



**National Load Despatch Centre**  
**राष्ट्रीय भार प्रेषण केंद्र**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
**पावर सिस्टम ऑपरेशन कारपोरेशन 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: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 8<sup>th</sup> June 2022

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
- 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 07.06.2022.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07-जून-2022 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके की वेबसाइट पर उपलब्ध है।

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 07<sup>th</sup> June 2022, is available at the NLDC website.

धन्यवाद,

पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली



Report for previous day

Date of Reporting: 08-Jun-2022

A. Power Supply Position at All India and Regional level

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	65721	60342	43616	23765	3050	196494
Peak Shortage (MW)	110	0	0	363	40	513
Energy Met (MU)	1579	1471	1011	558	58	4676
Hydro Gen (MU)	301	27	68	90	26	512
Wind Gen (MU)	69	153	158	-	-	381
Solar Gen (MU)*	110.23	52.21	97.32	5.31	0.54	266
Energy Shortage (MU)	14.68	0.00	0.00	4.02	0.18	18.88
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	70121	66301	46605	24839	3119	206539
Time Of Maximum Demand Met (From NLDC SCADA)	22:30	14:56	16:00	23:25	19:26	14:51

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	0.036	0.00	0.72	5.93	6.64	78.25	15.10

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	10246	0	226.2	104.1	-0.6	192	0.00
	Haryana	10079	0	215.8	143.3	1.6	202	0.00
	Rajasthan	15109	0	318.8	87.4	0.8	362	2.10
	Delhi	6797	0	138.3	128.1	-1.0	284	0.00
	UP	25755	410	532.9	261.5	3.2	895	10.24
	Uttarakhand	2406	0	51.9	30.7	1.4	179	0.97
	HP	1648	0	35.6	6.9	0.1	114	0.00
	J&K(UT) & Ladakh(UT)	2036	100	51.9	26.5	1.4	284	1.37
WR	Chhattisgarh	380	0	7.6	7.2	0.4	54	0.00
	Gujarat	4546	0	109.3	62.1	0.4	258	0.00
	Maharashtra	21189	0	446.8	205.4	1.6	834	0.00
	MP	11445	0	263.9	135.2	0.0	426	0.00
	Goa	26425	0	591.5	187.4	-2.1	721	0.00
	DNHDDPDCL	649	0	14.4	13.7	0.2	42	0.00
	AMNSIL	1216	0	28.4	28.1	0.3	68	0.00
SR	Andhra Pradesh	758	0	16.6	12.2	0.0	270	0.00
	Telangana	9742	0	201.8	61.7	0.2	886	0.00
	Karnataka	9283	0	188.5	61.4	1.7	512	0.00
	Kerala	9560	0	195.6	27.6	-0.8	1125	0.00
	Tamil Nadu	3804	0	78.8	56.0	-0.2	203	0.00
	Puducherry	15791	0	337.3	155.8	-2.8	680	0.00
	Bihar	419	0	8.8	9.3	-0.6	38	0.00
ER	Bihar	6315	0	127.4	117.6	-1.1	286	0.00
	DVC	3451	0	74.6	-43.5	-0.7	329	0.00
	Jharkhand	1650	0	33.2	25.3	0.5	177	4.02
	Odisha	6069	0	126.5	58.3	1.9	584	0.00
	West Bengal	9352	0	194.2	73.6	0.5	585	0.00
	Sikkim	103	0	1.6	1.7	-0.1	20	0.00
NER	Arunachal Pradesh	147	0	2.5	2.5	0.0	53	0.00
	Assam	2055	0	37.8	30.5	0.8	225	0.11
	Manipur	198	0	2.7	2.6	0.1	33	0.00
	Meghalaya	322	0	5.6	0.6	0.3	70	0.07
	Mizoram	102	0	1.8	1.6	0.1	31	0.00
	Nagaland	125	0	2.4	2.1	0.0	27	0.00
	Tripura	255	0	5.2	3.9	0.6	94	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	19.6	3.1	-25.5
Day Peak (MW)	1287.0	246.1	-1092.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	300.1	-148.8	-32.6	-119.5	0.8	0.0
Actual(MU)	284.4	-141.8	-43.3	-109.4	1.4	-8.6
OD/UD(MU)	-15.7	7.1	-10.6	10.1	0.6	-8.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	2961	10883	6138	1610	1032	22624	45
State Sector	8115	10851	6800	1640	160	27565	55
Total	11076	21734	12938	3250	1192	50189	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	755	1364	592	613	16	3339	69
Lignite	17	10	51	0	0	78	2
Hydro	301	27	68	90	26	512	11
Nuclear	13	23	67	0	0	104	2
Gas, Naptha & Diesel	28	30	8	0	19	86	2
RES (Wind, Solar, Biomass & Others)	193	206	302	5	1	706	15
Total	1307	1659	1088	708	62	4824	100
Share of RES in total generation (%)	14.76	12.39	27.78	0.75	0.87	14.64	
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	38.80	15.41	40.18	13.51	42.90	27.40	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.022
Based on State Max Demands	1.062

Diversity factor = Sum of regional or state maximum demands / All India maximum demand

\*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-Jun-2022

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	372	0.0	8.6	-8.6
2	HVDC	PUSAULI B/B	-	0	49	0.0	1.3	-1.3
3	765 kV	GAYA-VARANASI	2	103	437	0.0	3.8	-3.8
4	765 kV	SASARAM-FATEHPUR	1	0	387	0.0	6.9	-6.9
5	765 kV	GAYA-BALIA	1	0	761	0.0	13.4	-13.4
6	400 kV	PUSAULI-VARANASI	1	38	45	0.1	0.0	0.1
7	400 kV	PUSAULI-ALLAHABAD	1	0	95	0.0	1.2	-1.2
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	0	912	0.0	15.9	-15.9
9	400 kV	PATNA-BALIA	2	0	631	0.0	13.3	-13.3
10	400 kV	NAUBATPUR-BALIA	2	0	675	0.0	13.9	-13.9
11	400 kV	BHARSHARIFF-BALIA	2	0	587	0.0	10.1	-10.1
12	400 kV	MOTIHARI-GORAKHPUR	2	0	482	0.0	8.9	-8.9
13	400 kV	BHARSHARIFF-VARANASI	2	11	290	0.0	4.1	-4.1
14	220 kV	SAHUPUR-KARMANASA	1	0	185	0.0	2.9	-2.9
15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.1	0.0	0.1
16	132 kV	GARWAH-RIHAND	1	25	0	0.5	0.0	0.5
17	132 kV	KARMANASA-SAHUPURI	1	0	63	0.0	0.0	0.0
18	132 kV	KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
ER-NR						0.7	104.2	-103.5
<b>Import/Export of ER (With WR)</b>								
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	629	0	27.7	0.0	27.7
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1100	0	15.3	0.0	15.3
3	765 kV	JHARSUGUDA-DURG	2	0	314	6.5	0.0	6.5
4	400 kV	JHARSUGUDA-RAIGARH	4	0	312	0.0	6.9	-6.9
5	400 kV	RANCHI-SIPAT	2	212	30	2.5	0.0	2.5
6	220 kV	BUDHIPADAR-RAIGARH	1	5	100	0.0	1.1	-1.1
7	220 kV	BUDHIPADAR-KORBA	2	91	40	0.4	0.0	0.4
ER-WR						52.4	8.0	44.4
<b>Import/Export of ER (With SR)</b>								
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	426	0.0	9.5	-9.5
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1484	0.0	31.1	-31.1
3	765 kV	ANGUL-SRIKAKULAM	2	0	2590	0.0	41.8	-41.8
4	400 kV	TALCHER-J/C	2	810	0	13.8	0.0	13.8
5	220 kV	BALIMELA-UPPER-SILERRU	1	2	0	0.0	0.0	0.0
ER-SR						0.0	82.4	-82.4
<b>Import/Export of ER (With NER)</b>								
1	400 kV	BINAGURI-BONGAIGAON	2	31	388	0.0	4.6	-4.6
2	400 kV	ALIPURDUAR-BONGAIGAON	2	0	592	0.0	6.2	-6.2
3	220 kV	ALIPURDUAR-SALAKATI	2	0	122	0.0	1.6	-1.6
ER-NER						0.0	12.4	-12.4
<b>Import/Export of NER (With NR)</b>								
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	502	0.0	12.8	-12.8
NER-NR						0.0	12.8	-12.8
<b>Import/Export of WR (With NR)</b>								
1	HVDC	CHAMPA-KURUKSHETRA	2	0	2004	0.0	47.9	-47.9
2	HVDC	VINDHYACHAL B/B	-	271	0	7.3	0.0	7.3
3	HVDC	MUNDRU-MOHINDERGARH	2	0	1015	0.0	21.2	-21.2
4	765 kV	GWALIOR-AGRA	2	0	2323	0.0	34.6	-34.6
5	765 kV	GWALIOR-PHAGI	2	0	1522	0.0	21.2	-21.2
6	765 kV	JABALPUR-ORAI	2	0	1097	0.0	33.6	-33.6
7	765 kV	GWALIOR-ORAI	1	665	0	10.6	0.0	10.6
8	765 kV	SATNA-ORAI	1	0	1102	0.0	22.1	-22.1
9	765 kV	BANASKANTHA-CHITORGARH	2	1217	478	6.6	0.0	6.6
10	765 kV	VINDHYACHAL-VARANASI	2	0	3395	0.0	52.8	-52.8
11	400 kV	ZERDA-KANKROLI	1	411	0	4.8	0.0	4.8
12	400 kV	ZERDA-BHINMAL	1	808	0	10.1	0.0	10.1
13	400 kV	VINDHYACHAL -RIHAND	1	959	0	21.8	0.0	21.8
14	400 kV	KAPP-SHUALPUR	2	344	436	1.8	3.9	-2.1
15	220 kV	BHANPURA-RANPUR	1	0	0	0.0	0.0	0.0
16	220 kV	BHANPURA-MORAK	1	0	30	0.0	2.2	-2.2
17	220 kV	MEHGAON-AURAIYA	1	115	0	0.9	0.0	0.9
18	220 kV	MALANPUR-AURAIYA	1	74	1	1.7	0.0	1.7
19	132 kV	GWALIOR-SAWAI MADHOPUR	1	0	0	0.0	0.0	0.0
20	132 kV	RAIGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
WR-NR						65.6	239.4	-173.8
<b>Import/Export of WR (With SR)</b>								
1	HVDC	BHADRAWATI B/B	-	987	0	24.0	0.0	24.0
2	HVDC	RAIGARH-PUGALUR	2	2884	0	47.3	0.0	47.3
3	765 kV	SOLAPUR-RAICHUR	2	1176	1342	9.0	5.9	3.1
4	765 kV	WARDHA-NIZAMABAD	2	0	2383	0.0	33.1	-33.1
5	400 kV	KOLHAPUR-KUDGI	2	1736	0	32.9	0.0	32.9
6	220 kV	KOLHAPUR-CHIKODI	2	0	0	0.0	0.0	0.0
7	220 kV	PONDA-AMBEWADI	1	0	0	0.0	0.0	0.0
8	220 kV	XELDEM-AMBEWADI	1	0	106	2.1	0.0	2.1
WR-SR						115.4	39.1	76.3
<b>INTERNATIONAL EXCHANGES</b>								
State	Region	Line Name	Max (MW)	Min (MW)	Avg (MW)	Import(+ve)/Export(-ve) Energy Exchange (MU)		
BHUTAN	ER	400kV MANGDECHHU-ALIPURDUAR 1,2&3 i.e. ALIPURDUAR RECEIPT (from MANGDECHHU HEP 4*180MW)	672	328	442	10.6		
	ER	400kV TALA-BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI) i.e. BINAGURI RECEIPT (from TALA HEP (6*150MW)	402	0	315	7.6		
	ER	220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) i.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)	150	0	130	3.1		
	NER	132kV GELEPHU-SALAKATI	-33	-12	-19	-0.5		
	NER	132kV MOTANGA-RANGIA	-68	-34	-50	-1.2		
NEPAL	NR	132kV MAHENDRANAGAR-TANAKPUR(NHPC)	0	0	0	-1.7		
	ER	NEPAL IMPORT (FROM BIHAR)	-18	0	-15	-0.4		
	ER	400kV DHALKEBAR-MUZAFFARPUR 1&2	264	166	212	5.1		
BANGLADESH	ER	BHERAMARA B/B HVDC (BANGLADESH)	-942	-937	-940	-22.6		
	NER	132kV COMILLA-SURAJMANI NAGAR 1&2	-150	0	-123	-3.0		