



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-९, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

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

दिनांक: 09.11.2025

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 08.11.2025.**

महोदय/Sir,

आई०ई०जी०सी०-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 8-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 08.11.2025, is available at the NLDC website.

धन्यवाद,  
Thanks

Report for previous day

Date of Reporting: 09-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)	50476	58579	48598	21696	2980	182329
Peak Shortage (MW)	0	0	0	0	0	0
Energy Met (MU)	1100	1301	1089	457	54	4000
Hydro Gen (MU)	142	50	171	47	20	430
Wind Gen (MU)	6	47	26	-	-	79
Solar Gen (MU)*	161.97	158.81	135.10	3.96	1.06	461
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)	55907	62259	51104	22762	3219	193177
Time Of Maximum Demand Met	18:20	18:26	16:00	17:55	17:14	18:22

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	0.027	0.00	0.00	3.97	3.97	86.19	9.84

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	141.9	63.4	-0.3	554	0.00
	Haryana	7501	0	149.4	123.9	-0.4	310	0.00
	Rajasthan	14236	0	278.4	78.8	-0.5	795	0.00
	Delhi	3784	0	72.1	70.1	-0.2	284	0.00
	UP	16871	0	315.9	95.3	-2.8	391	0.00
	Uttarakhand	2148	0	40.1	28.2	0.2	103	0.00
	HP	1901	0	35.8	21.5	-0.5	263	0.00
	J&K(UT) & Ladakh(UT)	2844	0	58.6	49.7	0.2	178	0.00
WR	Chandigarh	196	0	3.4	3.3	0.1	13	0.00
	Railways NR ISTS	211	0	4.4	4.0	0.4	42	0.00
	Chhattisgarh	4542	0	93.4	34.2	-0.3	321	0.00
	Gujarat	18651	0	379.9	211.7	-0.4	1004	0.00
	MP	13170	0	238.3	159.2	-0.1	270	0.00
	Maharashtra	25213	0	506.7	169.6	-0.8	570	0.00
	Goa	727	0	15.3	12.3	2.6	51	0.00
	DNHDDPDCL	1332	0	30.5	30.4	0.1	51	0.00
SR	AMNSIL	849	0	18.1	11.6	-0.3	235	0.00
	BALCO	539	0	12.8	12.9	-0.1	12	0.00
	RIL JAMNAGAR	257	0	6.0	6.0	0.0	0	0.00
	Andhra Pradesh	8943	0	195.7	65.7	-2.2	536	0.00
	Telangana	8993	0	180.2	60.4	-0.5	526	0.00
	Karnataka	13806	0	260.6	97.4	-0.4	452	0.00
	Kerala	4408	0	85.9	58.5	-0.6	281	0.00
	Tamil Nadu	17243	0	356.8	222.2	-1.9	579	0.00
ER	Puducherry	435	0	9.4	8.9	-0.2	50	0.00
	Bihar	5055	0	91.8	80.2	-2.3	316	0.00
	DVC	2956	0	64.4	-20.6	-0.9	276	0.00
	Jharkhand	2001	0	37.3	27.4	-2.2	163	0.00
	Odisha	5115	0	100.4	25.3	-1.7	483	0.00
	West Bengal	8062	0	161.3	41.5	-3.3	345	0.00
	Sikkim	81	0	1.3	1.4	-0.1	12	0.00
	Railways ER ISTS	28	0	0.2	0.2	0.1	5	0.00
NER	Arunachal Pradesh	165	0	2.8	2.7	-0.1	48	0.00
	Assam	1969	0	32.7	27.2	-1.7	186	0.00
	Manipur	239	0	3.1	3.2	-0.1	34	0.00
	Meghalaya	319	0	5.4	3.8	-0.2	95	0.00
	Mizoram	147	0	2.3	1.0	0.0	11	0.00
	Nagaland	164	0	2.3	2.4	-0.4	18	0.00
	Tripura	298	0	5.3	4.1	0.0	27	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	14.1	20.3	-24.9	-27.2
Day Peak (MW)	766.7	963.1	-1051.0	-1235.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	165.4	-181.9	151.4	-143.6	8.7	0.0
Actual(MU)	183.9	-174.3	149.9	-179.3	7.1	-12.7
O/D/U/D(MU)	18.5	7.6	-1.5	-35.7	-1.6	-12.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	7683	13116	5578	3920	598	30895	40
State Sector	11334	19197	10448	2787	205	43971	60
Total	19017	32312	16026	6707	803	74865	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	602	1230	579	645	11	3068	71
Lignite	27	11	48	0	0	87	2
Hydro	142	50	171	47	20	430	10
Nuclear	37	53	41	0	0	131	3
Gas, Naptha & Diesel	3	29	5	0	21	58	1
RES (Wind, Solar, Biomass & Others)	181	209	178	6	1	575	13
Total	992	1583	1022	698	54	4349	100

Share of RES in total generation (%)	18.21	13.22	17.39	0.84	1.98	13.21
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	36.25	19.73	38.11	7.59	39.99	26.12

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.010
Based on State Max Demands	1.048

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	181852	9:54	0
Non-Solar hr	193177	18:22	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: 09-Nov-2025

Sl No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	HVDC	ALIPURDUAR-AGRA	2	0	312	0.0	7.4	-7.4
2	HVDC	PUSAULI-B/B	-	0	47	0.0	2.4	-2.4
3	765 kV	GAYA-VARANASI	2	158	1125	0.0	13.5	-13.5
4	765 kV	SASARAM-FATEHPUR	1	0	597	0.0	6.9	-6.9
5	765 kV	GAYA-BALIA	1	0	607	0.0	9.2	-9.2
6	400 kV	PUSAULI-VARANASI	1	0	84	0.0	1.3	-1.3
7	400 kV	PUSAULI-ALLAHABAD	1	0	74	0.0	1.0	-1.0
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	1	599	0.0	8.1	-8.1
9	400 kV	PATNA-BALIA	2	0	876	0.0	12.0	-12.0
10	400 kV	NAUBATPUR-BALIA	2	168	284	0.0	4.0	-4.0
11	400 kV	BIHARSHARIF-BALIA	2	291	152	0.6	0.0	0.6
12	400 kV	MOTHARI-GORAKHPUR	2	0	511	0.0	7.7	-7.7
13	400 kV	BIHARSARIF-SAHUPURI	2	89	467	0.0	4.8	-4.8
14	220 kV	SAHIPURE-KARAMNASSA	1	42	16	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						1.0	79.6	-78.6
<b>Import/Export of ER (With WR)</b>								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	674	645	0.0	3.9	-3.9
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	641	331	2.7	0.0	2.7
3	765 kV	JHARSUGUDA-DURG	2	0	1253	0.0	21.0	-21.0
4	400 kV	JHARSUGUDA-RAIGARH	4	322	274	0.0	0.7	-0.7
5	400 kV	RANCHI-SIPAT	2	244	174	0.3	0.0	0.3
6	400 kV	JEYPORE-JAGDALPUR	2	419	123	2.7	0.0	2.7
7	220 kV	BUDHIPADAR-RAIGARH	1	41	116	0.0	1.4	-1.4
8	220 kV	BUDHIPADAR-KORBA	2	153	91	0.5	0.0	0.5
ER-WR						6.1	27.0	-20.8
<b>Import/Export of ER (With SR)</b>								
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	519	0.0	9.2	-9.2
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1616	0.0	39.5	-39.5
3	765 kV	ANGUL-SRIKAKULAM	2	0	2889	0.0	50.9	-50.9
4	400 kV	TALCHER-I/C	2	639	413	0.0	0.6	-0.6
5	220 kV	BALIMELA-UPPER-SHERRU	1	26	0	0.4	0.0	0.4
ER-SR						0.4	99.7	-99.3
<b>Import/Export of ER (With NER)</b>								
1	400 kV	BINAGURI-BONGAIGAON	2	0	495	0.0	8.5	-8.5
2	400 kV	ALIPURDUAR-BONGAIGAON	2	0	740	0.0	12.1	-12.1
3	220 kV	ALIPURDUAR-SALAKATI	2	0	150	0.0	2.5	-2.5
ER-NER						0.0	23.1	-23.1
<b>Import/Export of NER (With NR)</b>								
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	604	0.0	14.5	-14.5
NER-NR						0.0	14.5	-14.5
<b>Import/Export of WR (With NR)</b>								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	996	0.0	23.9	-23.9
2	HVDC	VINDHYACHAL B/B	-	194	0	4.9	0.0	4.9
3	HVDC	MUNDRA-MOHINDERGARH	2	0	301	0.0	7.4	-7.4
4	765 kV	GWALIOR-AGRA	2	0	1341	0.0	20.9	-20.9
5	765 kV	GWALIOR-PHAGI	2	363	2284	0.3	30.2	-29.9
6	765 kV	JABALPUR-ORAI	2	0	874	0.0	27.8	-27.8
7	765 kV	GWALIOR-ORAI	1	950	0	14.0	0.0	14.0
8	765 kV	SATNA-ORAI	1	0	1014	0.0	18.7	-18.7
9	765 kV	BANASKANTHA-CHITORGARH	2	2308	334	29.5	0.7	28.7
10	765 kV	VINDHYACHAL-YARANASI	2	0	1718	0.0	27.1	-27.1
11	400 kV	ZERDA-KANKROLI	1	472	0	6.4	0.0	6.4
12	400 kV	ZERDA-BHINMAL	1	326	0	4.4	0.0	4.4
13	400 kV	VINDHYACHAL-RIHAND	1	0	2	0.0	0.0	0.0
14	400 kV	RAPP-SHUJALPUR	2	597	220	3.1	1.2	1.9
15	400 kV	NEEMUCH-Chittorgarh	2	551	298	2.8	2.6	0.2
16	220 kV	BHANPURA-RANPUR	1	0	102	0.0	1.8	-1.8
17	220 kV	BHANPURA-MORAK	1	0	30	0.0	1.0	-1.0
18	220 kV	MEHGHAON-AURAIYA	1	84	20	0.3	0.1	0.3
19	220 kV	MALANPUR-AURAIYA	1	60	27	0.2	0.1	0.0
20	132 kV	RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
WR-NR						65.8	163.3	-97.5
<b>Import/Export of WR (With SR)</b>								
1	HVDC	BHADRASWATI B/B	-	0	992	0.0	19.2	-19.2
2	HVDC	RAIGARH-PUGALUR	2	0	2006	0.0	35.0	-35.0
3	765 kV	SOLAPUR-RAICHUR	2	618	1564	1.7	7.1	-5.4
4	765 kV	WARDHA-NIZAMABAD	2	0	2134	0.0	24.8	-24.8
5	765 kV	WARORA-WARANGAL(NEW)	2	0	2466	0.0	33.0	-33.0
6	400 kV	KOLHAPUR-KUDGI	2	1183	0	18.1	0.0	18.1
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	2.3	0.0	2.3
WR-SR						22.1	119.0	-96.9
<b>INTERNATIONAL EXCHANGES</b>								
<b>Import(+ve)/Export(-ve)</b>								
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)			420	226	311	7.47
		400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) i.e. BINAGURI RECEIPT (from TALA HEP 6*170MW)			461	303	394	9.46
	ER	220kV CHUKHA-BIRPURA 1&2 (& 220kV MALBASE - BIRPARA) i.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)			-101	-41	-66	-1.59
	NER	132kV GELEPHU-SALAKATI			-56	-25	-38	-0.92
	NER	132kV MOTANGA-RANGIA			-41	-10	-15	-0.35
NEPAL	NR	NEPAL IMPORT (FROM UP)			0	0	0	0.00
	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)			70	0	62	1.50
	ER	NEPAL IMPORT (FROM BIHAR)			0	0	0	0.00
	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2			900	690	784	18.82
BANGLADESH	ER	BHERAMARA B/B HVDC (B'DESH)			-975	-922	-973	-23.36
	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RAHANPUR (B'DESH) D/C			-1236	-848	-1132	-27.17
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2			-74	0	-63	-1.51

## CROSS BORDER EXCHANGE SCHEDEULE

Date of Reporting: 09-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	24.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	24.17	
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Export	24.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	24.50	

## Import by India(in MU)

Country	GNA (ISGA/PPA)	T-GNA							TOTAL	
		BILATERAL TOTAL	COLLECTIVE							
			IDAM			RTM				
			IEX	PXIL	HPX	IEX	PXIL	HPX		
Bhutan	4.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57	
Nepal	0.76	0.16	12.69	0.00	0.00	3.98	0.00	0.00	17.59	
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	5.33	0.16	12.69	0.00	0.00	3.98	0.00	0.00	22.16	

## 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	4.57	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	4.24	
Nepal	0.76	0.16	12.69	0.00	0.00	3.98	0.00	0.00	17.59	
Bangladesh	-24.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	-24.17	
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Net	-18.67	-0.34	12.69	0.00	0.00	3.98	0.00	0.00	-2.34	

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	50.01	152104	4973	4124	0	15286	2261	124008	1997	147980	152649	482
0:15	50.01	151235	4958	3995	0	14460	2256	124565	2026	147240	152260	482
0:30	50.01	150537	4961	4012	0	14577	2262	123814	2033	146525	151659	509
0:45	50.06	149214	4970	3940	0	13872	2249	123599	1999	145274	150629	512
1:00	49.96	148301	4965	3812	0	13405	2262	123220	2005	144489	149669	531
1:15	50.01	147216	4957	3828	0	13221	2260	122357	2034	143388	148657	489
1:30	49.96	146242	4964	3782	0	13192	2252	121457	2053	142460	147700	532
1:45	49.96	145657	4955	3812	0	13049	2261	120698	2088	141845	146863	518
2:00	49.96	144325	4941	3743	0	13004	2267	119625	2037	140582	145617	536
2:15	49.96	143867	4957	3855	0	12896	2269	119473	2017	140012	145467	526
2:30	49.96	143369	4954	3729	0	13099	2261	118841	2045	139640	144929	539
2:45	49.96	142676	4964	3637	0	13458	2259	117765	2016	139039	140499	504
3:00	49.96	142020	4944	3518	0	13472	2261	117284	2063	138502	143542	479
3:15	49.96	142097	4968	3449	0	13840	2259	117142	1985	138648	143643	479
3:30	49.96	141799	4966	3504	0	13740	2248	116991	2026	138295	143475	462
3:45	49.96	142322	4958	3447	0	13840	2252	117194	2089	138875	143780	456
4:00	50.06	142518	4949	3386	0	13934	2251	117039	2103	139132	143662	444
4:15	50.01	143504	4973	3388	0	14514	2247	117428	2035	140116	144585	456
4:30	50.01	145248	4963	3346	0	14772	2252	118969	2006	141902	146308	462
4:45	50.06	146848	4974	3390	0	14369	2259	120828	2081	143458	147901	456
5:00	50.06	146838	4970	3375	50	14665	2222	122548	2099	145213	149939	421
5:15	50.06	152165	4977	3401	47	15196	2228	125643	2047	148717	153539	433
5:30	50.06	152927	4971	3310	45	15791	2234	128706	2024	151942	157081	458
5:45	50.01	158517	4965	3414	49	16916	2245	131092	2055	155054	160736	412
6:00	50.11	160828	4970	3401	74	19003	2236	131556	2048	157353	163288	428
6:15	50.06	163693	4995	3491	95	20471	2209	133057	2042	160107	166360	429
6:30	50.01	167837	4899	3445	255	21908	2229	135769	2030	164137	170535	423
6:45	50.01	170905	4893	3452	912	2222	2244	137765	2049	166541	173527	485
7:00	50.01	173224	4895	3440	2372	22101	2249	138617	2056	167412	175730	412
7:15	50.01	175268	4890	3495	2269	2265	137571	2085	166762	177586	418	
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8:00	50.12	173625	4919	3180	20311	17191	2241	125499	2150	150134	175491	454
8:15	50.01	175194	4926	2776	27126	16114	2252	121269	2103	145292	176566	542
8:30	49.96	176403	4946	2455	33651	15283	2252	116719	2124	140297	177430	560
8:45	49.96	178308	4956	2334	39552	14936	2270	113242	2118	136422	179408	557
9:00	50.01	178036	4958	2165	44773	13957	2264	108555	2209	131098	178881	560
9:15	49.96	180559	4978	1969	49630	14162	2278	106102	2220	128960	181339	613
9:30	49.96	180896	4961	1942	52558	14348	2254	103710	2204	126396	181977	629
9:45	49.96	181459	4958	2019	55604	13650	2262	101525	2292	123836	182310	617
10:00	50.01	181256	4880	2169	57944	12649	2220	99444	2331	121143	181637	644
10:15	49.96	180261	4885	2528	58736	11890	2239	98814	2290	188997	181382	562
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11:15	50.01	177289	4868	2463	58725	10887	2218	96745	2333	161601	178229	707
11:30	49.96	177012	4883	2387	58396	10965	2231	96697	2306	162229	177865	623
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12:00	49.96	175255	4868	2256	56922	10889	2232	96801	2311	160677	176279	632
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12:30	49.91	174140	4868	2134	55045	10934	2231	97572	2252	169661	175036	626
12:45	49.86	173675	4863	2106	54452	10942	2248	97774	2234	171717	174619	635
13:00	50.06	170874	4863	2070	54329	10570	2192	95636	2232	114475	171892	561
13:15	49.96	168322	4863	2080	53147	9564	2211	95070	2301	131095	169236	532
13:30	50.01	168277	4870	2086	53335	9636	2229	94738	2208	12856	169102	498
13:45	49.96	169460	4873	2082	53639	9644	2214	95549	2220	137339	170221	517
14:00	50.01	170781	4857	2111	53815	9728	2283	96501	2213	114855	171508	491
14:15	49.91	170979	4866	2195	53279	10234	2300	96721	2179	115505	171774	507
14:30	49.96	173325	4860	2309	54595	10349	2373	97506	2174	116421	174166	509
14:45	49.91	174778	4862	2377	53880	10946	2550	98404	2262	118521	175281	480
15:00	49.96	175832	4863	2426	53034	11394	2600	100106	2160	120372	176583	498
15:15	50.01	175767	4866	2564	49998	11841	2588	102544	2128	123205	176529	482
15:30	50.01	177371	4848	2582	45921	12153	2593	107831	2222	128868	178150	471
15:45	50.01	178163	4858	2609	41369	12880	2599	112824	2124	134185	179263	429
16:00	49.96	178188	4869	2749	36407	13494	2607	117194	2146	139032	179466	415
16:15	49.96	175381	4862	2818	31145	14307	2549	118980	2103	141418	176764	371
16:30	49.96	176441	4861	2866	24997	15202	2590	125412	2075	148578	178003	374
16:45	49.97	177058	4844	2894	18674	17322	2605	130698	2060	155490	179097	333
17:00	50.07	178568	4844	2914	12699	19464	2580	136400	2062	162955	180963	236
17:15	49.96	179964	4816	2892	6768	21354	2605	141578	2072	169384	183005	245
17:30	49.92	185339	4852	2974	3792	23982	2912	147710	2018	178573	188240	211
17:45	49.92	188492	4847	3114	1559	26819	3094	150173	2000	183819	191610	283
18:00	50.07	191115	4864	3355	764	28984	3258	151262	2051	186996	194538	269
18:15	50.02	192448	4869	3510	416	31067	2998	150786	2054	188522	195700	291
18:30	50.07	192424	4859	3662	366	30842	2751	151010	2032	188396	195522	230
18:45	50.02	191386	4863	3783	333	29779	2622	150407	2037	187270	193824	236
19:00	50.02	187880	4878	3884	309	28175	2404	148775	2066	183687	190491	231
19:15	50.02	184818	4880	4012	91	27274	2215	146826	2049	180715	187347	254
19:30	49.97	181720	4875	4017	0	26509	2083	144354	2016	177703	183854	255
19:45	49.92	179334	4873	4076	0	26594	1848	141838	2025	175258	181254	301
20:00	50.06	175753	4875	4062	0	24671	1847	139862	2065	1		