



**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: 23<sup>rd</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 22.11.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22-नवम्बर - 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 22<sup>nd</sup> November 2017, 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

23-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40119	47305	38857	16553	2323	145157
Peak Shortage (MW)	1194	12	0	0	90	1296
Energy Met (MU)	834	1087	887	321	42	3170
Hydro Gen(MU)	106	22	54	38	16	235
Wind Gen(MU)	3	39	34	-----	-----	76
Solar Gen (MU)*	3.15	14.09	32.70	0.61	0.02	51
Energy Shortage (MU)	14.4	0.2	0.0	0.0	0.7	15.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41146	49572	39405	16852	2276	144551

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	0.042	0.00	0.07	11.42	11.49	77.41	11.10

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	5117	0	94.3	12.2	0.6	157	0.0
	Haryana	5948	275	109.2	68.7	2.1	278	0.2
	Rajasthan	9971	216	195.1	63.2	5.7	577	3.9
	Delhi	3269	0	59.9	43.7	-1.8	173	0.0
	UP	11990	0	270.1	82.0	0.9	536	0.0
	Uttarakhand	1786	0	33.1	15.6	1.3	183	0.3
	HP	1563	1	26.3	18.4	1.5	226	0.0
	J&K	2007	502	42.4	37.1	0.7	159	10.0
WR	Chhattisgarh	184	0	3.2	3.4	-0.2	23	0.0
	Gujarat	3294	0	68.8	17.0	-1.7	299	0.2
	MP	13983	0	306.3	88.1	5.1	524	0.0
	Maharashtra	9179	0	232.7	157.8	-1.1	312	0.0
	Goa	21160	0	437.3	158.3	0.9	378	0.0
	DD	444	0	9.0	9.8	-0.8	32	0.0
	DNH	330	0	7.4	6.5	0.9	100	0.0
	Essar steel	762	0	17.5	17.0	0.5	62	0.0
SR	Andhra Pradesh	416	0	9.5	9.8	-0.2	169	0.0
	Telangana	8007	0	169.5	65.4	1.8	389	0.0
	Karnataka	6827	0	145.8	60.2	-2.8	313	0.0
	Kerala	9527	0	199.9	82.6	0.8	383	0.0
	Tamil Nadu	3649	0	68.4	52.6	1.1	185	0.0
	Pondy	14186	0	296.2	161.8	1.6	383	0.0
ER	Bihar	338	0	7.1	7.6	-0.4	26	0.0
	DVC	3131	0	60.0	54.8	-0.6	225	0.0
	Jharkhand	2526	0	65.4	-29.2	-1.8	220	0.0
	Odisha	912	0	23.1	14.3	-0.7	70	0.0
	West Bengal	3022	0	66.0	33.3	4.7	250	0.0
	Sikkim	5762	0	104.5	23.2	3.8	250	0.0
NER	Arunachal Pradesh	78	0	1.6	1.4	0.2	10	0.0
	Assam	119	7	2.3	1.8	0.5	43	0.0
	Manipur	1423	33	24.7	17.9	2.0	268	0.6
	Meghalaya	168	3	2.3	2.5	-0.3	35	0.0
	Mizoram	285	0	5.6	2.9	0.0	40	0.0
	Nagaland	81	2	1.3	0.7	0.5	45	0.0
	Tripura	91	1	1.9	1.5	-0.1	28	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	9.6	-5.0	-12.3
Day peak (MW)	30.5	-251.7	-596.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	135.4	-153.8	86.3	-67.3	-1.4	-0.8
Actual(MU)	136.2	-162.6	84.8	-62.2	-0.5	-4.3
O/D/U/D(MU)	0.8	-8.8	-1.5	5.1	0.9	-3.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5545	13749	2310	2205	436	24244
State Sector	10200	19405	8532	6090	50	44277
Total	15745	33154	10842	8295	485	68521

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	511	1126	567	366	0	2571
Hydro	106	22	54	38	16	235
Nuclear	34	27	63	0	0	123
Gas, Naptha & Diesel	60	49	17	0	23	150
RES (Wind, Solar, Biomass & Others)	9	53	108	1	0	171
Total	719	1277	809	405	40	3250

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(त्रि०प्र०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : 23-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	0	0.0	2.2	-2.2
2		SASARAM-FATEHPUR	S/C	0	0	0.9	0.0	0.9
3		GAYA-BALIA	S/C	0	0	0.0	3.0	-3.0
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	4.7	-4.7
5		PUSAULI B/B	S/C	0	0	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	0	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	0	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	0	0.0	6.5	-6.5
9		PATNA-BALIA	Q/C	0	0	0.0	17.5	-17.5
10		BIHARSHARIFF-BALIA	D/C	0	0	0.0	1.6	-1.6
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.7	0.0	3.7
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.2	0.0	1.2
13	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	2.0	-2.0
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.3	0.0	0.3
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>6.2</b>	<b>43.7</b>	<b>-37.5</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	15.9	0.0	15.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	1.7	0.0	1.7
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	1.9	0.0	1.9
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.9	0.0	1.9
22		IBEUL-RAIGARH	S/C	0	0	2.7	0.0	2.7
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	0	0.9	0.0	0.9
26		BUDHIPADAR-KORBA	D/C	0	0	2.3	0.0	2.3
<b>ER-WR</b>						<b>27.4</b>	<b>0.0</b>	<b>27.4</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.3	-17.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	0.0	0.0	13.4	-13.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	0.0	0.0	48.2	-48.2
30	400 KV	TALCHER-I/C	D/C	0.0	0.0	0.0	13.2	-13.2
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>78.8</b>	<b>-78.8</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	6.3	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	0	0.0	6.3	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
<b>ER-NER</b>						<b>0.0</b>	<b>12.6</b>	<b>-12.6</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	702	0.0	14.8	-14.8
<b>NER-NR</b>						<b>0.0</b>	<b>14.8</b>	<b>-14.8</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	17.8	-17.8
37		V'CHAL B/B	D/C	500	0	10.2	0.0	10.2
38		APL -MHG	D/C	0	1210	0.0	20.6	-20.6
39	765 KV	GWALIOR-AGRA	D/C	0	2234	0.0	41.7	-41.7
40		PHAGI-GWALIOR	D/C	0	1044	0.0	16.2	-16.2
41	400 KV	ZERDA-KANKROLI	S/C	188	46	1.5	0.0	1.5
42		ZERDA -BHINMAL	S/C	80	252	0.0	1.3	-1.3
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	425	0	2	-2
45		BADOD-KOTA	S/C	148	0	1.6	1.8	-0.2
46	220 KV	BADOD-MORAK	S/C	79	23	0.2	0.0	0.2
47		MEHGAON-AURAIYA	S/C	82	0	1.3	1.3	0.0
48		MALANPUR-AURAIYA	S/C	45	0	0.4	0.4	0.0
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>15.3</b>	<b>103.2</b>	<b>-88.0</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	12.0	-12.0
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	42	1235	0.0	14.3	-14.3
53		WARDHA-NIZAMABAD	D/C	0	1646	0.0	27.5	-27.5
54	400 KV	KOLHAPUR-KUDGI	D/C	434	0	6.1	0.0	6.1
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>8.1</b>	<b>53.9</b>	<b>-45.8</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>9.6</b>
59		NEPAL						<b>-5.0</b>
60		BANGLADESH						<b>-12.3</b>