



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 इंस्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: GRID-INDIA/NLDC/SO/Daily PSP Report

दिनांक: 13.09.2025

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 12.09.2025.**

महोदय/Sir,

आईईजीसी-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 12-सितंबर-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 12.09.2025, is available at the NLDC website.

धन्यवाद,  
Thanks

Report for previous day

Date of Reporting: 13-Sep-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)	75654	62387	50100	29506	3624	221271
Peak Shortage (MW)	155	0	0	0	0	155
Energy Met (MU)	1640	1456	1181	646	73	4997
Hydro Gen (MU)	389	125	191	109	35	849
Wind Gen (MU)	27	64	87	-	-	178
Solar Gen (MU)*	210.06	130.19	109.75	2.56	0.74	453
Energy Shortage (MU)	0.73	0.00	0.00	0.00	0.00	0.73
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	75942	65215	54088	31023	3722	223765
Time Of Maximum Demand Met	22:32	19:01	10:25	23:12	18:09	19:28

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	0.022	0.00	0.00	3.24	3.24	83.82	12.94

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(-)	Max OD (MW)	Energy Shortage (MU)
NR	Punjab	12397	0	260.7	143.2	0.4	560	0.00
	Haryana	11210	0	236.5	171.6	0.0	473	0.00
	Rajasthan	13457	0	296.3	97.5	-5.0	283	0.00
	Delhi	6303	0	132.3	127.0	-0.6	286	0.00
	UP	28746	0	562.2	220.7	1.4	1245	0.00
	Uttarakhand	2255	155	50.9	23.8	0.6	141	0.73
	HP	1844	0	37.0	-3.4	-0.7	95	0.00
	J&K(UT) & Ladakh(UT)	2716	0	53.4	29.9	0.4	244	0.00
	Chandigarh	325	0	6.6	6.6	0.1	28	0.00
	Railways_NR ISTS	209	0	4.2	3.7	0.5	74	0.00
WR	Chhattisgarh	5520	0	127.1	68.8	-1.0	228	0.00
	Gujarat	20029	0	425.2	172.3	-4.6	819	0.00
	MP	12402	0	269.4	128.7	-0.3	533	0.00
	Maharashtra	25173	0	550.4	198.4	-1.9	563	0.00
	Goa	733	0	14.8	12.4	1.9	137	0.00
	DNHDDPDCL	1371	0	31.8	31.8	0.0	71	0.00
	AMNSIL	832	0	18.9	11.8	0.6	285	0.00
	BALCO	536	0	12.8	12.7	0.1	36	0.00
	RIL JAMNAGAR	248	0	5.6	5.6	0	0	0.00
	Andhra Pradesh	9989	0	218.8	74.9	1.5	799	0.00
SR	Telangana	12054	0	230.3	60.3	0.1	784	0.00
	Karnataka	13847	0	258.7	66.2	0.8	597	0.00
	Kerala	4404	0	87.4	49.6	-0.1	448	0.00
	Tamil Nadu	17728	0	376.2	196.8	0.7	880	0.00
	Puducherry	476	0	10.1	9.6	-0.1	34	0.00
	Bihar	8206	0	163.6	151.0	-0.5	388	0.00
ER	DVC	3201	0	70.1	-24.0	0.1	296	0.00
	Jharkhand	2157	0	44.8	32.1	-1.0	296	0.00
	Odisha	6090	0	123.6	49.6	-1.6	789	0.00
	West Bengal	11479	0	242.4	108.9	-1.8	363	0.00
	Sikkim	83	0	1.2	1.3	-0.1	17	0.00
	Railways_ER ISTS	14	0	0.2	0.1	0.0	0	0.00
NER	Arunachal Pradesh	199	0	4.0	3.5	0.0	29	0.00
	Assam	2421	0	48.8	40.6	0.5	130	0.00
	Manipur	212	0	3.3	3.3	-0.1	19	0.00
	Meghalaya	331	0	6.2	2.9	-0.1	59	0.00
	Mizoram	124	0	2.1	0.7	-0.2	4	0.00
	Nagaland	168	0	3.1	2.7	0.0	17	0.00
	Tripura	325	0	6.1	5.5	0.2	51	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	52.9	22.5	-23.8	-18.0
Day Peak (MW)	2237.9	1101.4	-1040.6	-763.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	234.4	-273.4	107.7	-76.6	7.9	0.0
Actual(MU)	219.9	-261.4	104.6	-81.3	7.6	-10.6
O/D/U/D(MU)	-14.5	12.0	-3.1	-4.7	-0.4	-10.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	5218	10397	7672	3375	235	26896	51
State Sector	5499	9500	7653	3492	199	26342	49
Total	10717	19896	15325	6867	434	53238	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	790	1376	635	677	13	3491	65
Lignite	23	14	43	0	0	80	1
Hydro	389	125	191	109	35	849	16
Nuclear	43	60	41	0	0	144	3
Gas, Naptha & Diesel	26	71	14	0	22	133	2
RES (Wind, Solar, Biomass & Others)	243	197	224	5	1	669	12
Total	1515	1842	1149	792	70	5368	100

Share of RES in total generation (%)	16.03	10.69	19.48	0.67	1.05	12.47
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	44.56	20.71	39.73	14.47	50.48	30.98

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.027
Based on State Max Demands	1.071

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	214736	15:44	0
Non-Solar hr	223765	19:28	285

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: 13-Sep-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	401	0.0	10.1	-10.1
2	HVDC	PUSAULI B/B	-	0	47	0.0	2.5	-2.5
3	765 kV	GAYA-VARANASI	2	1037	895	0.0	0.5	-0.5
4	765 kV	SASARAM-FATEHPUR	1	492	376	0.7	0.0	0.7
5	765 kV	GAYA-BALIA	1	0	780	0.0	10.2	-10.2
6	400 kV	PUSAULI-VARANASI	1	0	165	0.0	1.8	-1.8
7	400 kV	PUSAULI -ALLAHABAD	1	68	97	0.0	1.7	-1.7
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	213	815	0.0	9.2	-9.2
9	400 kV	PATNA-BALIA	2	91	1061	0.0	13.1	-13.1
10	400 kV	NAUBATPUR-BALIA	2	52	476	0.0	3.4	-3.4
11	400 kV	BIHARSHARIFF-BALIA	2	283	346	0.0	1.3	-1.3
12	400 kV	MOTIHARI-GORAKHPUR	2	154	494	0.0	5.4	-5.4
13	400 kV	BIHARSARIFF-SAHUPURI	2	323	334	0.0	1.3	-1.3
14	220 kV	SAHUPURI-KARMANASA	1	0	68	0.0	1.4	-1.4
15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.1	0.0	0.1
16	132 kV	GARWAH-RIHAND	1	30	0	0.7	0.0	0.7
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						1.4	61.8	-60.4
Import/Export of ER (With WR)								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	647	606	0.5	0.0	0.5
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1802	232	28.3	0.0	28.3
3	765 kV	JHARSUGUDA-DURG	2	15	605	0.0	6.1	-6.1
4	400 kV	JHARSUGUDA-RAIGARH	4	455	398	1.0	0.0	1.0
5	400 kV	RANCHI-SIPAT	2	404	188	5.2	0.0	5.2
6	400 kV	JEYPORE-JAGDALPUR	2	267	139	4.4	0.0	4.4
7	220 kV	BUDHIPADAR-RAIGARH	1	0	111	0.0	1.4	-1.4
8	220 kV	BUDHIPADAR-KORBA	2	78	111	0.0	0.2	-0.2
ER-WR						39.4	7.7	31.7
Import/Export of ER (With SR)								
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	419	0.0	10.0	-10.0
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1263	0.0	25.6	-25.6
3	765 kV	ANGUL-SRIKAKULAM	2	0	2747	0.0	33.9	-33.9
4	400 kV	TALCHER-I/C	2	347	187	3.2	0.0	3.2
5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
ER-SR						0.0	69.4	-69.4
Import/Export of ER (With NER)								
1	400 kV	BINAGURI-BONGAIGAON	2	120	310	0.2	2.9	-2.7
2	400 kV	ALIPURDUAR-BONGAIGAON	2	0	704	0.0	9.2	-9.2
3	220 kV	ALIPURDUAR-SALAKATI	2	0	130	0.0	1.9	-1.9
ER-NER						0.2	14.0	-13.8
Import/Export of NER (With NR)								
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	302	0.0	7.4	-7.4
NER-NR						0.0	7.4	-7.4
Import/Export of WR (With NR)								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	2003	0.0	47.5	-47.5
2	HVDC	VINDHYACHAL B/B	-	772	157	0.0	2.7	-2.7
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1918	0.0	45.8	-45.8
4	765 kV	GWALIOR-AGRA	2	453	2342	0.9	22.4	-21.5
5	765 kV	GWALIOR-PHAGI	2	1591	1683	10.1	19.2	-9.1
6	765 kV	JABALPUR-ORAI	2	295	1117	0.0	21.5	-21.5
7	765 kV	GWALIOR-ORAI	1	954	83	13.2	0.2	13.0
8	765 kV	SATNA-ORAI	1	0	811	0.0	11.4	-11.4
9	765 kV	BANASKANTHA-CHITTOGARH	2	1825	204	20.2	0.1	20.1
10	765 kV	VINDHYACHAL-VARANASI	2	0	3104	0.0	43.9	-43.9
11	400 kV	ZERDA-KANKROLI	1	395	0	5.3	0.0	5.3
12	400 kV	ZERDA -BHINMAL	1	273	0	3.6	0.0	3.6
13	400 kV	VINDHYACHAL -RIHAND	1	0	1	0.0	0.0	0.0
14	400 kV	RAPP-SHUJALPUR	2	863	256	7.3	1.4	5.8
15	400 kV	NEEMUCH-Chittorgarh	2	557	593	3.9	5.2	-1.3
16	220 kV	BHANPURA-RANPUR	1	0	154	0.0	2.9	-2.9
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	2.3	-2.3
18	220 kV	MEHGAON-AURAIYA	1	119	0	0.9	0.0	0.9
19	220 kV	MALANPUR-AURAIYA	1	114	7	1.1	0.0	1.1
20	132 kV	RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
WR-NR						66.3	226.4	-160.1
Import/Export of WR (With SR)								
1	HVDC	BHADRAWATI B/B	-	0	996	0.0	15.3	-15.3
2	HVDC	RAIGARH-PUGALUR	2	0	5009	0.0	62.2	-62.2
3	765 kV	SOLAPUR-RAICHUR	2	1869	853	15.7	1.7	14.0
4	765 kV	WARDHA-NIZAMABAD	2	854	2241	1.6	15.7	-14.1
5	765 kV	WARORA-WARANGAL(NEW)	2	600	2281	0.6	17.9	-17.3
6	400 kV	KOLHAPUR-KUDGI	2	1358	0	24.0	0.0	24.0
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	1	112	2.0	0.0	2.0
WR-SR						43.8	112.7	-68.9
INTERNATIONAL EXCHANGES								
State	Region	Line Name	Max (MW)	Min (MW)	Avg (MW)	Import(+ve)/Export(-ve) Energy Exchange (MU)		
BHUTAN	ER	400kV MANGDECHHU-ALIPURDUAR 1,2&3 I.e. ALIPURDUAR RECEIPT (from MANGDECHU HEP 4*180MW)	1267	1145	1258	30.18		
	ER	400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) I.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)	885	809	844	20.25		
	ER	220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) I.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)	113	27	75	1.81		
	NER	132kV GELEPHU-SALAKATI	-23	0	-17	-0.40		
	NER	132kV MOTANGA-RANGIA	73	0	46	1.10		
NEPAL	NR	NEPAL IMPORT (FROM UP)	0	0	0	0.00		
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)	69	0	61	1.47		
	ER	NEPAL IMPORT (FROM BIHAR)	191	135	165	3.95		
BANGLADESH	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2	826	600	712	17.08		
	ER	BHERAMARA B/B HVDC (B'DESH)	-992	-835	-946	-22.71		
	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RAHANPUR (B'DESH) D/C	-763	-720	-750	-17.99		
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2	-61	0	-44	-1.06		

## CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 13-Sep-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	23.20	0.23	0.00	0.00	0.00	0.00	0.00	0.00	23.43
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	23.20	0.23	0.00	0.00	0.00	0.00	0.00	0.00	23.43

## Import by India(in MU)

Country	GNA (ISGA/PPA)	T-GNA							TOTAL
		BILATERAL TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	50.32	0.00	1.61	0.00	0.00	0.16	0.00	0.00	52.09
Nepal	9.08	4.86	0.00	0.00	0.00	7.69	0.00	0.00	21.63
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	59.40	4.86	1.61	0.00	0.00	7.85	0.00	0.00	73.72

## 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	50.32	0.00	1.61	0.00	0.00	0.16	0.00	0.00	52.09
Nepal	9.08	4.86	0.00	0.00	0.00	7.69	0.00	0.00	21.63
Bangladesh	-23.20	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	-23.43
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	36.20	4.63	1.61	0.00	0.00	7.85	0.00	0.00	50.29

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 (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	50.01	206632	5289	9781	0	32439	4539	153255	1851	196851	207154	2051
0:15	49.96	205541	5299	9800	0	32736	4330	153015	1826	195741	207006	2021
0:30	50.01	203883	5297	9682	0	33008	4277	151432	1883	194201	205579	2048
0:45	50.01	202350	5300	9641	0	33226	4283	149483	1849	192709	203782	2022
1:00	50.01	200743	5302	9588	0	33465	4234	147763	1847	191155	202199	2054
1:15	50.01	198895	5322	9667	0	33106	4197	146125	1866	189228	200283	2047
1:30	50.01	197986	5310	9845	0	32783	4120	145643	1815	188141	199516	2028
1:45	50.01	196710	5318	9950	0	32854	4044	144246	1807	186760	198219	2061
2:00	50.01	195652	5322	10072	0	32680	4011	143203	1898	185580	197186	2042
2:15	50.01	194224	5324	10004	0	32440	3978	142214	1792	184220	195752	2043
2:30	50.01	193296	5324	9849	0	32432	3940	141502	1764	183447	194811	2050
2:45	49.96	192672	5327	9664	0	32490	3968	140904	1820	183008	194173	2059
3:00	49.96	191352	5340	9484	0	31646	3966	140834	1748	181868	193018	2062
3:15	49.90	190786	5337	9293	0	31488	3981	140634	1759	181493	192492	2078
3:30	49.90	190260	5335	9189	0	31547	3969	140230	1765	181071	192035	2077
3:45	50.01	189802	5339	9308	0	31614	3933	139592	1787	180494	191573	2054
4:00	50.01	189171	5339	9429	0	31585	3936	138969	1773	179742	191031	2075
4:15	49.96	189701	5341	9415	0	31727	3952	139433	1774	180286	191642	2058
4:30	49.96	190069	5337	9234	0	31722	3939	139822	1772	180835	191826	2075
4:45	49.96	190260	5338	9087	0	31835	3963	140146	1818	181173	192187	2056
5:00	50.01	190998	5360	8740	21	31488	3952	141424	1793	182237	192778	2063
5:15	50.01	190966	5356	8470	6	31657	3922	141579	1809	182490	192799	2055
5:30	50.01	192233	5356	8248	4	31970	3956	142789	1755	183981	194078	2079
5:45	50.01	193567	5361	8019	18	32066	3959	144129	1791	185530	195343	2095
6:00	50.06	194020	5359	7808	18	31936	3958	145104	1766	186194	195949	2097
6:15	50.01	195944	5368	7693	334	31760	4010	146361	1741	187917	197267	2107
6:30	49.96	198756	5372	7496	713	32046	4088	149385	1732	190547	200832	2112
6:45	50.01	200339	5355	7494	1868	32224	4069	149532	1738	190977	202280	2078
7:00	50.06	200037	5369	7334	4220	32579	4063	146392	1801	188483	201758	2075
7:15	50.01	201705	5371	7059	7382	32754	4075	144819	1813	187264	202273	2041
7:30	50.01	201772	5370	6909	11334	32889	4042	141017	1790	183529	203351	1992
7:45	50.06	201973	5377	6768	15815	32413	4015	137094	1833	179390	203315	2023
8:00	50.06	201276	5358	6610	20504	32001	3972	132188	1806	174162	202439	2017
8:15	50.01	201979	5379	6302	25188	31285	4014	129026	1860	170489	203054	2001
8:30	50.06	202772	5376	6163	29729	30460	3985	126109	1881	166880	203703	2010
8:45	50.06	204373	5376	6401	34092	29487	3977	124612	1861	163880	205806	1959
9:00	50.11	205835	5371	6505	38736	29462	3959	122242	1834	160594	208109	1965
9:15	50.01	209015	5372	6605	42924	29496	3991	120833	1877	159486	211098	1969
9:30	50.00	210951	5363	6912	46102	29580	4037	119368	1898	157937	213260	1987
9:45	50.00	211963	5357	6724	48739	29142	4049	118293	1905	156500	214209	2069
10:00	50.06	212666	5351	6681	50855	29370	4026	117399	1944	155130	215626	2001
10:15	49.95	212656	5353	6653	51374	28694	4028	117116	1938	154629	215156	2012
10:30	49.95	212635	5345	6515	53255	28454	4035	115893	1950	152865	215447	1990
10:45	49.90	212863	5365	6409	53270	28970	4107	115639	1913	153184	215673	1907
11:00	49.91	212320	5335	6189	53793	28484	4085	114910	1964	152338	214760	1914
11:15	49.96	212519	5339	5963	55595	28053	4071	114073	1994	150961	215088	1912
11:30	50.01	213354	5345	5976	56766	28041	4062	113645	1984	150612	215819	1871
11:45	49.96	212724	5353	5940	56563	27833	4135	113287	2041	150221	215152	1852
12:00	49.96	212407	5340	6017	56498	28070	4171	113037	1957	149892	215090	1854
12:15	50.01	212067	5336	5942	56589	28180	4181	112363	2021	149536	214612	1841
12:30	50.01	211721	5334	5863	56880	28373	4133	111786	2054	148978	214423	1898
12:45	50.01	211205	5357	5801	57007	28005	4162	111572	2004	148397	213908	1916
13:00	50.11	209073	5356	5788	56512	27676	4111	110660	1994	146773	212097	1953
13:15	49.96	206765	5362	5800	54538	27656	4158	110092	2054	146427	209660	1988
13:30	50.01	206483	5360	5987	54596	27675	4138	109680	1997	145900	209433	1965
13:45	49.96	207776	5358	6139	54055	27617	4185	111166	1909	147582	210429	1945
14:00	50.01	207975	5367	6074	53134	27779	4132	112042	1915	148767	210443	1906
14:15	49.96	209517	5366	6117	52894	28152	4164	113275	1885	150506	211853	1947
14:30	49.91	211184	5368	6038	50589	28668	4234	116429	1918	154557	213244	1983
14:45	49.96	212943	5356	5983	49710	29045	4524	118474	1893	157250	214985	1963
15:00	50.01	214315	5351	5914	48562	29364	4676	120515	1904	159839	216286	1952
15:15	50.06	213701	5364	5881	47137	29699	4757	120928	1899	160683	215665	1949
15:30	50.06	214453	5360	6012	43931	30420	4836	124157	1864	164510	216580	1955
15:45	50.01	214625	5349	6297	41964	30322	4941	126119	1820	166364	216812	2017
16:00	50.01	213965	5351	6664	38869	30276	5011	128083	1860	168432	216114	1979
16:15	49.96	212256	5367	7024	35110	29948	5367	128626	1860	170122	213302	2001
16:30	49.91	211831	5359	7007	30169	30883	5419	131513	1843	174655	212193	2017
16:45	50.01	211951	5361	7153	26466	31807	5428	134570	1840	178332	212625	2025
17:00	50.06	210508	5352	7339	22685	32021	5423	136578	1777	180484	211175	2006
17:15	50.01	209092	5378	7446	18379	31830	5477	139787	1743	183267	210040	2022
17:30	50.06	210338	5364	7392	14345	33004	5544	144038	1858	188601	211545	2013
17:45	49.96	212286	5364	7289	10347	33965	5835	148822	1880	194650	213502	1998
18:00	50.01	212856	5362	7242	6943	34503	5884	152268	1877	198671	214079	1933
18:15	50.01	213303	5371	7134	4023	34563	6742	154661	1843	202146	214337	1886
18:30	50.01	216115	5366	7045	2034	35690	7587	156993	1923	207036	216638	1887
18:45	50.06	219215	5368	6957	737	37726	8068	158755	1934	211521	219545	1901
19:00	49.96	220767	5360	6894	370	38275	8143	160314	1920	213503	221276	1971
19:15	49.96	222820	5365	7051	368	38371	8393	161643	1941	215401	223132	2069
19:30	50.01	223703	5375	7115	390	38121	8594	162539	1921	216198	224055	2059
19:45	50.01	222816	5370	7216	380	38035	8518	161653	1837	215220	223009	2049
20:00	50.06	221028	5364	7208	333	37399	8357	160987	1830	213487	221478	2064
20:15	50.01	220493	5383	7235	0	37213	7707	160968	1860	213258	220366	2053
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20:45	50.01	220005	5366	7330	0	36908	7331	161125	1891	212675	219951	2047
21:00	50.01	219171	5369	7303	0	36244	7012	161408	1869	211868	219205	2051
21:15	50.06	218959	5365	7527	0	36235	7011	160936	1859	211432	218933	2060
21:30	50.01	219115	5375	7929	0	35877	6977	160766	1865	211186	218789	2077
21:45	50.06	218619	5378	8073	0	35592	6954	160411	1894	210546	218302	2074
22:00	50.06	218086	5382	8296	0	35469	6818	160103	1883	209790	217951	2085
22:15	50.01	218674	5373	8412	0	35148	7148	160706	1949	210262	218736	2046
22:30	50.01	219006	5373	8507	0	3						