



**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: 27.09.2025

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 26.09.2025.**

महोदय/Sir,

आईईजीसी-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 26-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 26.09.2025, is available at the NLDC website.

धन्यवाद,  
Thanks

Report for previous day

Date of Reporting: 27-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)	77705	62834	45662	27506	4055	217762
Peak Shortage (MW)	0	0	0	0	0	0
Energy Met (MU)	1793	1489	1078	639	81	5080
Hydro Gen (MU)	369	116	165	100	39	789
Wind Gen (MU)	7	61	273	-	-	341
Solar Gen (MU)*	216.83	140.52	83.75	2.95	1.19	445
Energy Shortage (MU)	0.00	0.00	0.00	0.11	0.00	0.11
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	79739	67423	49643	29609	4159	224157
Time Of Maximum Demand Met	19:28	18:49	09:51	00:21	18:22	19:23

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	0.024	0.00	0.00	2.85	2.85	85.77	11.39

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	13955	0	295.3	180.0	-1.5	701	0.00
	Haryana	12178	0	261.3	203.2	-1.1	570	0.00
	Rajasthan	15770	0	346.8	131.7	0.0	521	0.00
	Delhi	6552	0	137.2	129.0	-0.9	306	0.00
	UP	29100	0	595.7	245.1	-0.8	544	0.00
	Uttarakhand	2643	0	52.5	26.7	0.6	75	0.00
	HP	1895	0	39.0	5.0	0.0	80	0.00
	J&K(UT) & Ladakh(UT)	2647	0	54.2	30.1	-1.4	104	0.00
	Chandigarh	330	0	6.7	6.4	0.2	43	0.00
	Railways_NR ISTS	215	0	4.2	4.0	0.2	44	0.00
WR	Chhattisgarh	5209	0	112.3	58.3	-1.6	299	0.00
	Gujarat	23143	0	495.4	249.0	-0.2	1358	0.00
	MP	12799	0	276.1	125.7	-0.8	487	0.00
	Maharashtra	24276	0	524.1	184.7	-5.1	579	0.00
	Goa	683	0	14.6	12.2	1.9	72	0.00
	DNHDDPDCL	1363	0	31.6	31.8	-0.2	43	0.00
	AMNSIL	787	0	16.7	9.4	0.2	259	0.00
	BALCO	537	0	12.8	12.7	0.1	17	0.00
	RIL JAMNAGAR	254	0	5.5	5.5	0.0	0	0.00
	Andhra Pradesh	9560	0	207.8	22.4	-2.0	619	0.00
SR	Telangana	9280	0	185.3	42.7	-0.1	877	0.00
	Karnataka	12436	0	229.7	39.0	-1.7	1271	0.00
	Kerala	4307	0	84.5	50.8	-1.1	431	0.00
	Tamil Nadu	17203	0	360.9	127.1	-6.6	862	0.00
	Puducherry	477	0	10.2	9.5	0.1	41	0.00
	Bihar	7946	0	166.4	159.1	-3.6	742	0.11
ER	DVC	3153	0	66.4	-41.9	-1.4	261	0.00
	Jharkhand	2201	0	43.5	32.2	-1.5	321	0.00
	Odisha	6077	0	124.8	61.1	-3.4	448	0.00
	West Bengal	10949	0	236.5	98.0	-2.8	384	0.00
	Sikkim	80	0	1.2	1.3	-0.1	16	0.00
	Railways_ER ISTS	13	0	0.1	0.2	-0.1	4	0.00
NER	Arunachal Pradesh	212	0	4.1	3.4	0.2	56	0.00
	Assam	2814	0	55.1	46.6	0.6	203	0.00
	Manipur	231	0	3.2	2.8	0.3	132	0.00
	Meghalaya	339	0	5.7	2.2	0.0	103	0.00
	Mizoram	125	0	2.2	0.7	-0.1	49	0.00
	Nagaland	189	0	3.4	3.1	0.0	15	0.00
	Tripura	357	0	7.0	6.2	0.2	37	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	52.0	19.7	-23.9	-28.5
Day Peak (MW)	2422.6	988.2	-1007.6	-1240.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	426.2	-240.6	-120.8	-74.9	10.0	0.0
Actual(MU)	416.0	-220.3	-133.1	-89.9	10.3	-17.0
O/D/U/D(MU)	-10.2	20.2	-12.3	-15.0	0.2	-17.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	5412	11931	5428	3125	92	25988	51
State Sector	6029	10869	5738	2177	199	25012	49
Total	11441	22800	11166	5302	291	50999	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	812	1396	637	698	13	3555	65
Lignite	24	19	55	0	0	98	2
Hydro	369	116	165	100	39	789	14
Nuclear	34	64	41	0	0	139	3
Gas, Naptha & Diesel	10	34	10	0	22	76	1
RES (Wind, Solar, Biomass & Others)	230	203	382	5	1	821	15
Total	1477	1832	1290	803	75	5478	100

Share of RES in total generation (%)	15.54	11.07	29.61	0.64	1.61	14.98
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	42.81	20.90	45.60	13.13	53.12	31.93

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.028
Based on State Max Demands	1.080

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	221349	10:22	0
Non-Solar hr	224157	19:23	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: 27-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	312	0.0	7.2	-7.2
2	HVDC	PUSAULI B/B	-	0	47	0.0	2.6	-2.6
3	765 kV	GAYA-VARANASI	2	612	1089	0.0	8.2	-8.2
4	765 kV	SASARAM-FATEHPUR	1	201	577	0.0	4.6	-4.6
5	765 kV	GAYA-BALIA	1	0	1066	0.0	17.3	-17.3
6	400 kV	PUSAULI-VARANASI	1	14	111	0.0	1.4	-1.4
7	400 kV	PUSAULI -ALLAHABAD	1	8	120	0.0	1.2	-1.2
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	19	964	0.0	13.9	-13.9
9	400 kV	PATNA-BALIA	2	0	1064	0.0	14.6	-14.6
10	400 kV	NAUBATPUR-BALIA	2	0	533	0.0	4.2	-4.2
11	400 kV	BIHARSARIFF-BALIA	2	288	281	0.0	0.8	-0.8
12	400 kV	MOTIHARI-CORAKHPUR	2	38	661	0.0	9.0	-9.0
13	400 kV	BIHARSARIFF-SAHUPURI	2	577	513	0.0	4.6	-4.6
14	220 kV	SAHUPURI-KARMANASA	1	0	72	0.0	1.8	-1.8
15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.1	0.0	0.1
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-CHANDAUJI	1	0	0	0.0	0.0	0.0
ER-NR						0.5	91.1	-90.6
Import/Export of ER (With WR)								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	716	1061	0.0	2.4	-2.4
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1925	0	34.7	0.0	34.7
3	765 kV	JHARSUGUDA-DURG	2	216	414	0.0	3.2	-3.2
4	400 kV	JHARSUGUDA-RAIGARH	4	432	320	0.9	0.0	0.9
5	400 kV	RANCHI-SIPAT	2	477	0	10.2	0.0	10.2
6	400 kV	JEYPORE-JAGDALPUR	2	0	684	0.0	7.6	-7.6
7	220 kV	BUDHIPADAR-RAIGARH	1	47	79	0.0	0.4	-0.4
8	220 kV	BUDHIPADAR-KORBA	2	156	45	1.0	0.0	1.0
ER-WR						46.7	13.6	33.0
Import/Export of ER (With SR)								
1	HVDC	JEYPORE-GAZUWAKA B/B	2	604	0	13.6	0.0	13.6
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1371	0.0	25.6	-25.6
3	765 kV	ANGUL-SRIKAKULAM	2	0	2314	0.0	28.2	-28.2
4	400 kV	TALCHER-I/C	2	399	489	2.3	0.0	2.3
5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
ER-SR						13.6	53.8	-40.2
Import/Export of ER (With NER)								
1	400 kV	BINAGURI-BONGAIGAON	2	0	436	0.1	4.8	-4.8
2	400 kV	ALIPURDUAR-BONGAIGAON	2	0	927	0.0	13.6	-13.6
3	220 kV	ALIPURDUAR-SALAKATI	2	0	167	0.0	2.5	-2.5
ER-NER						0.1	20.9	-20.9
Import/Export of NER (With NR)								
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	503	0.0	12.1	-12.1
NER-NR						0.0	12.1	-12.1
Import/Export of WR (With NR)								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	4558	0.0	86.2	-86.2
2	HVDC	VINDHYACHAL B/B	-	0	514	0.0	11.6	-11.6
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1917	0.0	33.6	-33.6
4	765 kV	GWALIOR-AGRA	2	0	3073	0.0	46.6	-46.6
5	765 kV	GWALIOR-PHAGI	2	713	2444	2.2	33.4	-31.2
6	765 kV	JABALPUR-ORAI	2	0	1518	0.0	54.3	-54.3
7	765 kV	GWALIOR-ORAI	1	919	0	14.0	0.0	14.0
8	765 kV	SATNA-ORAI	1	0	1303	0.0	21.7	-21.7
9	765 kV	BANASKANTHA-CHITTOORGARH	2	2004	0	23.5	0.0	23.5
10	765 kV	VINDHYACHAL-VARANASI	2	0	3682	0.0	65.7	-65.7
11	400 kV	ZERDA-KANKROLI	1	382	0	5.3	0.0	5.3
12	400 kV	ZERDA -BHINMAL	1	264	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	327	844	1.6	8.3	-6.7
15	400 kV	NEEMUCH-Chittorgarh	2	13	975	0.0	12.0	-12.0
16	220 kV	BHANPURA-RANPUR	1	0	117	0.0	2.1	-2.1
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	2.6	-2.6
18	220 kV	MEHGAON-AURAIYA	1	73	36	0.4	0.1	0.3
19	220 kV	MALANPUR-AURAIYA	1	46	52	0.1	0.4	-0.3
20	132 kV	RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
WR-NR						50.6	378.3	-327.6
Import/Export of WR (With SR)								
1	HVDC	BHADRAWATI B/B	-	903	0	17.5	0.0	17.5
2	HVDC	RAIGARH-PUGALUR	2	2135	0	40.1	0.0	40.1
3	765 kV	SOLAPUR-RAICHUR	2	2406	0	35.0	0.0	35.0
4	765 kV	WARDHA-NIZAMABAD	2	1042	1318	6.2	5.0	1.2
5	765 kV	WARORA-WARANGAL(NEW)	2	568	981	2.6	4.1	-1.5
6	400 kV	KOLHAPUR-KUDGI	2	2267	0	46.5	0.0	46.5
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	100	1.9	0.0	1.9
WR-SR						149.8	9.1	140.8
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 MANGDECHU HEP 4*180MW)	1371	1060	1163	27.92		
	ER	400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) I.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)	843	787	824	19.76		
	ER	220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) I.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)	141	51	109	2.61		
	NER	132kV GELEPHU-SALAKATI	23	4	15	0.35		
	NER	132kV MOTANGA-RANGIA	71	37	58	1.39		
NEPAL	NR	NEPAL IMPORT (FROM UP)	-31	0	0	0.00		
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)	-31	0	-5	-0.12		
	ER	NEPAL IMPORT (FROM BIHAR)	189	138	159	3.81		
BANGLADESH	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2	788	428	667	16.00		
	ER	BHERAMARA B/B HVDC (B'DESH)	-952	-950	-951	-22.83		
	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RAHANPUR (B'DESH) D/C	-1240	-1010	-1186	-28.46		
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2	-54	0	-46	-1.10		

## CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 27-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	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21
Bangladesh	23.36	0.21	0.00	0.00	0.00	0.00	0.00	0.00	23.57
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	23.57	0.21	0.00	0.00	0.00	0.00	0.00	0.00	23.78

## Import by India(in MU)

Country	GNA (ISGA/PPA)	T-GNA							TOTAL
		BILATERAL  TOTAL	COLLECTIVE						
			IDAM			RTM			
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	34.87	0.00	1.54	0.00	0.00	0.14	0.00	0.00	36.55
Nepal	9.09	4.84	0.00	0.00	0.00	6.54	0.00	0.00	20.47
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	43.96	4.84	1.54	0.00	0.00	6.68	0.00	0.00	57.02

## 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	34.87	0.00	1.54	0.00	0.00	0.14	0.00	0.00	36.55
Nepal	8.88	4.84	0.00	0.00	0.00	6.54	0.00	0.00	20.26
Bangladesh	-23.36	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	-23.57
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	20.39	4.63	1.54	0.00	0.00	6.68	0.00	0.00	33.24

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	50.03	209329	5258	14875	0	31285	3514	153634	1802	194454	210368	1747
0:15	49.98	207885	5244	14252	0	31364	3191	153886	1762	193633	209699	1782
0:30	50.03	206882	5267	14175	0	31680	3044	152832	1773	192707	208771	1744
0:45	49.98	204971	5264	14028	0	31361	2915	151396	1755	190943	206719	1942
1:00	50.03	203645	5263	14040	0	31281	2878	150012	1761	189605	205235	1954
1:15	50.03	202029	5268	14172	0	30781	2825	148862	1804	187857	203712	1948
1:30	50.03	200526	5268	14245	0	30500	2783	147633	1748	186281	202177	1948
1:45	50.03	199344	5270	14414	0	30316	2780	146440	1752	184930	200972	1963
2:00	50.03	197344	5271	14596	0	30231	2799	145169	1776	182748	199842	1977
2:15	50.03	196644	5265	14632	0	29714	2788	144224	1762	182012	198385	1956
2:30	50.03	195743	5265	14521	0	29652	2789	143364	1807	181222	197398	1963
2:45	49.98	195252	5272	14259	0	29670	2842	143036	1751	180993	196830	1993
3:00	49.98	194544	5270	14233	0	29235	2828	142869	1751	180311	196186	1996
3:15	49.92	193822	5275	14175	0	29164	2828	142408	1768	179647	195618	1967
3:30	49.97	193390	5279	14009	0	28953	2828	142295	1743	179381	195107	1957
3:45	49.97	193333	5282	14034	0	28503	2830	142593	1751	179299	194993	2007
4:00	50.02	192782	5280	14070	0	28166	2827	142050	1742	178712	194135	1995
4:15	49.97	193646	5274	13953	0	28211	2828	143518	1738	179693	195522	1999
4:30	50.03	194181	5276	13744	0	28225	2894	144069	1758	180437	195966	2027
4:45	49.98	195145	5282	13638	0	28147	2836	145282	1750	181507	196935	2004
5:00	50.03	195737	5285	13641	21	28156	2834	145857	1732	182075	197526	1988
5:15	49.98	196413	5279	13526	40	28001	2839	146823	1773	182847	198281	1985
5:30	49.98	197629	5276	13190	33	28440	2835	148098	1728	184406	199600	1963
5:45	50.03	198789	5288	12919	27	29066	2892	148931	1719	185843	200842	2000
6:00	50.03	200067	5276	12561	13	29275	2836	150017	1839	187493	201817	1994
6:15	49.98	201374	5285	12178	515	29953	2844	151150	1737	188681	203662	2006
6:30	49.98	203998	5282	12183	809	30833	2851	152607	1700	191006	206265	1987
6:45	49.98	205532	5275	12201	1747	30656	2641	153303	1752	191584	207575	1988
7:00	50.03	205190	5289	12097	3776	30512	2570	150997	1721	189317	206962	1993
7:15	49.98	207078	5292	11961	6840	30546	2658	149562	1820	188277	208679	2005
7:30	49.98	206988	5298	11948	10824	30768	2642	145454	1782	184216	208716	2054
7:45	50.03	206747	5292	11637	15184	30645	2645	140797	1843	179926	208043	2030
8:00	50.03	206956	5297	11746	20124	30464	2662	135682	1850	175086	207825	2041
8:15	49.98	208111	5284	11617	25497	29177	2658	132931	1907	170997	209071	2038
8:30	49.93	210181	5294	11816	30923	29216	2655	129386	1926	167442	211216	2056
8:45	50.03	210537	5302	12062	35163	28610	2674	125836	1973	163312	211620	1989
9:00	50.03	212473	5288	12380	40019	27956	2645	123816	1930	160074	214034	1727
9:15	49.93	216462	5286	12338	43657	28303	2662	124259	1963	160467	218468	1883
9:30	49.98	218768	5261	12435	47020	28089	2659	123099	1954	159313	220517	1918
9:45	49.98	219631	5283	12636	49900	28027	2672	121102	1962	157095	221582	1933
10:00	49.93	220373	5268	12603	51813	27820	2664	120161	1957	155957	222286	1967
10:15	49.93	221124	5271	13074	52770	27646	2672	119588	2025	155280	223046	1993
10:30	49.93	220452	5271	13358	53100	27333	2660	118435	1957	153994	222114	1943
10:45	49.93	220504	5277	13526	53342	27231	2661	118237	2026	153636	222300	2010
11:00	49.93	219182	5276	13447	54217	27188	2662	116329	2010	151518	221129	1973
11:15	49.98	218146	5297	13808	53306	26855	2668	116135	1999	151032	220068	2020
11:30	50.03	217603	5272	13626	54401	26782	2667	115524	1940	149576	220212	1810
11:45	50.03	216595	5290	13852	53165	26804	2645	114754	1968	149578	218478	1796
12:00	50.03	216331	5275	14003	52550	26973	2662	114953	1965	149778	218381	1858
12:15	49.93	215428	5281	14184	51444	26185	2644	116019	2022	149800	217779	1808
12:30	50.03	217637	5283	14326	53922	26508	2663	114711	1978	149389	219391	1771
12:45	50.03	216555	5284	14488	53939	26431	2521	113729	1960	148128	218352	1956
13:00	50.23	214878	5281	14592	54322	25753	2478	112346	1875	145964	216647	1975
13:15	49.98	212024	5283	14530	52046	25420	2508	112037	1900	145448	213724	1952
13:30	49.98	211944	5287	14262	52339	25039	2639	112329	1896	145343	213791	1931
13:45	49.98	213054	5299	14643	53219	24872	2626	112397	1898	145192	214954	1905
14:00	50.03	213933	5297	14942	53022	25010	2490	112974	1872	145969	215607	1968
14:15	50.03	215080	5276	15016	51687	24955	2623	115282	1949	148377	216788	1899
14:30	50.03	215960	4936	14985	50483	25048	2662	117687	1851	150492	217652	1886
14:45	49.93	216746	4950	15079	49126	25211	2651	119969	1875	152541	218861	1567
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15:45	49.93	217390	4950	15328	40121	25970	2714	128766	1823	161941	219672	1822
16:00	50.03	217536	4939	15293	37054	26303	2718	131782	1871	165189	219960	1812
16:15	49.93	216174	4952	15495	34001	26230	2853	133461	1820	166678	218812	1895
16:30	50.03	215759	4956	15495	30182	26450	3068	136394	1848	170082	218393	1917
16:45	49.98	215946	4950	15313	26040	26790	3169	140033	1803	174593	218098	1986
17:00	50.08	214671	4971	15317	21638	26592	3179	142746	1810	177716	216253	2000
17:15	50.03	213413	4959	15496	16875	26480	3228	146233	1791	181042	215062	1971
17:30	50.03	213502	4966	15027	11949	27295	3264	151238	1756	186526	215495	1873
17:45	49.98	214920	4962	15052	7885	28313	3292	155666	1812	191983	216982	1914
18:00	50.08	215819	4973	14992	4723	29548	3348	157978	1796	196104	217358	1872
18:15	50.03	217141	4967	15000	2550	31106	3594	159430	1789	199591	218436	1967
18:30	49.98	219952	4966	14930	1348	32790	3896	161521	1863	203674	221314	1723
18:45	50.03	219877	4965	14983	845	33632	4068	161703	1830	204049	222026	1695
19:00	50.08	220432	4972	14928	871	34293	4149	161509	1837	204633	222559	1800
19:15	49.98	223224	4955	14881	797	35266	4225	163279	1867	207546	225270	1809
19:30	50.03	223130	4972	14808	0	35301	4153	163092	1883	208322	224209	1756
19:45	50.03	221725	4970	14572	0	35062	4124	162203	1905	207153	222836	1792
20:00	50.03	219343	4978	14710	0	34447	4035	160401	1823	204633	220394	1847
20:15	49.98	217424	4977	14788	0	33866	3856	159191	1844	202636	218522	1908
20:30	49.93	216421	4977	14850	0	33791	3608	158446	1869	201571	217541	1654
20:45	49.93	215660	4964	14654	0	34416	3565	157486	1843	201006	216928	1737
21:00	50.03	215047	4962	14729	0	33773	3605	157586	1833	200318	216488	1863
21:15	50.03	214544	4977	14691	0	33391	3596	157428	1772	199853	215855	1898
21:30	50.03	213611	4976	14845	0	33098	3395	156740	1793	198766	214847	1932
21:45	50.03	212558	4978	15118	0	33069	3311	155318	1869	197440	213663	2017
22:00	50.03	211718	4993	15219	0	33306	3142	154414	1787	196499	212861	1899
22:15	49.98	212398	4992	15117	0	33964	3084	154494	1802	197281	213453	