



**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: 12<sup>th</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 11.11.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11-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 11<sup>th</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

12-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40275	47110	37635	17397	2309	144727
Peak Shortage (MW)	489	0	250	250	130	1119
Energy Met (MU)	860	1096	837	332	40	3166
Hydro Gen(MU)	118	27	67	44	17	273
Wind Gen(MU)	9	13	17	-----	-----	38
Solar Gen (MU)*	2.66	14.35	29.60	0.68	0.03	47
Energy Shortage (MU)	9.6	0.0	0.3	0.8	1.1	11.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42169	48897	38506	17553	2312	147593

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	0.045	0.00	0.14	10.59	10.73	79.75	9.53

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	5199	0	101.1	41.6	-1.1	106	0.0
	Haryana	6074	0	110.7	64.6	1.0	259	0.0
	Rajasthan	10797	0	208.8	60.6	0.6	312	0.0
	Delhi	3245	0	60.2	44.6	-1.9	116	0.0
	UP	12713	0	277.0	103.1	1.0	330	0.0
	Uttarakhand	1704	0	33.0	16.0	-0.6	57	0.1
	HP	1414	0	25.7	17.7	0.5	108	0.0
	J&K	1954	489	40.3	36.5	-0.8	122	9.5
WR	Chhattisgarh	2996	0	66.9	5.5	-1.1	138	0.0
	Gujarat	14787	0	323.3	91.6	0.9	340	0.0
	MP	9588	0	236.4	166.8	0.2	510	0.0
	Maharashtra	20419	0	427.4	127.7	3.4	588	0.0
	Goa	440	0	9.0	9.1	-0.1	22	0.0
	DD	321	0	7.3	6.4	0.9	52	0.0
	DNH	755	0	17.0	16.5	0.5	56	0.0
	Essar steel	442	0	9.3	9.6	-0.3	140	0.0
SR	Andhra Pradesh	7249	0	156.2	46.8	0.8	313	0.0
	Telangana	7278	0	152.6	63.1	0.2	290	0.0
	Karnataka	8675	0	186.9	72.4	3.1	330	0.3
	Kerala	3451	0	66.4	49.2	0.8	170	0.0
	Tamil Nadu	12826	0	269.0	133.3	3.3	419	0.0
	Pondy	326	0	6.3	6.7	-0.4	26	0.0
ER	Bihar	3606	0	62.7	57.7	-0.6	50	0.0
	DVC	2768	0	60.3	-23.7	2.7	410	0.8
	Jharkhand	972	0	22.8	16.1	0.5	80	0.0
	Odisha	3761	250	68.1	33.4	2.3	600	0.0
	West Bengal	6851	0	117.0	37.8	0.3	280	0.0
NER	Sikkim	91	0	1.3	1.3	0.0	80	0.0
	Arunachal Pradesh	116	10	2.1	2.1	0.0	43	0.0
	Assam	1423	70	23.1	18.1	0.2	268	0.9
	Manipur	159	9	2.2	2.5	-0.3	35	0.0
	Meghalaya	283	5	5.5	2.1	-0.1	40	0.0
	Mizoram	84	1	1.5	1.3	0.0	45	0.0
NER	Nagaland	117	7	2.0	1.7	-0.2	28	0.0
	Tripura	221	5	3.9	1.8	0.8	57	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	9.0	-1.8	-10.9
Day peak (MW)	549.0	-213.7	-647.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	143.5	-147.0	66.2	-58.6	-4.8	-0.7
Actual(MU)	138.3	-156.8	73.5	-45.2	-5.4	4.4
O/D/U/D(MU)	-5.1	-9.8	7.3	13.4	-0.6	5.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4345	15144	4060	1895	143	25587
State Sector	10180	16728	9722	7540	50	44220
Total	14525	31872	13782	9435	193	69807

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	522	1146	548	356	0	2572
Hydro	118	27	67	44	17	273
Nuclear	33	22	51	0	0	107
Gas, Naptha & Diesel	58	66	17	0	24	165
RES (Wind, Solar, Biomass & Others)	14	27	88	1	0	130
Total	746	1289	772	400	41	3247

\*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(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 : 12-Nov-17
								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>								
1	765KV	GAYA-VARANASI	D/C	0	194	0.0	4.9	-4.9
2		SASARAM-FATEHPUR	S/C	0	127	0.9	0.0	0.9
3		GAYA-BALIA	S/C	0	239	0.0	3.0	-3.0
4	HVDC	ALIPURDUAR-AGRA	-	0	166	0.0	7.4	-7.4
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	210	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	93	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	630	0.0	9.9	-9.9
9		PATNA-BALIA	Q/C	0	1062	0.0	17.6	-17.6
10		BIHARSHARIFF-BALIA	D/C	0	187	0.0	1.9	-1.9
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.7	0.0	3.7
12		BIHARSHARIFF-VARANASI	D/C	0	114	0.0	0.0	0.0
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>5.5</b>	<b>52.6</b>	<b>-47.1</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.8	0.0	12.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	308	5.3	0.0	5.3
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	3.0	0.0	3.0
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.5	0.0	3.5
22		IBEUL-RAIGARH	S/C	0	0	3.6	0.0	3.6
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	2	4.2	0.0	4.2
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	5	1.2	0.0	1.2
26		BUDHIPADAR-KORBA	D/C	0	0	2.6	0.0	2.6
<b>ER-WR</b>						<b>36.3</b>	<b>0.0</b>	<b>36.3</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	19.2	-19.2
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	11.7	-11.7
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2506.6	0.0	42.9	-42.9
30	400 KV	TALCHER-I/C	D/C	0.0	704.7	0.0	5.9	-5.9
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>73.9</b>	<b>-73.9</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	996	0.0	4.0	-4
33		ALIPURDUAR-BONGAIGAON	D/C	0	832	0.0	0.3	0
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.0	-1
<b>ER-NER</b>						<b>0.0</b>	<b>5.3</b>	<b>-5.3</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	661	0.0	11.4	-11.4
<b>NER-NR</b>						<b>0.0</b>	<b>11.4</b>	<b>-11.4</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	765	0.0	12.1	-12.1
37		V'CHAL B/B	D/C	500	0	11.0	0.0	11.0
38		APL -MHG	D/C	0	607	0.0	14.3	-14.3
39	765 KV	GWALIOR-AGRA	D/C	0	2456	0.0	43.8	-43.8
40		PHAGI-GWALIOR	D/C	0	1148	0.0	22.7	-22.7
41	400 KV	ZERDA-KANKROLI	S/C	226	0	3.6	0.0	3.6
42		ZERDA -BHINMAL	S/C	188	103	1.5	0.0	1.5
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	266	0	2	-2
45	220 KV	BADOD-KOTA	S/C	132	0	2.3	0.0	2.3
46		BADOD-MORAK	S/C	56	0	0.7	0.0	0.7
47		MEHGAON-AURAIYA	S/C	79	0	1.2	0.0	1.2
48		MALANPUR-AURAIYA	S/C	31	0	0.4	0.0	0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>20.6</b>	<b>94.9</b>	<b>-74.3</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	7.8	-7.8
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1040	0.0	14.0	-14.0
53		WARDHA-NIZAMABAD	D/C	0	1922	0.0	29.1	-29.1
54	400 KV	KOLHAPUR-KUDGI	D/C	430	0	5.5	0.0	5.5
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>7.5</b>	<b>50.9</b>	<b>-43.3</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>9.0</b>
59		NEPAL						<b>-1.8</b>
60		BANGLADESH						<b>-10.9</b>