



**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: 13<sup>th</sup> November 2022

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., डोंगतेह, 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 12.11.2022.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-नवंबर-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 12<sup>th</sup> November 2022, is available at the NLDC website.

धन्यवाद,

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

Date of Reporting 13-Nov-22

Report for previous day

A. Power Supply Position at All India and Regional level

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from	46687	55660	39354	19170	2605	163476
Peak Shortage (MW)	0	0	0	493	0	493
Energy Met (MU)	1023	1362	868	413	48	3715
Hydro Gen (MU)	142	31	98	63	17	350
Wind Gen (MU)	3	73	55	-----	-----	131
Solar Gen (MU)*	98.80	47.46	69.79	5.22	0.79	222
Energy Shortage (MU)	2.49	0.00	0.00	2.19	0.00	4.68
Maximum Demand Met during the day (MW) & time (from	50279	63701	41651	19884	2778	173766
NLDC SCADA)	10:23	10:34	09:14	17:57	17:28	10:23

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.030	0.00	0.35	2.85	3.19	73.00	23.81

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	6495	0	123.3	35.6	-0.7	99	0.00
	Haryana	6005	0	124.5	64.1	-1.4	128	0.00
	Rajasthan	14790	0	289.4	113.8	3.0	392	1.41
	Delhi	3469	0	65.0	58.5	-1.3	103	0.00
	UP	15816	0	298.0	71.4	-0.2	474	0.31
	Uttarakhand	1899	0	35.7	23.9	-0.1	147	0.10
	HP	1572	0	28.3	15.8	-0.3	51	0.00
	J&K(UT) and Ladakh(UT)	2688	120	56.0	48.7	0.4	105	0.67
	Chandigarh	180	0	3.2	3.3	-0.1	24	0.00
	Chhattisgarh	3920	0	86.4	35.1	-0.5	117	0.00
WR	Gujarat	19674	0	402.1	237.7	1.2	753	0.00
	MP	14539	0	297.3	188.5	-3.3	529	0.00
	Maharashtra	24480	0	521.6	161.9	3.8	833	0.00
	Goa	633	0	12.0	12.4	-1.0	35	0.00
	DNHDDPDCL	1177	0	27.0	27.0	0.0	47	0.00
	AMNSIL	740	0	16.0	10.0	-0.3	230	0.00
	Andhra Pradesh	8164	0	174.2	62.0	0.8	687	0.00
SR	Telangana	8827	0	164.6	41.4	0.6	946	0.00
	Karnataka	10478	0	189.4	64.3	-0.6	945	0.00
	Kerala	3616	0	72.6	50.7	0.5	167	0.00
	Tamil Nadu	13056	0	258.3	150.4	0.2	505	0.00
	Puducherry	348	0	9.3	7.5	1.1	58	0.00
	Bihar	4631	0	81.1	71.8	0.7	299	0.03
ER	DVC	3313	0	71.0	-36.0	0.5	343	0.00
	Jharkhand	1574	0	27.8	19.5	0.4	353	2.16
	Odisha	4770	0	103.1	26.1	0.9	628	0.00
	West Bengal	6677	0	128.9	-1.1	-0.5	486	0.00
	Sikkim	96	0	1.6	1.4	0.2	40	0.00
	Arunachal Pradesh	119	0	2.0	1.7	0.0	38	0.00
NER	Assam	1631	0	28.5	20.5	0.9	115	0.00
	Manipur	211	0	2.7	2.8	0.0	19	0.00
	Meghalaya	363	0	6.7	4.6	0.1	35	0.00
	Mizoram	128	0	1.8	1.4	-0.2	18	0.00
	Nagaland	134	0	2.3	1.8	0.1	36	0.00
	Tripura	234	0	3.9	2.7	-0.1	34	0.00

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.0	7.7	-23.1
Day peak (MW)	472.0	344.0	-1035.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	150.1	-32.9	67.1	-182.0	-2.2	0.0
Actual(MU)	121.3	-26.3	81.5	-178.3	-3.1	-4.9
O/D/U/D(MU)	-28.8	6.6	14.5	3.7	-0.9	-4.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	7247	13786	8658	3050	969	33709
State Sector	9395	16540	10533	2860	152	39478
Total	16642	30325	19191	5910	1120	73187

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	598	1210	455	544	7	2814
Lignite	26	15	42	0	0	83
Hydro	142	31	98	63	17	351
Nuclear	24	35	70	0	0	128
Gas, Naptha & Diesel	11	3	6	0	31	50
RES (Wind, Solar, Biomass & Others)	115	121	162	5	1	404
Total	915	1415	832	612	56	3830

Share of RES in total generation (%)	12.56	8.56	19.46	0.86	1.41	10.55
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total	30.62	13.20	39.57	11.15	32.38	23.04

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.026
Based on State Max Demands	1.073

I. All India Demand Load Factor (%)

89
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Diversity factor = Sum of regional or state-wise maximum demands / All India maximum demand

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

**INTER-REGIONAL EXCHANGES**

Date of Reporting : 13-Nov-22

Import=(+ve)  
/Export =(-ve)  
for NET (MU)

Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
4	HVDC	ALIPURDUAR-AGRA	D/C	0.0	0	0.0	0.0	0.0
5		PUSAULI B/B	-	0.0	345	0.0	8.1	-8.1
1	765kV	GAYA-VARANASI	D/C	0	877	0.0	12.9	-12.9
2		SASARAM-FATEHPUR	S/C	0.0	543	0.0	9.9	-9.9
3		GAYA-BALIA	S/C	0	508	0.0	9.4	-9.4
6	400 kV	PUSAULI-VARANASI	S/C	0	201	0.0	4.3	-4.3
7		PUSAULI -ALLAHABAD	S/C	0	212	0.0	3.9	-3.9
8		MUZAFFARPUR-GORAKHPUR	D/C	0	805	0.0	12.7	-12.7
9		PATNA-BALIA	Q/C	0	661	0.0	12.2	-12.2
10		BIHARSHARIFF-BALIA	D/C	0	451	0.0	7.4	-7.4
11		MOTIHARI-GORAKHPUR	D/C	0	508	0.0	8.7	-8.7
12		BIHARSHARIFF-VARANASI	D/C	0	409	0.0	6.0	-6.0
13		220 kV	SAHUPURI-KARAMNANA*	S/C	0	121	0.0	1.6
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	25	0	0.4	0.0	0.4
16		KARMANASA-SAHUPURI	S/C	0	32	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>0.4</b>	<b>97.2</b>	<b>-96.8</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH	Q/C	1256	0.0	19	0.0	18.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	375	538.0	0	1.5	-1.5
20		JHARSUGUDA-DURG	D/C	0.0	375	0.0	5.6	-5.6
21	400 kV	JHARSUGUDA-RAIGARH	Q/C	0.0	477	0.0	5.4	-5.4
22		RANCHI-SIPAT	D/C	182	206.0	0.1	0.0	0.1
23	220 kV	BUDHIPADAR-RAIGARH	S/C	21	97	0.0	0.9	-0.9
24		BUDHIPADAR-KORBA	D/C	140	16	1.7	0	1.7
<b>ER-WR</b>						<b>20.7</b>	<b>13.4</b>	<b>7.3</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC	JEYPORE-GAZUWAKA B/B	-	0.0	550.0	0.0	12.5	-12.5
27		TALCHER-KOLAR BIPOLE	D/C	0.0	1988.0	0.0	45.7	-45.7
25	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	2550.0	0.0	45.4	-45.4
28	400 kV	TALCHER-I/C	D/C	0.0	690.0	0.0	13.0	-13.0
29	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>103.6</b>	<b>-103.6</b>
<b>Import/Export of ER (With NER)</b>								
30	400 kV	BINAGURI-BONGAIGAON	D/C	0	365	0	5	-5
31		ALIPURDUAR-BONGAIGAON	D/C	0	515	0	7	-7
32	220 kV	ALIPURDUAR-SALAKATI	D/C	0	41	0	1	-1
<b>ER-NER</b>						<b>0.0</b>	<b>13.2</b>	<b>-13.2</b>
<b>Import/Export of NER (With NR)</b>								
33	HVDC	BISWANATH CHARIALI-AGRA	D/C	0	702	0.0	16.8	-16.8
<b>NER-NR</b>						<b>0.0</b>	<b>16.8</b>	<b>-16.8</b>
<b>Import/Export of WR (With NR)</b>								
34	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2	0.0	0.0	0.0
35		V'CHAL B/B	D/C	438	0	12.2	0.0	12.2
36		APL -MHG	D/C	1440	0	0.0	25.5	-25.5
37	765 kV	GWALIOR-AGRA	D/C	0	1450	0.0	19.8	-19.8
38		PHAGI-GWALIOR	D/C	0	2167	0.0	38.9	-38.9
39		JABALPUR-ORAI	D/C	0	710	0.0	27.7	-27.7
40		GWALIOR-ORAI	S/C	1036	0	20.1	0.0	20.1
41		SATNA-ORAI	S/C	0	864	0.0	17.7	-17.7
42		CHITTOORGARH-BANASKANTHA	D/C	0	710	0.0	27.7	-27.7
43		ZERDA-KANKROLI	S/C	355	11	4.5	0.0	4.5
44	400 kV	ZERDA -BHINMAL	S/C	518	180	4.5	0.0	4.5
45		V'CHAL -RIHAND	S/C	959	0	21.9	0.0	21.9
46		RAPP-SHUJALPUR	D/C	282	340	0.0	1	-1
47	220 kV	BHANPURA-RANPUR	S/C	0	30	0.0	2	-2.0
48		BHANPURA-MORAK	S/C	0	0	0.0	0	0.0
49		MEHGAON-AURAIYA	S/C	127	0	1.3	0	1.3
50		MALANPUR-AURAIYA	S/C	96	0	1.9	0.0	1.9
51	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0.0	0.0	0.0	0.0	0.0
<b>WR-NR</b>						<b>66.4</b>	<b>160.6</b>	<b>-94.2</b>
<b>Import/Export of WR (With SR)</b>								
52	HVDC	BHADRAWATI B/B	-	297	0.0	7	0.0	7.2
53		RAIGARH-PUGLUR	D/C	0	600	0.0	14.7	-14.7
54	765 kV	SOLAPUR-RAICHUR	D/C	964	1208	0	2	-1.6
55		WARDHA-NIZAMABAD	D/C	0	2079	0	27	-26.6
56	400 kV	KOLHAPUR-KUDGI	D/C	1254	0	22	0	21.8
57	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0	0	0.0
58		PONDA-AMBEWADI	S/C	0	0	0	0	0.0
59		XELDEM-AMBEWADI	S/C	0	104	2	0	2.2
<b>WR-SR</b>						<b>31.2</b>	<b>42.8</b>	<b>-11.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
60		BHUTAN						<b>8.0</b>
61		NEPAL						<b>7.7</b>
62		BANGLADESH						<b>-23.1</b>

\*220kV Pusauli- Sahupuri line LLOed at 220kV Karamnasa (Bihar) at 17:50 hrs of 24.01.2022.