

## 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, क़तुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

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दिनांक: 16.04.2025

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

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, 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 15.04.2025.

महोदय/Sir,

आई॰ई॰जी॰सी॰-2023 की धारा स.-38(1) के प्रावधान के अनुसार, दिनांक 15-अप्रैल-2025 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा॰भा॰प्रे॰के॰ की वेबसाइट पर उप्लब्ध 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 15.04.2025, is available at the NLDC website.

धन्यवाद, Thanks

## ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली



Date of Reporting: 16-Apr-2025

Report for previous day

Δ	Power	Sunnly	Position	of All	India	and	Regional	level
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	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at	64323	70007	52360	24615	2778	214083
20:00 hrs; from RLDCs)	04323	70007	52300	24015	2//8	214083
Peak Shortage (MW)	0	0	0	0	0	0
Energy Met (MU)	1333	1708	1256	531	53	4881
Hydro Gen (MU)	178	56	68	26	10	338
Wind Gen (MU)	10	158	51	-	-	220
Solar Gen (MU)*	207.37	148.83	147.01	3.97	0.74	508
Energy Shortage (MU)	0.00	0.52	0.00	0.08	0.00	0.60
Maximum Demand Met During the Day (MW)	65440	77001	59418	25309	3014	215142
(From NLDC SCADA)	05440	77001	59418	25309	3014	215142
Time Of Maximum Demand Met	19:50	15:52	14:46	23:04	18:33	19:30

B. Frequency Profile (%)

Diffequency Frome (	Diffequency from (70)										
Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05				
All India	0.028	0.00	0.19	3 14	3 32	81 22	15 46				

C. Power Supply Position in States

oner suppry 1	osition in States	Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum		Schedule	` ' ' ' ' '		Shortage (MU
		day (MW)	Demand (MW)	(MU)	(MU)	(MU)	(MW)	
	Punjab	9388	0	180.9	77.4	-0.4	421	0.00
	Haryana	9085	0	176.0	124.8	-0.9	358	0.00
	Rajasthan	14224	0	303.3	102.9	-2.2	536	0.00
	Delhi	5066	0	105.9	97.0	-2.2	120	0.00
NR	UP	23183	0	428.8	136.5	-0.9	434	0.00
	Uttarakhand	2222	0	46.4	34.1	0.2	88	0.00
	HP	1411	0	29.2	10.4	-0.7	336	0.00
	J&K(UT) & Ladakh(UT)	2649	0	53.7	41.9	-1.5	215	0.00
	Chandigarh	244	0	4.9	4.9	0.1	21	0.00
	Railways_NR ISTS	213	0	4.2	3.9	0.3	45	0.00
	Chhattisgarh	6449	0	143.3	90.1	0.9	448	0.00
	Gujarat	25462	0	499.0	188.5	-2.3	1378	0.00
	MP	13768	0	305.9	176.5	1.7	1035	0.52
WR	Maharashtra	29601	0	678.0	229.0	3.6	575	0.00
	Goa	792	0	17.4	16.8	0.0	57	0.00
	DNHDDPDCL	1318	0	30.3	30.3	0.0	35	0.00
	AMNSIL	816	0	18.2	8.2	0.2	324	0.00
	BALCO	532	0	12.7	12.7	0.0	13	0.00
	RIL JAMNAGAR	160	0	3.2	3.2	0.0	0	0.00
	Andhra Pradesh	11079	0	227.7	68.9	-0.6	485	0.00
	Telangana	12190	0	248.0	105.6	-0.5	526	0.00
SR	Karnataka	15029	0	297.6	121.5	-2.8	1466	0.00
	Kerala	4926	0	92.1	76.9	0.0	366	0.00
	Tamil Nadu	18582	0	380.6	249.7	-2.2	904	0.00
	Puducherry	481	0	10.3	10.4	-0.1	34	0.00
	Bihar	6139	0	113.3	100.3	2.0	397	0.08
	DVC	3185	0	67.3	-37.9	0.0	517	0.00
	Jharkhand	1656	0	36.3	28.9	-0.5	363	0.00
ER	Odisha	5704	0	116.9	26.9	-1.7	496	0.00
	West Bengal	9649	0	195.3	63.2	-2.3	457	0.00
	Sikkim	94	0	1.4	1.5	-0.1	39	0.00
	Railways ER ISTS	20	0	0.2	0.2	-0.1	3	0.00
	Arunachal Pradesh	170	0	2.6	2.8	-0.2	31	0.00
	Assam	1793	0	31.8	25.3	0.3	133	0.00
	Manipur	212	0	2.6	2.7	-0.1	29	0.00
NER	Meghalaya	330	0	5.8	3.9	-0.3	96	0.00
	Mizoram	134	0	2.2	1.8	-0.1	24	0.00
	Nagaland	142	0	2.5	2.6	-0.1	20	0.00
	Tripura	268	0	5.9	4.7	0.2	39	0.00

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

D. Transnational Exchanges (MC) - Import(+ve)/Export(-ve)									
	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh					
Actual (MU)	-5.3	-12.8	-22.9	-20.1					
Doy Pools (MW)	420.0	702.0	001.0	1201 0					

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	153.4	-243.0	216.5	-140.0	13.1	0.0
Actual(MU)	139.1	-205.9	194.3	-145.4	12.8	-5.2
O/D/U/D(MU)	-14.3	37.1	-22.2	-5.4	-0.4	-5.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4638	8683	4878	1978	611	20787	47
State Sector	8364	8283	5436	1049	139	23271	53
Total	13002	16966	10314	3027	750	44058	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	806	1551	696	739	10	3803	72
Lignite	24	16	45	0	0	85	2
Hydro	178	56	68	26	10	338	6
Nuclear	26	65	70	0	0	160	3
Gas, Naptha & Diesel	12	40	10	0	24	86	2
RES (Wind, Solar, Biomass & Others)	230	309	239	6	1	784	15
Total	1277	2036	1127	770	45	5256	100
Share of RES in total generation (%)	18.02	15.16	21.16	0.72	1.65	14.91	]
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	34.02	21.08	33.41	4.10	23.05	24.40	

H. All India Demand Diversity Factor

11. All India Demand Diversity Factor	
Based on Regional Max Demands	1.069
Based on State Max Demands	1.107

I. All India Peak Demand and shortage at Solar and Non-Solar Ho	our
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I III India I can Demand and shortage at Solar and I ton Solar IIour								
	Max Demand Met(MW)	Time	Shortage(MW)					
Solar hr	212192	15:51	0					
Non-Solar hr	215142	19:30	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 -> 60.600 to 18:001rs and rest are Non-Solar Hours ->

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

## INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 16-Apr-2025

				•			Date of Reporting:	16-Apr-2025
Sl No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
	Export of ER (V		1					
2	HVDC	ALIPURDUAR-AGRA PUSAULI B/B	2	0	0 47	0.0	0.0 2.4	0.0 -2.4
3	765 kV	GAYA-VARANASI	2	777	995	0.0	7.4 7.2	-7.4
5	765 kV 765 kV	SASARAM-FATEHPUR GAYA-BALIA	1	269 112	632 726	0.0	9.1	-7.2 -9.1
6		PUSAULI-VARANASI	1	0 47	140	0.0	1.4 0.8	-1.4
8	400 kV 400 kV	PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR	2	778	94 534	0.0	1.5	-0.8 -1.5
9	400 kV 400 kV	PATNA-BALIA NAUBATPUR-BALIA	2 2	303 217	919 298	0.0	11.8 3.9	-11.8 -3.9
11		BIHARSHARIFF-BALIA	2	508	298	2.1	0.0	2.1
12	400 kV 400 kV	MOTIHARI-GORAKHPUR	2 2	267 299	474 373	0.0	4.9 2.4	-4.9
13 14	220 kV	BIHARSARIFF-SAHUPURI SAHUPURI-KARAMNASA	1	5	62	0.0	0.7	-2.4 -0.7
15 16	132 kV 132 kV	NAGAR UNTARI-RIHAND GARWAH-RIHAND	1	0 30	0	0.1	0.0	0.1 0.5
17	132 kV	KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
18	132 kV	KARMANASA-CHANDAULI	1	0	0 ER-NR	0.0	0.0 53.4	0.0
Import	Export of ER (V	Vith WR)			EK-NK	2.7	33.4	-50.8
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	775	1198	0.0	7.7	-7.7
3	765 kV 765 kV	NEW RANCHI-DHARAMJAIGARH JHARSUGUDA-DURG	2 2	750 0	714 827	0.0	0.2 14.7	-0.2 -14.7
4	400 kV	JHARSUGUDA-RAIGARH	4	0	824	0.0	14.2	-14.2
6	400 kV 220 kV	RANCHI-SIPAT BUDHIPADAR-RAIGARH	2	99	340 147	0.0	3.3	-3.3 -3.6
7	220 kV	BUDHIPADAR-KORBA	2	47	175	0.0	1.2	-1.2
Import	Export of ER (V	Vid. CD)			ER-WR	0.0	44.7	-44.7
1		JEYPORE-GAZUWAKA B/B	2	0	161	0.0	2.7	-2.7
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1763	0.0	43.2	-43.2
3		ANGUL-SRIKAKULAM TALCHER-I/C	2 2	0 486	3097 975	0.0	52.0 2.2	-52.0 -2.2
5		BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
Import	Export of ER (V	Vith NER)			ER-SR	0.0	97.9	-97.9
1	400 kV	BINAGURI-BONGAIGAON	2	293	363	1.8	0.8	1.0
2	400 kV	ALIPURDUAR-BONGAIGAON	2	472	133	2.3	0.0 0.0	2.3
3		ALIPURDUAR-SALAKATI	. 4	92	28 ER-NER	5.0	0.8	0.9 4.2
	Export of NER	(With NR)					•	
1	HVDC	BISWANATH CHARIALI-AGRA	2	704	0 NER-NR	17.4 17.4	0.0	17.4 17.4
Import	Export of WR (	With NR)			NEA-NR	17,4	1 0.0	17.4
1	HVDC	CHAMPA-KURUKSHETRA	2	0	1504	0.0	48.0	-48.0
3	HVDC HVDC	VINDHYACHAL B/B MUNDRA-MOHINDERGARH	2	49	0 1455	1.2 0.0	0.0 31.0	1.2 -31.0
4	765 kV	GWALIOR-AGRA	2	856	1532	3.8	14.7	-10.9
6		GWALIOR-PHAGI JABALPUR-ORAI	2 2	1469 627	1399 936	7.8 0.0	14.9 12.7	-7.2 -12.7
7	765 kV	GWALIOR-ORAI	1	994	0	15.5	0.0	15.5
9		SATNA-ORAI BANASKANTHA-CHITORGARH	1 2	0 1154	1241 455	9.5	19.8	-19.8 8.3
10	765 kV	VINDHYACHAL-VARANASI	2	0	2497	0.0	38.7	-38.7
11		ZERDA-KANKROLI ZERDA -BHINMAL	1	327 226	53 36	3.1 2.1	0.1 0.1	3.0 2.1
13	400 kV	VINDHYACHAL -RIHAND	1	973	0	20.2	0.0	20.2
14 15	400 kV 400 kV	RAPP-SHUJALPUR NEEMUCH-Chittorgarh	2 2	919 832	217 283	7.0 6.2	0.9 1.2	6.2 5.0
16	220 kV	BHANPURA-RANPUR	1	0	141	0.0	2.7	-2.7
17 18	220 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA	1	0 82	30 0	0.0	2.2 0.0	-2.2 0.9
19	220 kV	MALANPUR-AURAIYA	1	61	0	0.8	0.0	0.8
20 21		GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
					WR-NR	78.2	188.2	-110.0
Import/	E/Export of WR (	With SR) BHADRAWATI B/B	ı	0	1013	0.0	24.0	-24.0
2	HVDC	RAIGARH-PUGALUR	2	0	5008	0.0	83.1	-24.0 -83.1
3	765 kV 765 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2	860	1355 2850	7.0 0.0	4.3 30.5	2.8 -30.5
5	765 kV	WARORA-WARANGAL(NEW)	2	0	2828	0.0	32.4	-32.4
7		KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2	1448 0	0	24.6 0.0	0.0	24.6 0.0
8	220 kV	PONDA-AMBEWADI	1	0	0	0.0	0.0	0.0
9	220 kV	XELDEM-AMBEWADI	1	0	113 WR-SR	2.2	0.0 174.3	2.2 -140 4
<b>=</b>		***	TEDMATION AT EX	CHANCEC	WK-5K	33.9		-140.4
<u> </u>	State:		TERNATIONAL EX		.,			+ve)/Export(-ve) Energy Exchange
	State	Region ER	400kV MANGDECHHU- ALIPURDUAR RECEIP	Name ALIPURDUAR 1,2&3 i.e. Γ (from MANGDECHU	Max (MW) 271	Min (MW)	Avg (MW)	(MII) 3.54
		ER	HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI	I 1,2,4 (& 400kV	-270	81	-144	-3.45
	BHUTAN	ER	RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA)	IEP 6*170MW) RA 1&2 (& 220kV	-254	-154	-205	-4.93
	and this		(from CHUKHA HEP 4*8	34MW)				
		NER			-24	-10	-16	-0.38
		NER	132kV MOTANGA-RAN		-9	3	-3	-0.08
		NR	NEPAL IMPORT (FROM UP)		-69	0	-45	-1.07
	NEPAL	NR	132kV MAHENDRANAG	GAR-TANAKPUR(NHPC)	-69	0	-42	-1.02
		ER	NEPAL IMPORT (FROM	1 BIHAR)	-289	0	-175	-4.20
		ER	400kV DHALKEBAR-MU	UZAFFARPUR 1&2	-503	0	-271	-6.51
		ER	BHERAMARA B/B HVD	C (B'DESH)	-940	-870	-918	-22.04
BA	ANGLADESH	ER (Isolated from Indian Grid)	400kV GODDA_TPS-RA	HANPUR (B'DESH) D/C	-1381	-400	-836	-20.07
		NER	132kV COMILLA-SURA	JMANI NAGAR 1&2	-41	0	-34	-0.82

Export From India (in MU)

		T-GNA									
	GNA (ISGS/PPA)		COLLECTIVE								
Country		BILATERAL TOTAL		IDAM			TOTAL				
			IEX	PXIL	HPX	IEX	PXIL	HPX			
Bhutan	0.00	0.39	2.97	0.00	0.00	2.89	0.00	0.00	6.25		
Nepal	4.09	0.00	2.97	0.00	0.00	3.72	0.00	0.00	10.78		
Bangladesh	22.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.79		
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total Export	26.88	0.39	5.94	0.00	0.00	6.61	0.00	0.00	39.82		

Import by India(in MU)

-26.17

Total Net

-0.39

-5.94

	T-GNA									
	GNA		COLLECTIVE							
Country	(ISGA/PPA)	BILATERAL		IDAM			TOTAL			
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX		
Bhutan	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	
Nepal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
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	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	

Net from India(in MU) -ve : Export / +ve : Import T-GNA GNA COLLECTIVE (ISGS/PPA) BILATERAL IDAM RTM TOTAL Country TOTAL IEX PXIL HPX IEX PXIL HPX 0.71 -0.39 -2.89 0.00 Bhutan -2.97 0.00 0.00 0.00 -5.54 Nepal -4.09 0.00 -2.97 0.00 0.00 -3.72 0.00 0.00 -10.78 -22.79 0.00 0.00 -22.79 0.00 0.00 0.00 0.00 Bangladesh 0.00 0.00 Myanmar 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

0.00

-6.61

0.00

0.00

-39.11

0.00

	Date of Reporting: 16-Apr-2025  15 Min (INSTANTANEOUS) ALL INDIA GRID FREQUENCY, GENERATION & DEMAND MET (SCADA DATA)												
Page			,										NET TRANSNATIONAL
The column   Part		EDECLIENCY	DEMAND	NUCLEAR	WIND	COLAR	HVDBO**	CAS	THERMAI	OTHERS*			
March   Marc	TIME												
March   Marc		(112)	(MW)	(10100)	(10100)	(10100)	(10100)	(10100)	(10100)	(10100)			
10													Export
500   500			(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)			(K)
Sect	0.00	50.04	200921	6295	10012	250	167/11	25/0	162750	2026			-1420
1906   69.99   19028   19028   19029   19029   19029   19029   19029   1448   1308   1309   13092   14092													
100   100	0:30	49.99			10819	333	14681	3205	163819	2033		201177	-1413
1515   68.99   59.007   10.0													
1989   1989													
185	_												
200													
2.50   49.94   186909   6722   10693   902   10790   7926   137956   1992   177968   199314   1-1587   1-1583   1-1599   199314   1-1587   1-1583   1-1599   1-15915	2:00	50.04	189880	6274	10744	405		2974	158980	1978	178731	192621	-1658
1869   1869	_												
100   18677   1673   1007													
1515   14999   149912   1499	_												
1806   1809   18023   1800   1800   1800   1900													
1.500   1.8530   1.8530   1.874   1.8750   1.8750   1.8750   1.8750   1.8750   1.8750   1.8750   1.8750   1.8750   1.8750   1.9751   1.8750   1.9751   1.8750   1.9751   1.9			184252						154101				
March   Marc													
405   6.90   184811   1.0268   10544   465   10010   3023   154463   2009   737822   138698   1.009   1.006													
48.99   18586   6317   10349   455   10648   3091   155110   1398   179021   187868   1.009   1.000	_												
500   186713   18694   10244   10244   10584   1039   15000   2006   779911   188795   1088   1039   1039   10390   1039   1039   10588   2031   105902   2007   78907   193193   10596   10595   10													
525   64.99   189056   6233   9810   439   10888   3031   159082   2077   178807   191320   10096	_												
545   69.94   193264   6333   8792   412   12015   3054   160900   2016   384000   195336   1.099	5:15		189056				10588						
605   60.09   194277   6314   8584   483   12220   3065   186902   2011   185230   137760   1222   635   6													
630 5009 196113 6319 8788 1024 12247 13087 165902 2021 186317 199992 17178 1030 5009 198177 6349 8819 3466 13141 3114 166884 2005 18738 201143 1718 1040 5009 18817 630 1314 1718 1700 5009 198173 6349 8819 3466 13141 3114 166885 2012 185988 201240 17176 1770 500 5009 198173 6349 8819 3819 3456 13141 3114 166885 2012 185988 201240 17176 1770 5009 1770 1770 5009 18818 18318 1314 1314 166885 2012 185988 201240 17176 17176 1717 1718 1718													
59.00   97838   6287   8782   8718   3346   3104   16989   2008   18738   30143   1.178													
500   500   198177   6349													
730   7499   196788   6337   7830   9973   12397   3137   15874   2070   179385   500068   1.749     745   50.04   194702   6353   5964   18634   11731   3188   149696   2108   175404   197584   1.772     746   50.04   194702   6353   5964   18634   11731   3188   149696   2108   175410   197584   1.772     815   40.99   195118   6317   4493   29006   10619   3230   14000   2127   161799   198041   1.719     816   40.99   195118   6317   4493   29006   10619   3230   14000   2127   161799   198041   1.719     816   40.99   195118   6317   4493   29006   10619   3230   14000   2127   161799   198041   1.719     816   40.99   108328   6332   4316   38422   9959   3315   13602   2060   155644   201053   1.745     816   40.99   108328   6332   4316   38422   9959   3315   13602   2060   155644   201053   1.745     816   40.99   108328   6332   4316   38422   9959   3315   13602   2060   155944   201153   1.717     817   40.99   108328   6332   4316   40802   9957   3313   13602   2060   155734   20116   1.719     818   40.99   109328   40.92   44916   5951   3011   12282   2144   151105   20705   1.775     818   40.99   200752   6323   4402   44916   5951   3011   12282   2144   151105   20705   1.775     819   40.99   200752   6237   4056   59294   9056   3277   12969   2179   14313   200947   1.910     810   40.99   200752   6237   4305   59294   9056   3277   12969   2179   14313   200947   1.910     810   40.99   200752   6237   4305   59294   9056   2277   12969   2179   14313   200947   1.916     810   40.99   200752   6237   4305   59294   9056   2277   12969   2179   14313   200947   1.916     810   40.99   200752   6237   4305   59294   9056   2277   12969   2179   14313   200947   1.916     810   40.99   200752   6237   4305   59294   9056   2277   12969   2179   14313   200947   1.916     810   40.99   200752   6237   4305   59294   9056   2277   12969   2179   14313   200947   1.916     810   40.99   200752   6237   4305   63380   13084   20074   20094   200947   1.916     810   40.99   200752   6237						3456		3114			185898		
7.98   99.99   956109   6376   6915   33764   12084   3175   15094   2090   17543   59945   13714   13915   13916   18084   13914   13818   13915   13818   13714   13818   145960   2108   179104   139384   -1796   13915													
57.55         90.04         1990/12         63.35         9964         137.31         31.88         149006         13.99         1991.86         1.77         1.77           81.50         49.99         1993.18         6317         4498         390.60         10833         23.30         140009         121.71         150.799         1990.11         .1719           83.00         49.99         1958.18         6317         4498         290.60         143.93         20.00         149.93         1958.22         23.33         141.00         141.41         183.77         1994.12         1.105           8.45         49.99         1958.22         620.00         148.89         203.00         49.99         203.00         49.99         203.00         49.99         203.00         49.99         203.00         49.99         203.00         49.99         203.00         49.99         203.00         49.93         203.00         41.61         59.90         43.93         13.00         13.92         41.11         13.00         20.00         49.93         200.00         43.93         200.00         43.93         200.00         43.93         200.00         43.93         200.00         43.93         200.00         43.93	_												
1.00   1.00													
8.15 49.99 19518 6317 4493 2906 10839 2300 140009 1217 161799 198041 -1719 1605 1850 49.99 198832 4323 4316 33422 9956 3305 136649 2990 155644 201053 -1745 1605 1856 49.99 198832 6332 4316 33422 9956 3305 136649 2990 155644 201053 -1745 1779 1990 1498 98 200666 6307 4248 48248 9967 3313 134495 1210 135734 203116 17071 1701 1701 1701 1701 1701 1701	_												
9.00 4 99.9 1988.82 633.2 4316 3842.2 999.9 380.5 1366.39 0.990 1556.44 2010.3 1-1761 9.15 48.89 1.00566 6307 4248 42684 9967 3313 134495 1279 132956 205527 1.772 9.16 48.89 0.02736 6277 4225 46545 9965 380.2 134834 1279 132956 205527 1.772 9.17 49.89 0.02946 632 4002 4007 5561 5921 3301 132288 1218 1306 14821 2.00530 1.777 9.18 49.93 0.02645 6290 4.007 5561 5927 1928 1.2161 1316 14821 2.00520 1.945 1.000 49.98 2.00645 2.00 4.007 5561 5927 1.956 1.000 49.98 2.00645 2.00 4.007 5561 5927 1928 1.000 1.000 49.98 2.00645 2.00 4.007 5561 5927 1928 1.000 1.000 49.98 2.00752 6227 4056 5924 9056 3277 1.000 1			195318	6317									-1719
9.99   200666   6907   4248   42664   9967   3113   134695   1102   15774   203116   -1701													
9.30													
9.36													
9.45   9.93   207005   6320   4164   52903   9636   3277   130811   2136   146938   209247   -1810   10.15   49.98   206645   6209   4207   55617   5957   3209   12816   128121   209250   1945   10.15   49.98   206640   6310   4224   57603   9108   3292   126200   2132   144613   208869   -1928   10.36   49.98   206742   6233   4319   60548   9191   3293   124075   2139   141573   2099048   -1964   10.05   50.03   207369   6312   4514   62105   59241   3256   12202   2148   14079   209816   -1962   11.15   50.03   205950   6237   4849   62810   88494   3256   120818   2133   318542   208377   -1986   11.15   50.03   205501   6237   48496   6380   9126   3270   11991   2213   138011   208906   6218   4849													
1918   1918   2064-00   6310   4274   57603   9108   3292   126200   2132   144613   208869   -1928   1936   1938   20742   6233   4319   60548   911   3293   124075   2139   142575   209848   -1996   19109   5303   207360   6312   4514   62105   2941   3254   12222   2128   144070   209816   -1962   1115   50.03   207560   6312   4514   62105   2941   3254   12222   2128   14070   209816   -1962   1115   50.03   205500   6237   4549   62810   8494   3266   120888   2133   138542   208377   -1986   1136   5938   206156   6233   4545   63580   9126   3270   11991   2213   138011   208906   6210   1988   1146   938   206156   6233   4545   63580   9126   3270   11991   2213   138011   208906   62081   4540   6212   8735   306   116837   2144   13887   20812   -1991   1215   4938   203158   6220   4593   60100   7912   3326   118032   2155   134776   206411   -1977   1230   4998   203158   6220   4593   6994   8241   3356   17568   2153   134571   206165   -2001   1246   4993   203158   6220   4593   63954   8241   3356   17568   2222   138477   206165   -2001   1315   4998   200470   6222   4643   63178   7918   3270   11991   2154   133287   200816   -1990   1315   4998   200470   6222   4549   63178   7918   3270   11991   2154   133287   20015   -2005   1315   4998   200470   6222   4549   63178   7918   3270   11991   2154   133287   20015   -2005   1315   4998   200470   6222   4549   63178   7918   3270   11991   2154   133287   200178   -2005   1315   4998   200400   6227   5278   50445   5972   3270   13151   2015   2156   20090   -2005   -	9:45	49.93	207005	6320	4164	52903	9636	3277	130811	2136	149938	209247	-1810
1938   29572   6237   4305   59294   9056   3277   124956   2179   143153   209304   1-1944													
1948   99.8   207442   6283   4319   60548   9191   3293   124075   2139   14275   209848   -1996   -1996   -1990													
1190   50.03   207560   6312   4514   62105   9241   3254   12242   2148   140750   209816   1-1992   11115   50.03   205105   6287   4545   6380   9126   3267   11995   2213   138031   208906   1-1988   1116   40.98   205220   6276   4510   63923   8811   3274   119957   2214   138031   208906   1-1988   1116   40.98   205220   6276   4510   63923   8811   3274   119957   2214   136931   207877   1-1960   1215   49.98   203158   6250   4593   64122   8735   3306   136637   2144   136931   207787   1-1960   1215   49.98   203158   6250   4593   63948   8241   3356   11758   2165   134776   206411   1-1977   1-1960   1246   49.93   203158   6250   4593   63948   8241   3356   11758   2165   134776   206411   1-1977   1-1960   1246   49.93   203054   6244   4611   63931   8438   3272   11715   2175   134512   205806   1-1980   1316   49.98   200407   6223   4663   63178   7918   3274   11758   2125   2124   21347   205806   1-1980   1315   49.98   200407   6223   4663   63178   7918   3274   11758   2124   213287   203378   20212   21346   49.99   202402   6228   4915   61520   9220   3273   117710   2120   135967   204986   -2063   1415   49.92   205666   6227   5278   59445   9782   3270   11591   2154   133287   203378   -2051   1415   49.92   205966   6227   5278   59445   9782   3273   11710   2120   135967   204986   -2063   1415   49.97   208779   6215   5865   64607   64607   65070   7995   3270   18185   2102   213968   209943   -20049   1436   49.97   209797   6251   5856   58607   61007   9795   3270   18185   2102   213968   209943   -20049   1436   49.97   209797   6251   5856   58607   61007   6338   12578   13918   1392   146866   209943   -20049   1456   49.97   209979   6259   6207   51862   20010   3325   13313   1987   15190   21278   20994   -2009   1515   5000   5000   210035   6274   7641   38861   1315   3428   13933   1393   1393   13940   2033   2034   2049   2049   2049   2049   2049   2049   2049   2049   2049   2049   2049   2049   2049   2049   2049   2049   2049   2049   2049   204													
1330   SO03   200516   6273   4545   63580   9126   3270   119919   2213   338011   1208066   1-1968   1145   4998   206210   6276   4510   63923   8813   3274   119857   2141   137887   208812   1-1991   1200   5003   200608   6288   4555   64122   8725   3306   118637   2144   136391   207787   1-1960   1215   49.98   203178   6250   4593   63994   8241   3356   118032   2165   1344776   206411   1-1977   1230   49.98   203158   6250   4593   63994   8241   3356   117568   2163   134571   206165   -2001   1245   49.98   203158   6250   4593   63994   8241   3356   117568   2163   134571   206165   -2001   1245   49.98   203158   6244   4611   63931   8438   3272   117133   2175   134512   2058066   -1980   1315   49.98   200407   6223   4663   63178   7918   3274   115383   2147   132566   2025   203138   200781   6200   20078   6200   20372   6200   20373   200781   6200   20378   20012   20373   200781   20078   20													
1145   49.98   206220   6276   4510   63923   8811   3374   119857   2141   137887   200812   1.1991	11:15	50.03			4549	62810	8494	3266	120838	2133		208377	
12:00   S0.03   20:0068   6228   4555   64120   8735   3306   18637   2144   316361   207787   1:960     12:15   49:98   202178   6250   45:93   65:94   82:41   33:66   117:66   21:63   13:4571   20:6165   -20:01     12:45   49:99   203158   6250   45:93   63:94   82:41   33:66   117:66   21:63   13:4571   20:6165   -20:01     12:45   49:99   203158   62:50   45:93   63:94   82:41   33:66   117:66   21:63   13:4571   20:6165   -20:01     12:45   49:99   20:0054   62:44   46:11   63:931   84:98   32:72   117:13   21:75   13:4512   20:8806   -19:80     13:15   49:98   20:00407   62:23   46:63   63:78   79:18   3274   115:38   21:75   13:4512   20:8806   -20:02     13:15   49:98   20:00407   62:23   46:63   63:78   79:18   3274   115:38   21:47   13:2566   20:278   62:49   32:70   115:71   21:01   13:987   20:03378   -20:12     13:46   49:99   20:002   62:28   49:15   61:520   92:20   3273   117:10   21:00   13:987   20:0938   -20:63     14:15   49:92   20:0059   62:77   50:21   60:70   79:75   32:70   118:158   21:20   13:986   20:553   -20:51     14:15   49:92   20:0059   62:77   50:21   60:70   79:75   32:70   118:158   21:20   13:986   20:553   -20:51     14:15   49:97   20:0079   62:19   54:64   85:803   10:10   30:55   16:003   20:44   41:5282   21:1211   -20:57     14:45   49:97   20:0079   62:15   58:66   54:267   10:32   33:81   12:781   19:12   14:68:66   20:943   -20:09     15:00   50:02   21:0036   62:51   58:56   54:267   10:32   33:51   31:799   20:53   14:9912   21:263   -20:52   15:35   50:00													
1215   49.98   201472   6220   4596   64100   7912   3326   118032   2165   314776   206411   1-1977													
12:20   49:98   203158   6250   4593   63994   8241   3356   117568   2163   134571   206165   -2001													
13:00   50.08   201922   6278   45:49   63:526   83:36   33:82   1163:66   22222   13:347   20:45:19   -2:005     13:15   49:98   20:4007   62:23   46:63   63:178   79:18   32:74   115:383   21:47   13:25:66   20:27:86   -2:002     13:45   49:98   20:2402   62:28   49:15   61:520   92:20   32:73   11:77:10   21:20   13:96:57   20:33:78   -2:012     13:45   49:98   20:2402   62:28   49:15   61:520   92:20   32:73   11:77:10   21:20   13:96:57   20:49:86   -2:06:33     13:46   49:98   20:2402   62:28   49:15   61:520   92:20   32:73   11:77:10   21:20   13:96:57   20:49:86   -2:06:33     14:15   49:92   20:90:69   62:27   52:78   59:44.5   97:82   32:73   12:1410   20:88   14:03:46   20:50:33   -2:05:1     14:15   49:92   20:90:69   62:27   52:78   59:44.5   97:82   32:73   12:1410   20:88   14:03:46   20:75:33   -2:05:1     14:15   49:97   20:87:79   62:19   54:64   58:03:3   10:10:6   30:05   14:05:28   21:11:11   -2:05:7     14:45   49:97   20:87:79   62:19   54:64   58:03:3   10:10:6   30:05   14:05:28   21:11:11   -2:05:7     14:45   49:97   20:94:37   62:15   58:56   54:267   10:42   33:25   13:07:79   20:33   14:99:12   21:26:63   -2:05:2     15:15   50:02   20:99:78   62:59   60:75   51:86:2   10:10   33:25   13:31:31   19:22   14:68:66   20:99:43   -2:04:9     15:30   50:02   21:19:63   62:42   66:45   49:50:00   10:03   32:33   13:13:13   13:13   13:13   13:13   13:13   13:13   13:13   13:13   13:13   13:13   13:13   13:14   13:13   13:14   13:							_						
1315   49.98   200407   6223   4663   63178   7918   3274   115383   2147   125266   202786   -2002   13390   5003   200781   6240   4378   61520   9220   3273   117710   2120   135967   204986   -2063   14400   50.03   20376   6217   5278   59445   9782   3273   117710   2120   135967   204986   -2063   14400   50.03   20376   6217   5278   59445   9782   3273   117710   2120   135967   204986   -2063   14450   49.97   208779   6219   5464   58033   10166   3305   126030   2054   145282   201511   -2057   14454   49.97   208779   6219   5464   58033   10166   3305   126030   2054   145282   211211   -2057   14456   49.97   208779   6219   5464   58033   10166   3305   126030   2054   145282   211211   -2057   1500   50.02   210035   6251   5856   6207   51862   101010   3325   130779   2053   149912   212693   -2052   15155   50.02   209978   6259   6267   51862   101010   3325   130779   2053   149912   212693   -2052   15155   50.02   209978   6259   6267   51862   101010   3325   133131   1987   151990   212781   -2110   15:30   50.02   211087   6249   6857   6752   10987   3396   139167   1983   156258   214555   -2058   1545   49.97   211067   6249   36930   15158   3432   148001   1963   151782   24419   -2029   16155   50.02   211036   6274   7641   33861   13155   3428   139035   1932   166584   204486   -2047   16158   50.02   211683   6269   7940   35030   13157   3476   13247   13297   208490   -2042   16836   49.97   21003   6190   6357   6258   6255   6253   6255   6253   6255   6	12:45	49.93	203054	6244	4611	63931	8438	3272	117135	2175	134512	205806	-1980
13:30   50.03   200781   6240   4787   62707   8249   3270   11:971   21:54   133287   203378   -2012   13:45   49:98   202402   6228   4915   61520   9220   3273   117710   2120   13:967   204986   -2063   14:15   49:92   205698   6227   5278   59445   9782   3273   11:8158   2102   137085   205533   -2051   14:15   49:92   205698   6227   5278   59445   9782   3273   11:8158   2102   137085   205533   -2051   14:15   49:92   205698   6227   5278   59445   9782   3273   11:8158   2102   137085   205533   -2055   14:45   49:97   209437   6219   5464   58033   10166   3305   126030   2054   14:528   11:111   -2057   14:45   49:97   209437   6215   6064   56507   10126   3318   12:5781   1932   14:8666   209943   -2049   15:500   50.02   21:0035   6251   5856   54267   10126   3318   12:5781   1932   14:8666   209943   -2049   15:500   50.02   21:0035   6251   5856   54267   10324   3325   13:3131   1987   15:1909   21:2781   -2110   15:30   50.02   209978   6259   6207   51:862   10010   3325   13:3131   1987   15:1909   21:2781   -2110   15:30   50.02   21:1963   6242   6645   49:060   10508   3349   13:6763   1988   15:6258   21:4555   -2058   15:455   60.02   21:1036   6249   6857   45762   10987   3396   13:9167   1983   15:8468   21:4555   -2058   15:615   50.02   21:1036   62:44   7:104   42:330   11:548   3432   14:801   19:63   16:1782   21:4419   -2029   16:155   50.02   21:1036   62:44   7:104   33:91   11:348   34:32   14:301   19:63   16:1782   21:4419   -2029   16:45   49:97   21:6207   62:60   79:40   35:300   1:537   3476   14:2347   19:23   16:8713   20:8522   -2052   16:45   49:97   21:2003   61:90   83:57   31:049   33:054   35:63   15:3448   18:87   14:274   21:4014   -19:91   17:15   50.07   20:9664   62:15   8867   26:533   13:501   35:63   15:3448   18:87   14:274   21:4014   -19:91   17:15   50.07   20:9664   62:15   8867   26:533   13:501   35:63   15:3448   18:87   17:257   20:490   -20:252   20:522   20:522   20:522   20:522   20:522   20:523   20:533   20:533   20:533   20:533   20:5													
13.45   49.98   20.2402   6228   4915   61520   9220   3273   117710   2120   135967   204986   -2063   14.00   50.03   203076   6217   5021   60970   9795   3270   1176158   2102   137085   205533   -2051   1415   49.92   205069   6227   5278   59445   9782   3273   121410   2088   140346   207503   -2051   1430   49.97   208779   6219   5464   58033   10106   3305   120630   2054   145282   211211   -2057   1445   49.97   209437   6215   6064   56507   10126   3318   125781   1932   144866   209943   -2049   1500   50.02   210035   6251   5856   54267   10432   3325   130779   2053   149912   212963   -2052   1515   50.02   209978   6259   6207   51862   10010   3325   133131   1987   151909   212781   -2110   1530   50.02   211086   6242   6645   49000   10508   3349   136763   1988   156258   214555   -2058   1545   49.97   211087   6249   6857   45762   10987   3396   139167   1983   158468   214401   -2063   15600   50.02   211216   6241   7104   42330   11548   3432   141801   1963   161782   214419   -2029   1615   50.02   211036   6247   7641   33861   11315   3428   139035   1932   164534   208466   -2047   1630   50.02   211036   6274   7641   33861   11315   3428   139035   1932   164534   208466   -2047   1630   50.02   211036   6274   7641   33861   11315   3428   139305   1932   164534   208466   -2047   1630   50.02   21036   6269   7940   35030   11537   3476   145347   1923   168713   208522   -2052   16454   49.97   212003   6190   8357   31049   12303   3524   145132   1935   172597   208490   -2042   17200   50.07   207599   6275   9466   22172   14100   3599   154058   1853   17661   17153   17474   214014   -1991   1715   50.07   207599   6275   9466   22172   14100   3599   154058   1853   17661   17153   17174   17174   17174   17175													
14-00   So.03   203076   6217   So.21   Go.970   9795   3270   11818   2102   137085   205533   -2051   14-15   49.92   205069   6227   5278   59445   5983   10106   3305   126030   2054   145282   211211   -2057   14445   49.97   208779   6219   5464   58033   10106   3305   126030   2054   145282   211211   -2057   14445   49.97   208779   6215   6064   580507   10126   3318   125781   1932   146866   209943   -2049   1500   50.02   210935   6251   5856   54267   10126   3318   125781   1932   146866   209943   -2049   1500   50.02   210938   6259   6207   51862   10010   3325   133131   1987   151909   212781   -2110   1530   50.02   211963   6242   6645   49060   10508   3349   136783   1988   151592   214555   -2058   15455   49.97   211087   6249   6857   45762   10987   3396   139167   1983   158468   214401   -2063   16500   50.02   211036   6274   7641   38861   11315   3428   139035   193167   1983   158468   214401   -2063   16155   50.02   211036   6274   7641   38861   11315   3428   139035   1932   164534   20886   -2047   16330   50.02   211683   6269   7940   35030   11537   3476   142347   1923   168713   208522   -2052   15635   4997   12003   5100   8357   31094   11303   3524   145132   1935   172579   208490   -2042   17700   50.07   209664   6215   8867   26523   13501   3563   155448   1897   174274   214014   -1991   1715   50.07   207669   6275   9466   22172   14100   3599   154058   1853   176061   211523   -1387   17745   50.07   207718   6268   9594   17713   15282   3620   155234   1928   180411   209639   -1127   1745   50.07   207718   6268   9594   17713   15282   3620   155234   1928   180411   209639   -1123   1745   50.07   207718   6268   9594   17713   15282   3620   155234   1928   180411   209639   -1123   1745   50.07   207718   6268   9594   17713   15282   3620   155234   1928   180411   209639   -1123   1745   50.07   207718   6268   9594   17713   15282   3620   155234   1928   180411   209639   -1123   1745   50.07   207718   6268   9594   17713   15282   3620   1													
14:30   49:97   208779   6219   5464   58033   10106   3305   126030   2054   145282   211211   -2057     14:45   49:97   209437   6215   6064   580507   10126   3318   125781   1932   146866   209943   -2049     15:50   50.02   210935   6351   5856   54267   10126   3318   125781   1932   146866   209943   -2049     15:15   50.02   209978   6359   6207   51862   10010   3325   130779   2053   149912   212963   -20512     15:15   50.02   211963   6242   6645   49060   10508   3349   131311   1987   151909   212781   -2110     15:30   50.02   211963   6242   6645   49060   10508   3349   131311   1987   151909   212781   -2110     15:30   50.02   211936   6242   6857   45762   10987   3396   139167   1983   158468   214401   -2063     15:45   49:97   211087   6249   6857   45762   10987   3396   139167   1983   158468   214401   -2063     16:60   50.02   211216   6241   7104   42330   11548   3432   41801   1963   161782   214419   -2029     16:15   50.02   211036   6274   7641   38861   11315   3428   139035   1932   164534   208486   -2047     16:30   50.02   211683   6269   7940   35030   11537   3476   142347   1923   168713   208522   -2052     16:45   49.97   212003   6393   3393   31049   12303   3524   145182   1935   17279   208490   -2042     17:90   50.07   2079664   6215   8867   26523   13501   3563   153488   1897   174274   214014   -1991     17:15   50.07   207718   6268   9594   17713   15282   3620   155234   1928   180411   206639   -1123     17:45   50.07   207718   6268   9594   17713   15282   3620   155234   1928   180411   206639   -1123     17:45   50.07   207718   6268   9594   17713   15282   3620   155234   1928   180411   206639   -1123     17:45   50.07   203716   6238   8872   19340   16281   3611   157672   1928   180411   206639   -1123     17:45   50.07   203716   6238   8872   19340   16281   3611   157672   1928   18387   206303   -1127     18:30   50.08   20637   6230   8921   13400   16297   3670   160510   1886   18362   20593   218611   -932   -1123     19:30   50.08   2	14:00	50.03	203076	6217	5021		9795			2102	137085	205533	
14:45   49:97   209437   6215   60664   56507   10126   3318   125781   1932   146866   209943   -2049   15:00   50:02   210033   6251   5856   54267   10432   3325   330779   2053   149912   219963   -2052   15:15   50:02   209978   6259   6207   51862   10010   3325   133131   1987   15:1903   -2052   13:153   1987   15:1908   13:105   10010   3325   133131   1987   15:1908   12781   -2110   15:30   50:02   21963   6242   6645   49060   10508   3349   13:0673   1988   15:6258   21:4555   -2058   15:45   4997   21:1087   6249   6857   45762   10987   3396   13:9167   1983   15:8468   21:4401   -2063   16:00   50:02   21:1216   6241   71:04   42:330   11:548   3432   14:801   1963   16:1782   21:4419   -2029   16:155   50:02   21:1036   6274   76:41   38861   11:1315   3428   33905   19322   16:453   208486   -2047   16:30   50:02   21:1036   62:49   79:40   35:030   11:537   3476   14:2347   1923   16:8713   208522   -2052   16:45   49:97   21:003   61:90   8357   30:09   12:303   35:24   14:312   1935   17:2597   208490   -2042   17:00   50:07   209666   62:15   8867   26523   13:501   3:563   15:3448   18:97   17:4274   21:014   -19:91   17:15   50:07   207699   62:75   9466   22:172   14:100   35:99   15:5038   18:53   17:6061   21:15:23   -1:387   17:30   50:07   207718   62:80   89:51   13:340   16:281   36:11   15:672   19:28   18:3087   20:6033   -1:127   18:00   50:07   203718   62:30   89:75   59:34   16:869   37:36   16:3102   18:48   188745   20:6054   -972   18:30   50:007   20:3718   62:31   8872   20:966   16:297   3:600   3:60510   18:86   188745   20:6054   -972   18:30   50:007   20:3718   62:30   89:37   16:699   37:36   16:5102   18:48   188745   20:6054   -972   18:30   50:007   20:3718   62:30   89:37   16:699   37:36   16:5102   18:48   188745   20:6054   -972   18:30   50:007   20:3718   62:30   89:37   16:699   37:36   16:5102   18:48   188745   20:6054   -972   18:30   50:007   20:3718   62:30   89:37   16:699   37:36   16:5102   18:48   188745   20:6054   -972   18:30   50:007   20:													
15.00   50.02   210.035   6251   5856   58267   10432   3325   130779   2053   149912   212963   -2052													
15:15   50.02   209978   6299   6207   51862   10010   3325   133131   1987   151909   212781   -2110     15:30   50.02   211963   6242   6645   49060   10508   3349   136763   1988   156258   214555   -2058     15:45   49.97   211067   6249   6857   45762   10987   3396   139167   1983   158468   214401   -2063     15:40   50.02   211216   6241   7104   42330   11548   3432   141801   1963   161782   214419   -2029     16:15   50.02   211036   6274   7641   38861   11315   3428   139035   1932   164532   204419   -2029     16:30   50.02   211036   6274   7641   38861   11315   3428   139035   1932   164532   204846   -2047     16:30   50.02   211036   6190   8357   31049   12303   3524   445132   1933   168713   208522   -2052     17:40   50.07   209664   6215   8867   26523   13501   3563   153448   1887   174274   214014   -1991     17:15   50.07   207786   6268   9594   17713   15882   3620   155234   1928   18041   206639   -1123     17:45   50.07   207718   6268   9594   17713   15882   3620   155234   1928   18041   206639   -1123     17:45   50.07   203736   6230   9027   5934   16869   3736   163102   1848   18874   206512   -1103     18:15   50.02   203706   6220   9027   5934   16869   3736   163102   1848   188745   206746   -972     18:30   50.08   205557   6213   8372   2046   202425   3454   167942   1879   18362   202823   215986   -974     19:90   49.98   212613   6358   8448   1342   24046   4055   169955   1882   202823   215986   -974     19:90   49.98   212613   6358   8448   1342   24046   4055   169955   1882   202823   215986   -974     19:90   49.98   212613   6358   8448   1342   24046   4055   169955   1882   202823   215986   -974     19:90   49.98   212613   6358   8448   1342   24046   4055   169955   1882   202823   215986   -974     19:90   49.98   212613   6358   8448   1342   24046   4055   169955   1882   202823   215986   -974     19:90   49.98   212613   6358   8448   1342   24046   4055   169955   1882   202823   215960   -985     19:90   49.98   21265   6366   6367   636													
15:30   50.02   211963   6242   6645   49060   10508   3349   136763   1988   156258   214555   -2058   15445   49.97   211087   6249   6857   4762   10987   3396   139167   1983   158468   214401   -2063   15600   50.02   211216   6241   7104   42330   11548   3432   141801   1963   161782   214491   -2029   1615   50.02   211036   6274   7641   38861   11315   3428   139035   1932   164534   208486   -2047   1630   50.02   211638   3629   7940   35030   11337   3476   142347   1923   168513   208522   -2052   16454   49.97   212003   6190   8357   31049   12303   3524   145132   1935   172597   208490   -2042   17900   50.07   2076964   6215   8867   526523   13501   3563   153448   1897   174274   214014   -1991   1715   50.07   207699   6275   9466   22172   14100   3599   154058   1853   176661   211523   -1387   17330   50.07   207318   6258   9594   17713   15382   3620   155234   1928   180411   209639   -1123   1745   50.07   205376   6230   9027   5934   16869   3736   165102   1848   18574   206512   -1103   1815   50.02   203706   6230   9027   5934   16869   3736   165102   1848   18874   206746   -972   1830   6258   8783   2046   21425   3845   167942   1879   198124   212209   -946   19900   4987   214543   6238   8484   1342   24046   4055   169955   1882   202575   215424   6224   8113   1064   25593   4033   171668   1882   205935   21586   -974   19915   49.87   214543   6237   8246   1105   25588   4041   170784   1886   205172   217927   -857   1930   50.03   213131   6250   6340   6340   6455   64958   64033   1882   202575   215607   -941   19945   50.03   212132   6246   8773   4573   4574   4													
16:00   50.02   211216   6241   7104   42330   11548   3432   141801   1963   161782   214419   -2029   1615   50.02   211683   6274   7641   38861   11315   3428   343935   1932   164534   208486   -2047   16:30   50.02   211683   6269   7940   35030   11537   3476   142347   1923   168734   208486   -2047   16:30   50.02   211683   6269   7940   35030   11537   3476   142347   1923   168734   208486   -2047   16:30   50.07   207686   6215   8867   26523   35348   18192   714757   208490   -2042   1700   50.07   209664   6215   8867   26523   31501   3563   153448   1897   714727   208490   -2042   1700   50.07   207689   6275   9466   22172   14100   3599   154058   1853   176061   211523   -1387   17390   50.07   207588   6268   5954   17713   15282   3620   155234   1928   18041   209639   -1123   1745   50.07   207538   6250   8951   13340   16281   3611   157672   1928   183087   208033   -1127   18300   50.07   207315   6231   8872   9096   16297   3670   160510   1836   185747   206512   -1103   18315   50.02   203706   6230   9027   59344   18689   3736   163102   18848   18847   206746   -972   18330   50.08   206357   6133   9110   3495   19220   3689   166033   1872   193752   209802   -985   18364   9498   208953   6238   8783   2046   21425   3845   167942   1879   19812   212209   -946   1990   49.98   212613   6258   8448   1342   24046   4055   169995   1882   202823   215986   -974   19915   4987   214523   6236   8205   1101   25875   4042   171155   1936   205619   218510   -951   1948   4998   212132   6246   8773   4577   23475   4043   170766   1985   202902   215135   -942   2030   50.03   211391   6250   8430   1106   25353   4043   170766   1985   202902   215135   -942   2030   50.03   211391   6250   8430   1106   25353   4043   170766   1985   202902   215135   -942   2030   50.03   211321   6246   8773   4577   23475   4043   170766   1985   202902   215135   -942   2030   50.03   211491   6250   8430   1106   452976   4043   169850   1947   200002   213342   -9500   21345   50.0	15:30						10508					214555	
16:15   50.02   211036   6274   7641   38861   11315   3428   139035   1932   164534   208486   -2.047     16:30   50.02   211683   6269   7940   39030   11537   3476   142447   1923   168713   208522   -2.052     16:45   49.97   212003   6190   8357   31049   112303   3524   145132   1935   172527   208490   -2.042     17:00   50.07   2076964   6215   8867   26523   13501   3563   153448   1897   174274   214014   -1991     17:15   50.07   207699   6275   9466   22172   14100   3599   154058   81853   176641   -1991     17:15   50.07   207798   6268   9594   17713   15282   3620   155234   1928   180411   209639   -1123     17:45   50.07   207578   6250   8951   13340   16281   3611   157672   1928   180411   209639   -1123     17:45   50.07   203716   6231   8872   9996   16297   3670   160510   1836   185747   206512   -1103     18:15   50.02   203706   6230   9027   5934   16869   3736   163102   1848   18874   206644   -972     18:30   50.08   206357   6213   9110   3495   19220   3689   366203   1872   19375   209802   -985     18:45   49.98   208953   6228   8783   2046   21425   3845   169945   1882   202823   215986   -974     19:15   49.97   214434   6227   8246   1125   25568   4041   170824   1886   205172   217927   -887     19:30   49.98   214634   6227   8246   1125   25568   4041   170824   1886   205172   217927   -887     19:30   49.98   214925   6226   8205   1101   25383   4033   170168   1882   202632   218611   -932     20:00   50.03   211437   6199   9106   476   22976   4045   169832   1888   201915   214522   -983     20:45   49.92   210549   6142   9433   493   20894   4050   170575   1925   200623   215131   -972     21:15   50.03   207806   6320   6320   6444   438   64055   17077   1948   202022   215133   -972     21:15   49.97   205688   6137   10066   454   18985   4037   170166   1888   202902   215133   -972     21:15   49.97   205688   6137   10066   454   18985   4037   170166   1985   202902   215133   -992     21:15   49.97   20566   6505   10445   4655   21434   4036   1													
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16:45   49.97   212003   6190   8357   31049   12303   3524   145132   1935   172597   208490   -2042	_			_	_								
17:15   50.07   207699   6275   9466   22172   14100   3599   154058   1853   176061   211523   -1387     17:30   50.07   207718   6268   9594   17713   15282   3620   155234   1928   180411   209639   -1123     17:45   50.07   205378   6250   8951   13340   16281   3611   157672   1928   183087   208033   -1127     18:00   50.07   203715   6231   8872   9996   16297   3670   160510   1836   185747   206512   -1103     18:00   50.07   203715   6231   8872   9996   16297   3670   160510   1836   185747   206512   -1103     18:15   50.02   203706   6230   9077   5934   16869   3736   163102   1848   18874   206746   -972     18:30   50.08   206357   6213   9110   3495   19220   3689   166203   1872   193752   209802   -985     18:45   49.98   208553   6289   8783   2046   21425   3845   167942   1879   198124   212209   -946     19:00   49.98   212613   6258   8448   1342   24046   4055   169955   1882   202823   215986   -974     19:15   49.87   214543   6237   8246   1125   25568   4041   170824   1886   205172   217927   -857     19:30   49.87   215142   6224   8113   1094   25593   4037   171668   1882   200523   216611   -932     19:45   49.98   214253   6266   8773   457   23475   4042   171125   1936   205619   218510   -951     20:30   50.03   212132   6246   8773   457   23475   4043   170156   1985   202020   215133   -942     20:30   50.03   212132   6246   8773   457   23475   4043   170156   1985   202020   215133   -942     20:30   50.03   20780   6132   9844   443   20412   4043   169918   1910   199493   212702   -957     21:10   50.03   20780   6132   9844   443   20412   4043   169918   1910   199493   212702   -957     21:15   50.03   210652   6092   10187   445   20747   6046   168755   1940   199752   213304   -1051     21:45   50.08   210662   6095   10445   4456   21143   4036   169125   1940   199752   213404   -1051     21:45   50.08   210662   6095   10445   4456   20747   4049   168975   1949   109493   212702   -957     21:15   50.03   210662   6095   10445   4456   20747   4049   16													
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17-45   50.07   205378   6250   8951   13340   16281   3611   157672   1928   183087   208033   -1127													
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19:15   49:87   214543   6227   8246   1125   25558   4041   170824   1886   205172   217927   8-857													
19:30   49.87   215142   6224   8113   1094   25593   4037   171668   1882   205935   218611   932													
1945   49.98   214925   6226   8205   1101   25875   4042   171125   1936   205619   218510   9-951													
20:15         50.03         212132         6246         8773         457         23475         4043         170156         1985         202902         215135         -942           20:30         50.03         211497         6199         9106         476         22976         4043         180832         1888         201915         214522         -933           20:45         49.92         210549         6142         9433         493         20894         4050         170575         1925         200632         213512         -972           21:00         50.03         209780         6132         9844         443         20412         4043         169918         1910         199493         212702         -957           21:15         49.97         209688         6137         10086         454         19895         4037         170079         1911         199148         212599         -1043           21:30         50.03         210662         6052         10187         445         20747         4034         169890         1947         200020         213342         -1051           22:200         50.03         210665         6997         19984         428				6226	8205	1101		4042				218510	
2030   50.03   211497   6199   9106   476   22976   4045   169832   1888   201915   214522   983													
20:45   49:92   210:549   6142   9433   493   20:894   40:50   170:575   1925   20:0623   213:512   972													
1.10   50.03   209780   6132   9844   443   20412   4043   169918   1910   199493   212702   9.957	_												
21:15         49.97         209688         6137         10086         45.4         19895         4037         170079         1911         199148         212599         -1043           21:30         50.03         210652         6992         10187         445         20747         4034         168980         1947         20020         213342         -1050           21:45         50.08         210662         6050         10445         465         21143         4036         169125         1940         199752         213204         -1051           22:15         49.93         212276         5930         10667         411         21976         4026         168775         1889         198854         213098         -1030           22:36         49.93         213272         5926         10617         433         22295         4047         173371         1915         202222         216604         -1016           22:45         49.93         213272         5926         10617         433         22295         4047         173371         1918         202222         216604         -1016           23:30         50.03         213622         5893         10517         430 <td></td>													
21:45         50.08         21:0662         6050         10445         465         21:143         4036         169125         1940         199752         21:3204         -1051           22:00         50.03         210266         5997         10984         428         20976         4049         168775         1889         19854         21:3098         -1030           22:30         49.93         21:2477         5930         10667         411         21:976         4026         170483         1882         20:1399         21:375         -1035           22:36         49.93         21:3772         5926         10617         433         22:295         4047         17:371         1915         202222         216604         -1016           23:40         50.03         213003         5981         10518         428         21328         3953         17:371         1928         20204         21:590         -1024           23:40         50.03         213003         5893         10517         430         21582         3992         17:1264         1967         202076         21:5545         -1198           23:30         50.03         213667         5887         10103         <		49.97			10086	454	19895			1911			-1043
22:00         50.03         210266         5997         10984         42.8         20976         4049         168775         1889         198854         213098         -1030           22:15         49.93         212477         5930         10667         411         21976         4026         170483         1882         201399         215375         -1035           22:30         49.93         213275         5926         10617         433         22295         4047         173371         1915         202222         216604         -1016           22:45         49.93         212980         5898         10518         42.8         21328         3953         171737         1928         202034         215790         -1024           23:00         50.03         212607         5887         10103         438         21397         3871         171395         1929         20216         215020         -1287           23:30         50.03         211449         5864         10196         418         20481         38893         171605         1929         202185         21386         -1252           23:36         50.03         210420         5844         10284         407 </td <td></td>													
22:15         49:93         21:2477         5930         10667         41:1         21:976         4026         17:0483         1882         201399         21:3375        1035           22:30         49:93         21:3772         5926         10617         433         22:295         4047         171371         1915         202222         216604        1016           22:45         49:93         21:290         5898         10518         428         21:328         3993         17:737         1928         202034         21:5790        1024           23:00         50.03         21:3023         5893         10517         430         21:582         3892         17:1264         1967         202076         21:5545        198           23:315         50.03         21:647         5887         10103         438         21:397         3871         17:395         1929         20106         21:5020         -12:52           23:30         50.03         21:449         5864         10196         418         20481         3893         17:1605         1929         20035         21:4386         -1252           23:36         50.03         21:449         5864         10284 <td>_</td> <td></td>	_												
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<sup>\*</sup>Others include (i) Biomass from Punjab (ii) Some of the state sec

\*\* Hydro generation is excluding Bhutan hydro.

\*\*\*Bhutan hydro is accounted for in net transnational exchange.

Disclaimer:

1. The information provided is for general informational purposes only.

2. The data is provided "as is" without any guarantees or warranties.

3. All Data is operational SCADA data telemetered and reporting at NLDC through RLDC/SLDC.

4. Data is subject to errors due to telemetry loss/freex/garbage value etc.

5. Demand met and RE generation data is incident on transmission systems. Resources in distribution system plus behind the meter (BTM) generation excluded.

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6. Users are advised to ensure its accuracy, completeness and relevance for their purposes, and, in this respect, GRIO-NDIA shall not be responsible for any errors or omissions.