



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,

- 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, लापलंग, 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 07.11.2025.

महोदय/Sir,

आईईजीसी-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 7-नवंबर-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 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
	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
WR	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
	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
SR	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
	Puducherry	425	0	9.6	9.1	-0.1	52	0.00
	Bihar	5173	0	99.9	83.2	-0.1	631	0.00
ER	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

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: 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	BIHARSHARIFF-BALIA	2	276	185	0.9	0.0	0.9
12	400 kV	MOTIHARI-GORAKHPUR	2	0	524	0.0	7.4	-7.4
13	400 kV	BIHARSARIFF-SAHUPURI	2	127	449	0.0	4.4	-4.4
14	220 kV	SAHUPURI-KARMANASA	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-JACDALPUR	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-UC	2	611	912	0.0	0.9	-0.9
5	220 kV	BALIMELA-UPPER-SILERRU	1	27	0	0.4	0.0	0.4
ER-SR						0.4	96.2	-95.9
Import/Export of ER (With NER)								
1	400 kV	BINAGURI-BONGAIGAON	2	0	508	0.0	9.1	-9.1
2	400 kV	ALIPURDUAR-BONGAIGAON	2	0	731	0.0	12.0	-12.0
3	220 kV	ALIPURDUAR-SALAKATI	2	0	163	0.0	2.7	-2.7
ER-NER						0.0	23.8	-23.8
Import/Export of NER (With NR)								
1	HVDC	BISWANATH CHARIAL-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	30.9	1.2	29.6
10	765 kV	VINDHYACHAL-VARANASI	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	MEHGAON-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	BHADRAWATI 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	0.0	2.2	-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	
	ER	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-BIRPARA 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 SCHEDULE

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	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	0.00	-24.49
Myanmar	0.00	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	0.00	3.88	0.00	0.00	-0.79

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)
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	144568	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	162164	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
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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	168275	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
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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
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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
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13:00	50.03	173674	4857	1602	53981	10671	2310	97567	2255	118091	173243	416
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13:30	49.98	171124	4855	1485	52120	9826	2276	97728	2302	117519	170592	439
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17:15	49.99	183837	4937	2475	7260	21919	3317	143724	2024	174102	185656	261
17:30	50.03	188118	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
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20:00	50.03	179356	4967	3573	0	26380	2452	141449	2060	175783	180881	468
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21:00	49.98	170591	4964	3397	0	21633	2257	137541	2047	167194	171839	507
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21:30	50.06	166740	4981	3602	0	19746	2229	135490	2022	163138	168070	471
21:45	50.01	165318	4971	3631	0	19042	2254	134361	2037	161687	166296	502
22:00	50.07	163056	4967	3720	0	18502	2224	132356	2054	159336	163823	501
22:15	49.96	163023	4971	3737	0	18665	2243	132130	2001	159286	163747	537
22:30	50.01	161919	4961	3773	0	18546	2255	130995	2002	158146	162532	542
22:45	49.96	160866	4963	3862	0	17888	226					