



**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: 2<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 01.11.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-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 01<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

2-Nov-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40829	46432	37908	17630	2405	145204
Peak Shortage (MW)	1379	12	0	0	94	1485
Energy Met (MU)	863	1076	810	335	41	3124
Hydro Gen(MU)	130	19	58	54	19	280
Wind Gen(MU)	4	20	29	-----	-----	54
Solar Gen (MU)*	3.19	15.19	29.00	0.74	0.02	48
Energy Shortage (MU)	12.9	0.0	0.0	0.0	0.8	13.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42087	47454	37546	17801	2360	145613

**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	0.031	0.00	0.14	4.63	4.77	81.91	13.32

**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	5442	0	104.2	45.1	0.9	289	0.0
	Haryana	6164	196	116.8	73.8	3.2	394	2.1
	Rajasthan	9906	0	197.2	73.9	3.5	359	0.0
	Delhi	3626	0	68.5	58.9	-0.1	200	0.1
	UP	12645	1010	277.7	106.6	0.5	400	2.1
	Uttarakhand	1672	0	33.5	14.7	-0.3	76	0.0
	HP	1369	0	24.9	16.4	0.2	120	0.0
	J&K	1916	479	36.8	30.1	0.3	331	8.6
	Chandigarh	179	0	3.3	3.8	-0.6	9	0.0
	Chhattisgarh	3406	0	72.8	14.5	-2.3	112	0.0
WR	Gujarat	14583	0	313.9	88.2	1.9	464	0.0
	MP	10697	0	229.2	163.7	-0.6	410	0.0
	Maharashtra	19913	0	418.3	144.8	-1.6	421	0.0
	Goa	468	0	9.6	9.6	0.1	33	0.0
	DD	308	0	7.0	6.5	0.5	43	0.0
	DNH	734	0	16.7	16.2	0.5	48	0.0
	Essar steel	424	0	8.2	8.2	0.1	210	0.0
	Andhra Pradesh	7350	0	158.7	54.0	5.1	482	0.0
	Telangana	7125	0	153.8	50.9	0.4	336	0.0
	Karnataka	7620	0	168.1	67.6	2.0	579	0.0
SR	Kerala	3298	0	64.7	50.0	0.9	268	0.0
	Tamil Nadu	13424	0	258.8	152.9	2.2	500	0.0
	Pondy	307	0	6.1	6.5	-0.4	26	0.0
	Bihar	3727	0	64.0	58.2	-0.9	270	0.0
	DVC	2965	0	62.3	-20.7	3.1	350	0.0
	Jharkhand	1052	0	22.4	15.4	0.6	120	0.0
	Odisha	4168	0	78.3	35.7	3.1	440	0.0
	West Bengal	6540	0	106.3	24.2	2.1	260	0.0
	Sikkim	104	0	1.4	1.2	0.3	15	0.0
	Assam	134	6	2.5	2.3	0.2	7	0.1
NER	Assam	1456	50	24.2	17.8	0.8	139	0.5
	Manipur	152	7	2.4	2.6	-0.2	19	0.1
	Meghalaya	300	3	5.1	2.5	-0.2	59	0.0
	Mizoram	79	5	1.4	1.3	-0.1	15	0.0
	Nagaland	109	6	2.0	1.6	-0.1	19	0.0
	Tripura	204	5	3.4	2.2	-0.2	75	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	14.4	-3.7	-13.0
Day peak (MW)	559.3	-310.3	-632.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	159.4	-148.9	65.4	-73.6	-4.1	-1.8
Actual(MU)	162.1	-153.7	54.8	-60.7	-5.9	-3.4
O/D/U/D(MU)	2.7	-4.8	-10.6	12.9	-1.8	-1.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3897	13529	2760	1395	143	21724
State Sector	13330	15620	11402	6505	50	46907
Total	17227	29149	14162	7900	193	68631

**G. Sourcewise generation (MU)**

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	517	1133	538	359	8	2555
Hydro	130	20	58	54	19	281
Nuclear	33	16	51	0	0	100
Gas, Naptha & Diesel	29	59	21	0	24	133
RES (Wind, Solar, Biomass & Others)	11	35	93	1	0	140
Total	721	1263	761	414	50	3208

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिचालन)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(ग्रिडिंग)/मुख्य कार्यपालक अधिकारी(पोसोको),सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>									
								Date of Reporting :	2-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	234	0.0	4.2	-4.2	
2		SASARAM-FATEHPUR	S/C	0	25	1.6	0.0	1.6	
3		GAYA-BALIA	S/C	0	248	0.0	2.9	-2.9	
4	HVDC	ALIPURDUAR-AGRA	-	0	285	0.0	13.1	-13.1	
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1	
6	400 KV	PUSAULI-VARANASI	S/C	0	207	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	98	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	555	0.0	9.0	-9.0	
9		PATNA-BALIA	Q/C	0	975	0.0	17.8	-17.8	
10		BIHARSHARIFF-BALIA	D/C	0	173	0.0	2.0	-2.0	
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8	
12	BIHARSHARIFF-VARANASI	D/C	0	78	0.3	0.0	0.3		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	153	0.0	2.7	-2.7	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6	
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>6.3</b>	<b>57.7</b>	<b>-51.4</b>	
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	5	6.2	0.0	6.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	131	2.9	0.0	2.9	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.0	0.0	2.0	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.3	0.0	1.3	
22		IBEUL-RAIGARH	S/C	0	0	1.4	0.0	1.4	
23		STERLITE-RAIGARH	D/C	0	0	3.8	0.0	3.8	
24		RANCHI-SIPAT	D/C	0	0	4.8	0.0	4.8	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	53	0.0	0.6	-0.6	
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2	
<b>ER-WR</b>						<b>24.6</b>	<b>0.6</b>	<b>24.0</b>	
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.7	-16.7	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	298.0	0.0	13.4	-13.4	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2015.6	0.0	37.7	-37.7	
30	400 KV	TALCHER-I/C	D/C	0.0	957.8	0.0	11.0	-11.0	
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>67.9</b>	<b>-67.9</b>	
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1300	0.0	6.6	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1081	0.0	1.9	-2	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1	
<b>ER-NER</b>						<b>0.0</b>	<b>9.8</b>	<b>-9.8</b>	
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	16.9	-16.9	
<b>NER-NR</b>						<b>0.0</b>	<b>16.9</b>	<b>-16.9</b>	
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1300	0.0	23.9	-23.9	
37		VCHAL B/B	D/C	500	0	12.2	0.0	12.2	
38		APL -MHG	D/C	0	808	0.0	22.4	-22.4	
39	765 KV	GWALIOR-AGRA	D/C	0	2246	0.0	40.5	-40.5	
40		PHAGI-GWALIOR	D/C	0	1118	0.0	22.7	-22.7	
41	400 KV	ZERDA-KANKROLI	S/C	127	50	0.8	0.0	0.8	
42		ZERDA -BHINMAL	S/C	53	217	0.0	1.4	-1.4	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	325	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	120	0	1.9	0.0	1.9	
46		BADOD-MORAK	S/C	56	0	0.6	0.0	0.6	
47		MEHGAON-AURAIYA	S/C	66	0	1.2	0.0	1.2	
48		MALANPUR-AURAIYA	S/C	27	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>17.2</b>	<b>112.8</b>	<b>-95.6</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		SOLAPUR-RAICHUR	D/C	0	974	0.0	13.1	-13.1	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1221	0.0	20.2	-20.2	
54		KOLHAPUR-KUDGI	D/C	715	0	13.1	0.0	13.1	
55	400 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>15.1</b>	<b>45.3</b>	<b>-30.2</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>14.4</b>	
59		NEPAL						<b>-3.7</b>	
60		BANGLADESH						<b>-13.0</b>	