797	167400	188330	1921
3:45	50.00	187957	4666	21115	0	25698	2674	131734	1785	166842	187672	1933
4:00	50.05	187604	4676	20893	0	25645	2694	131691	1758	166711	187357	1921
4:15	50.00	188421	4661	20711	0	25992	2703	132536	1763	167710	188366	1965
4:30	50.00	187897	4684	20283	0	25844	2747	132505	1766	167614	187829	1943
4:45	49.95	187870	4662	20205	0	25821	2743	132459	1792	167665	187682	1963
5:00	50.00	187702	4673	20175	101	25625	2740	132636	1777	167426	187727	1939
5:15	49.95	187551	4672	20094	98	25268	2750	133162	1782	167359	187826	1933
5:30	49.90	188556	4874	19542	99	25478	2792	134116	1795	168915	188696	1926
5:45	49.85	188363	5110	18799	117	25865	2810	133966	1783	169447	188450	1935
6:00	49.90	189403	5159	18273	178	25953	2826	134895	1780	170952	189064	1854
6:15	49.79	191226	5194	17934	1166	26298	2800	135928	1701	172126	191021	1966
6:30	49.90	192773	5203	17552	2327	26489	2738	136355	1655	172894	192319	2151
6:45	50.00	194100	5219	17058	4057	26587	2745	136276	1730	172985	193672	2109
7:00	50.00	193393	5230	16619	6136	26224	2763	134591	1669	170638	193232	2123
7:15	49.95	194369	5241	16362	8424	26173	2822	133750	1697	169583	194469	2074
7:30	50.00	194670	5223	16074	10886	26021	2829	132016	1672	167710	194721	2075
7:45	50.00	195429	5247	16239	13622	25977	2820	130026	1653	165568	195584	2111
8:00	50.05	195759	5244	16845	16156	25837	2822	127155	1745	162758	195804	2075
8:15	50.05	196129	5229	17221	18987	25342	2638	125305	1696	159921	196418	2116
8:30	50.00	197505	5223	17417	21234	25012	2614	124716	1716	158854	197932	2074
8:45	49.95	199467	5242	17548	23863	25196	2631	123746	1706	158056	199932	2036
9:00	50.00	201168	5234	17830	26652	24861	2639	122772	1717	156686	201705	2028
9:15	50.00	204583	5234	18043	29886	24753	2632	122834	1718	156654	205100	1975
9:30	50.05	206437	5252	18583	32788	24534	2625	121502	1732	155066	207016	2013
9:45	50.05	208880	5226	19151	35418	24827	2626	120613	1761	154311	209622	2001
10:00	50.05	209946	5225	19676	38074	24660	2671	118824	1743	152196	210873	1841
10:15	50.05	211196	5212	20261	40648	24095	2688	117204	1785	150287	211893	1805
10:30	50.10	211779	5232	20873	41818	23429	2673	116736	1776	149088	212537	1791
10:45	50.15	212184	5250	21075	42483	23030	2752	116446	1755	148626	212791	1851
11:00	50.25	212648	5223	21432	44644	22488	2866	114863	1822	146572	213338	1949
11:15	50.05	211605	5255	21893	45072	22255	2927	113512	1749	144640	212663	1707
11:30	49.94	211369	5245	22268	45332	23221	2935	111817	1753	143769	212571	1734
11:45	49.84	212140	5232	22418	45264	23875	2908	111591	1786	144458	213074	1935
12:00	49.94	212042	5216	22348	45561	23604	2936	111222	1776	144133	212663	1964
12:15	49.84	211470	5222	22427	44466	23280	2951	112120	1799	144577	212265	1815
12:30	49.89	211660	5252	22968	44205	23655	2956	111782	1752	144487	212570	1774
12:45	49.74	210966	5225	22705	42988	24031	2957	111791	1785	145273	211482	1951
13:00	50.04	209941	5237	23216	41650	24171	2959	111844	1789	145075	210866	1979
13:15	49.94	207776	5247	23354	39869	23337	2969	112222	1765	144553	208763	1816
13:30	49.89	208261	5236	23688	37445	23504	2948	114487	1789	147128	209097	1789
13:45	49.94	209449	5242	23588	37095	24338	2956	115461	1757	148766	210437	1781
14:00	49.99	210192	5255	23810	36342	24755	2959	116074	1750	150040	210945	1826
14:15	49.89	211426	5259	23761	34849	24806	2952	118696	1761	152816	212084	1818
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15:00	50.04	213308	5254	23339	30952	25104	2966	124444	1749	159017	213808	1784
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16:00	49.89	209874	5257	23735	20994	24654	2981	130865	1726	165145	210212	1586
16:15	49.89	208583	5256	24140	18424	24819	2970	131716	1764	166019	209089	1531
16:30	49.79	207899	5253	23698	16129	25180	2976	133414	1765	168072	208415	1560
16:45	49.89	208607	5264	23874	14490	25503	2976	134570	1729	170243	208406	1561
17:00	50.04	207922	5256	23906	12668	25947	2941	135465	1706	171348	207889	1524
17:15	50.04	206157	5263	24194	11200	25176	2937	135566	1721	170763	206057	1548
17:30	49.99	207693	5265	20927	14495	25492	2924	136581	1721	172271	207405	1598
17:45	49.99	204534	5275	24439	7393	25928	2881	136454	1774	172702	204144	1637
18:00	50.04	204123	5262	24757	5683	26154	2920	137131	1762	173683	203669	1781
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18:30	50.04	205454	5259	24867	2867	26451	2891	140162	1733	177720	204230	1807
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19:00	49.94	210653	5254	24160	977	29148	2894	144730	1839	185516	209002	1536
19:15	49.89	213225	5259	23851	501	30699	3017	146733	1797	188873	211857	1511
19:30	49.89	215632	5240	23657	122	31415	3084	148762	1780	191853	214060	1496
19:45	49.94	216642	5256	23718	16	31490	3129	150172	1806	192908	215587	1578
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20:30	50.00	216160	5271	23802	0	30643	3149	150663	1864	192358	215392	1475
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21:00	49.95	216365	5264	22987	0	30667	3418	151090	1791	193378	215217	1542
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21:30	49.90	216425	5260	22055	0	30937	4277	151459	1774	194370	215762	1573
21:45	49.90	216671	5262	21694	0	31322	4496	151194	1778	194977	215746	1550
22:00	50.00	216374	5285	21308	0	30994	4513	151487	1798	195066	215385	1586
22:15	49.89	216748	5269	21526	0	31073	4594	151657	1794			