



**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: 22<sup>nd</sup> Nov 2017

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, 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., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006  
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 21.11.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21-नवम्बर - 2017 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 21<sup>st</sup> November 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

22-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	39271	47305	38367	17018	2379	144340
Peak Shortage (MW)	1442	12	231	306	85	2076
Energy Met (MU)	822	1087	880	329	41	3159
Hydro Gen(MU)	108	25	52	38	15	239
Wind Gen(MU)	3	50	27	-----	-----	80
Solar Gen (MU)*	3.09	12.06	29.60	0.70	0.02	45
Energy Shortage (MU)	16.3	0.0	0.0	0.9	0.6	17.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	40386	49759	39179	17350	2300	145078

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	0.043	0.00	0.64	10.97	11.61	79.39	9.00

C. Power Supply Position in States

Region/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	5067	0	91.1	17.8	0.5	168	0.0
	Haryana	5934	278	107.1	66.1	2.9	243	0.1
	Rajasthan	9521	401	194.6	57.8	6.0	472	6.1
	Delhi	3304	0	56.0	43.1	-0.5	182	0.0
	UP	12232	115	269.7	81.8	0.2	282	0.0
	Uttarakhand	1787	0	33.1	16.3	0.6	174	0.1
	HP	1459	0	25.6	18.9	0.2	103	0.1
	J&K	2059	515	42.1	36.0	1.4	173	9.9
WR	Chhattisgarh	176	0	3.1	3.4	-0.3	6	0.0
	Gujarat	3199	0	69.1	18.8	-0.1	230	0.0
	MP	13802	0	302.4	79.2	3.1	741	0.0
	Maharashtra	11825	0	234.0	153.4	-0.6	494	0.0
	Goa	21121	0	437.9	152.2	2.5	435	0.0
	DD	444	0	9.0	9.8	-0.7	22	0.0
	DNH	325	0	7.3	6.3	1.0	79	0.0
	Essar steel	765	0	17.6	17.0	0.6	67	0.0
SR	Andhra Pradesh	472	0	9.8	9.9	0.0	157	0.0
	Telangana	8087	0	169.6	65.2	2.0	468	0.0
	Karnataka	6649	0	144.5	61.3	-2.1	352	0.0
	Kerala	8978	0	197.2	87.8	2.0	479	0.0
	Tamil Nadu	3419	0	66.8	51.6	1.5	288	0.0
	Pondy	13608	0	295.2	151.4	3.4	462	0.0
ER	Bihar	331	0	6.4	6.9	-0.5	24	0.0
	DVC	3568	0	61.0	57.7	-2.3	220	0.0
	Jharkhand	2781	0	63.3	-26.3	-2.6	225	0.0
	Odisha	1136	0	23.2	14.5	-0.5	85	0.2
	West Bengal	3430	0	64.5	34.0	3.3	250	0.8
NER	Sikkim	6812	0	115.3	29.8	2.6	250	0.0
	Arunachal Pradesh	102	0	1.4	1.5	0.0	12	0.0
	Assam	124	2	2.3	2.0	0.4	43	0.0
	Manipur	1471	44	23.9	19.1	0.5	268	0.5
	Meghalaya	170	1	2.3	2.5	-0.2	35	0.0
	Mizoram	285	0	5.5	2.7	-0.2	40	0.0
NER	Nagaland	83	1	1.3	0.9	0.4	45	0.0
	Tripura	121	2	2.0	1.5	-0.1	28	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.7	-5.2	-13.1
Day peak (MW)	346.5	-245.0	-640.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	127.0	-164.2	99.6	-60.1	-2.1	0.1
Actual(MU)	122.4	-165.6	104.2	-59.1	-3.2	-1.3
O/D/U/D(MU)	-4.6	-1.4	4.6	1.0	-1.1	-1.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5545	13849	2310	2205	186	24094
State Sector	9680	19580	8992	6285	50	44587
Total	15225	33429	11302	8490	235	68681

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	510	1124	559	369	0	2562
Hydro	108	25	52	38	15	239
Nuclear	34	27	56	0	0	116
Gas, Naptha & Diesel	59	53	18	0	23	153
RES (Wind, Solar, Biomass & Others)	9	62	98	1	0	170
Total	719	1290	783	408	39	3239

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : 22-Nov-17
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
								Import=(+ve) /Export =(-ve) for NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765KV	GAYA-VARANASI	D/C	0	155	0.0	1.3	-1.3
2		SASARAM-FATEHPUR	S/C	0	64	2.0	0.0	2.0
3		GAYA-BALIA	S/C	0	175	0.0	2.2	-2.2
4	HVDC	ALIPURDUAR-AGRA	-	0	173	0.0	7.3	-7.3
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	224	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	88	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	432	0.0	5.0	-5.0
9		PATNA-BALIA	Q/C	0	1087	0.0	16.4	-16.4
10		BIHARSHARIFF-BALIA	D/C	0	133	0.0	0.9	-0.9
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.2	0.0	4.2
12		BIHARSHARIFF-VARANASI	D/C	0	255	2.1	0.0	2.1
13	220 KV	PUSAULI-SAHUPURI	S/C	0	112	0.0	2.1	-2.1
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.8	0.0	0.8
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>9.1</b>	<b>41.1</b>	<b>-32.0</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	18.4	0.0	18.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	412	2.9	0.0	2.9
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	5	2.5	0.0	2.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.6	0.0	1.6
22		IBEUL-RAIGARH	S/C	0	0	3.0	0.0	3.0
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	0	0.0	0.0	0.0
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	46	0.9	0.0	0.9
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2
<b>ER-WR</b>						<b>31.4</b>	<b>0.0</b>	<b>31.4</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.7	-18.7
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	318.4	0.0	13.7	-13.7
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1843.8	0.0	48.5	-48.5
30	400 KV	TALCHER-I/C	D/C	0.0	973.0	0.0	15.1	-15.1
31	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>80.9</b>	<b>-80.9</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1304	0.0	10.3	-10
33		ALIPURDUAR-BONGAIGAON	D/C	0	1062	0.0	4.1	-4
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
<b>ER-NER</b>						<b>0.0</b>	<b>14.4</b>	<b>-14.4</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	15.0	-15.0
<b>NER-NR</b>						<b>0.0</b>	<b>15.0</b>	<b>-15.0</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	950	0.0	13.7	-13.7
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1210	0.0	25.3	-25.3
39	765 KV	GWALIOR-AGRA	D/C	0	2166	0.0	36.0	-36.0
40		PHAGI-GWALIOR	D/C	0	976	0.0	14.3	-14.3
41	400 KV	ZERDA-KANKROLI	S/C	234	19	2.7	0.0	2.7
42		ZERDA -BHINMAL	S/C	167	226	0.0	0.4	-0.4
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	32	323	0	2	-2
45		BADOD-KOTA	S/C	148	0	1.9	0.0	1.9
46	220 KV	BADOD-MORAK	S/C	79	23	0.5	0.1	0.4
47		MEHGAON-AURAIYA	S/C	82	0	1.4	0.0	1.4
48		MALANPUR-AURAIYA	S/C	45	0	0.5	0.0	0.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>19.2</b>	<b>91.7</b>	<b>-72.5</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	11.9	-11.9
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1537	0.0	21.9	-21.9
53		WARDHA-NIZAMABAD	D/C	0	1841	0.0	33.5	-33.5
54	400 KV	KOLHAPUR-KUDGI	D/C	407	0	4.7	0.0	4.7
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	73	0	2.0	0.0	2.0
<b>WR-SR</b>						<b>6.7</b>	<b>67.3</b>	<b>-60.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>8.7</b>
59		NEPAL						<b>-5.2</b>
60		BANGLADESH						<b>-13.1</b>