



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(A wholly owned subsidiary of POWERGRID)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 11<sup>th</sup> Dec 2016

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ.क्षे.भा.प्रे.के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093  
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलोंग - 793006  
General Manager, 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 10.12.2016.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10 दिसम्बर 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 10<sup>th</sup> December 2016, is available at the NLDC website.

Thanking You.



**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

Report for previous day

Date of Reporting

11-Dec-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42027	44741	35622	16673	2242	141305
Peak Shortage (MW)	575	34	13	300	58	980
Energy Met (MU)	837	1001	826	305	38	3006
Hydro Gen(MU)	102	38	46	23	11	220
Wind Gen(MU)	23	9	12	-----	-----	43
Solar Gen (MU)*	0.37	9.94	12.40	0.04	0.02	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	0.050	0.00	0.30	9.54	9.84	67.36	22.80

**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)
NR	Punjab	6100	0	114.8	44.0	0.4	230
	Haryana	6344	0	116.7	75.9	-0.8	204
	Rajasthan	9767	0	202.4	61.0	0.9	335
	Delhi	3136	0	54.4	40.6	-0.1	226
	UP	12969	35	253.3	80.1	0.6	321
	Uttarakhand	1768	0	33.1	18.3	0.7	135
	HP	1306	0	23.2	18.5	-0.2	63
	J&K	1688	422	35.6	37.0	-5.2	0
WR	Chhattisgarh	186	0	3.2	3.4	-0.2	9
	Gujarat	3008	0	68.0	7.4	-0.2	51
	Maharashtra	12738	0	270.8	108.6	-1.5	502
	MP	11180	0	217.7	123.2	-2.0	340
	Goa	19492	0	406.4	124.2	-3.2	566
	DD	411	0	8.2	7.3	0.2	123
	DNH	275	0	6.2	6.2	0.0	9
	Essar steel	678	0	15.2	15.5	-0.3	63
SR	Andhra Pradesh	444	0	8.3	7.5	0.8	236
	Telangana	6556	0	140.3	24.3	2.2	474
	Karnataka	6830	0	139.5	65.6	2.2	457
	Kerala	9284	0	195.3	65.8	3.7	598
	Tamil Nadu	3335	0	64.6	54.4	3.5	236
	Pondy	13112	0	279.9	144.1	-0.9	482
	Bihar	321	0	6.1	6.6	-0.5	54
	DVC	3311	300	57.4	52.1	2.1	150
ER	Jharkhand	2351	0	54.2	-31.3	-1.8	200
	Odisha	1131	0	23.3	14.1	1.9	180
	West Bengal	3860	0	67.7	20.4	2.7	250
	Sikkim	6297	0	100.7	19.3	2.3	320
	Tripura	94	0	1.9	1.4	0.5	28
NER	Arunachal Pradesh	87	4	1.9	1.5	0.4	21
	Assam	1355	17	22.6	16.6	2.0	131
	Manipur	132	3	2.3	2.3	0.0	38
	Meghalaya	296	0	4.8	4.0	-0.1	39
	Mizoram	84	4	1.5	1.2	0.2	29
	Nagaland	106	3	1.6	1.8	-0.2	20
	Tripura	208	0	3.1	1.3	0.5	43

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.5	-5.4	-1.5
Day peak (MW)	355.9	-252.6	-89.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	155.0	-143.9	73.0	-89.7	5.4	-0.2
Actual(MU)	163.8	-166.5	79.4	-82.6	7.3	1.4
O/D/U/D(MU)	8.8	-22.7	6.4	7.2	1.9	1.6

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4774	12455	1670	1600	527	21026
State Sector	10425	17936	7122	6134	110	41727
Total	15199	30391	8792	7734	636	62753

\*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)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 11-Dec-16
								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	335	0.0	12.4	-12.4
2		SASARAM-FATEHPUR	S/C	155	148	0.3	0.0	0.3
3		GAYA-BALIA	S/C	0	293	0.0	5.2	-5.2
4	HVDC LINK	PUSAULI B/B	S/C	0	348	0.0	8.6	-8.6
5	400 KV	PUSAULI-SARNATH	S/C	0	289	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	107	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	5	445	0.0	7.5	-7.5
8		PATNA-BALIA	Q/C	0	871	0.0	16.0	-16.0
9		BIHARSHARIFF-BALIA	D/C	37	183	0.0	3.3	-3.3
10		BARH-GORAKHPUR	D/C	0	545	0.0	11.1	-11.1
11		BIHARSHARIFF-VARANASI	D/C	32	0	0.0	1.1	-1.1
12	220 KV	PUSAULI-SAHUPURI	S/C	0	184	0.0	3.4	-3.4
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.8	0.0	0.8
15		KARMANASA-SAHUPURI	S/C	0	0	0.4	0.0	0.4
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>1.5</b>	<b>68.6</b>	<b>-67.1</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	891	0.0	11.0	-11.0
18		NEW RANCHI-DHARAMJAIGARH	D/C	182	354	1.9	0.0	1.9
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	114	82	0.0	0.0	0.0
20		JHARSUGUDA-RAIGARH	S/C	142	32	1.1	0.0	1.1
21		IBEUL-RAIGARH	S/C	102	20	0.8	0.0	0.8
22		STERLITE-RAIGARH	D/C	0	323	0.0	3.1	-3.1
23		RANCHI-SIPAT	D/C	178	113	0.8	0.0	0.8
24	220 KV	BUDHIPADAR-RAIGARH	S/C	62	81	0.1	0.0	0.1
25		BUDHIPADAR-KORBA	D/C	148	0	2.3	0.0	2.3
<b>ER-WR</b>						<b>7.1</b>	<b>14.2</b>	<b>-7.1</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	312	0.0	15.0	-15.0
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2258	0.0	43.0	-43.0
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-I/C		479.5	301	4.6	0.3	4.3
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>4.6</b>	<b>58.0</b>	<b>-58.0</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	466	238	4.4	0.0	4
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.3	0.0	0
<b>ER-NER</b>						<b>4.6</b>	<b>0.0</b>	<b>4.6</b>
<b>Import/Export of NR (With NER)</b>								
33	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.1	12.1
<b>NR-NER</b>						<b>0.0</b>	<b>12.1</b>	<b>12.1</b>
<b>Import/Export of WR (With NR)</b>								
34	HVDC	V'CHAL B/B	D/C	500	300	4.2	3.5	0.6
35	HVDC	APL -MHG	D/C	0	2015	0.0	47.6	-47.6
36	765 KV	GWALIOR-AGRA	D/C	0	3334	0.0	40.7	-40.7
37	765 KV	PHAGI-GWALIOR	D/C	0	1620	0.0	31.4	-31.4
38	400 KV	ZERDA-KANKROLI	S/C	281	0	4.3	0.0	4.3
39	400 KV	ZERDA -BHINMAL	S/C	252	21	2.6	0.0	2.6
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	400	0	6	-6
42	220 KV	BADOD-KOTA	S/C	107	0	1.7	0.0	1.7
43		BADOD-MORAK	S/C	56	0	0.6	0.0	0.6
44		MEHGAON-AURAIYA	S/C	71	0	1.2	0.0	1.2
45		MALANPUR-AURAIYA	S/C	29	2	0.4	0.0	0.4
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
<b>WR-NR</b>						<b>14.9</b>	<b>129.4</b>	<b>-114.5</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC LINK	BHADRAWATI B/B	-	0	500	0.0	12.0	-12.0
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2415	0.0	47.9	-47.9
50	400 KV	KOLHAPUR-KUDGI	D/C	0	466	0.0	7.2	-7.2
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	82	0	1.7	0.0	1.7
<b>WR-SR</b>						<b>1.7</b>	<b>67.1</b>	<b>-65.4</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						7.5
55		NEPAL						-5.4
56		BANGLADESH						-1.5