



**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: 05 Nov 2016

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, 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, शिलॉंग - 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 04.11.2016.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04 नवंबर 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें 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 04 November 2016, is available at the NLDC website.

[http://posoco.in/download/05-11-16\\_nldc\\_psp/?wpdmdl=7299](http://posoco.in/download/05-11-16_nldc_psp/?wpdmdl=7299)

Thanking You.



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

Report for previous day

Date of Reporting

5-Nov-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40354	43001	36157	18253	2198	139963
Peak Shortage (MW)	473	35	750	300	143	1701
Energy Met (MU)	852	982	864	351	40	3088
Hydro Gen(MU)	134	40	51	44	10	277
Wind Gen(MU)	4	11	24	-----	-----	39
Solar Gen (MU)*	2.54	9.17	12.20	0.02	0.02	24

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.044	0.00	0.69	9.19	9.88	75.91	14.20
SR GRID	0.044	0.00	0.69	9.19	9.88	75.91	14.20

RegionRegion	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	4649	0	100.9	49.3	-0.5	141
	Haryana	6435	0	111.1	77.9	-2.1	136
	Rajasthan	9325	488	200.4	75.7	1.5	180
	Delhi	3382	0	63.9	54.8	0.1	110
	UP	12909	0	275.1	85.0	0.9	612
	Uttarakhand	1714	0	33.8	20.8	0.0	146
	HP	1306	0	26.7	16.8	0.4	165
	J&K	1877	469	36.5	32.4	-3.3	32
	Chandigarh	183	0	3.3	3.5	-0.2	20
WR	Chhattisgarh	3213	0	70.9	10.2	-0.9	106
	Gujarat	10737	0	239.6	68.4	-4.4	528
	MP	9521	0	207.0	131.6	-2.1	332
	Maharashtra	20158	0	424.8	124.9	0.8	419
	Goa	450	0	9.3	7.9	0.9	68
	DD	295	0	6.5	6.4	0.1	29
	DNH	744	0	16.9	17.2	-0.3	-8
	Essar steel	373	0	6.6	6.6	0.0	142
	Andhra Pradesh	6978	0	162.1	20.0	3.9	551
SR	Telangana	7561	0	154.3	73.7	0.5	226
	Karnataka	8617	750	198.6	89.5	6.3	610
	Kerala	3428	0	65.1	51.4	2.3	279
	Tamil Nadu	12972	0	277.2	125.6	-1.4	545
	Pondy	341	0	7.0	7.1	-0.1	36
	Bihar	3743	0	69.2	65.7	-2.3	302
ER	DVC	2569	0	60.7	-35.6	-1.3	345
	Jharkhand	1163	0	23.6	13.7	0.2	135
	Odisha	3828	0	68.8	14.7	-0.7	398
	West Bengal	7460	0	127.0	46.5	-1.5	402
	Sikkim	90	0	1.4	1.3	0.1	20
NER	Arunachal Pradesh	114	7	2.0	1.8	0.2	16
	Assam	1431	8	25.3	18.2	2.2	143
	Manipur	131	7	1.9	2.0	-0.2	9
	Meghalaya	235	10	4.6	4.0	-0.5	39
	Mizoram	72	5	1.2	1.4	-0.2	14
	Nagaland	101	4	1.7	1.8	-0.1	12
	Tripura	215	0	3.6	3.5	-0.4	46

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	17.5	-3.3	-11.7
Day peak (MW)	758.0	-185.0	-597.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	170.8	-201.6	89.0	-62.6	2.1	-2.3
Actual(MU)	182.2	-212.7	98.0	-68.7	2.1	0.9
O/D/U/D(MU)	11.4	-11.1	9.0	-6.0	0.0	3.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4815	10164	2210	1370	34	18593
State Sector	10220	17637	4579	5794	110	38340
Total	15035	27801	6789	7164	143	56933

\*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(शि०प्र०)/  
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	5-Nov-16
								Import=(+ve) /Export =(-ve) for NET (MU)	
SI 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	278	0.0	9.0	-9.0	
2		SASARAM-FATEHPUR	S/C	293	0	3.0	0.0	3.0	
3		GAYA-BALIA	S/C	0	406	0.0	6.0	-6.0	
4	HVDC LINK	PUSAULI B/B	S/C	0	297	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	9	0	6.0	0.0	6.0	
6		PUSAULI-ALLAHABAD	S/C	0	301	0.0	7.0	-7.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	213	267	0.0	2.0	-2.0	
8		PATNA-BALIA	Q/C	0	752	0.0	13.0	-13.0	
9		BIHARSHARIFF-BALIA	D/C	97	260	0.0	2.0	-2.0	
10		BARH-GORAKHPUR	D/C	0	507	0.0	9.0	-9.0	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	19	0	1.0	0.0	1.0	
12		PUSAULI-SAHUPURI	S/C	0	228	0.0	4.0	-4.0	
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	1.0	0.0	1.0	
15		KARMANASA-SAHUPURI	S/C	0	0	1.0	0.0	1.0	
16	132 KV	KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
<b>ER-NR</b>						<b>12.0</b>	<b>52.0</b>	<b>-40.0</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	315	471	0.0	2.0	-2.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	668	0	8.0	0.0	8.0	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	211	0	2.0	0.0	2.0	
20		JHARSUGUDA-RAIGARH	S/C	180	0	2.0	0.0	2.0	
21		IBEUL-RAIGARH	S/C	49	0	2.0	0.0	2.0	
22		STERLITE-RAIGARH	D/C	61	131	0.0	1.0	-1.0	
23	220 KV	RANCHI-SIPAT	D/C	361	0	4.0	0.0	4.0	
24		BUDHIPADAR-RAIGARH	S/C	58	87	0.0	0.0	0.0	
25		BUDHIPADAR-KORBA	D/C	188	0	3.0	0.0	3.0	
<b>ER-WR</b>						<b>21.0</b>	<b>3.0</b>	<b>18.0</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	330	0.0	15.0	-15.0	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2260	0.0	45.0	-45.0	
28		TALCHER-I/C		0.0	1199	0.0	20.0	-20.0	
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
<b>ER-SR</b>						<b>0.0</b>	<b>60.0</b>	<b>-60.0</b>	
<b>Import/Export of ER (With NER)</b>									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	1028	0.0	16.0	-16	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	3.0	-3	
<b>ER-NER</b>						<b>0.0</b>	<b>19.0</b>	<b>-19.0</b>	
<b>Import/Export of NR (With NER)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	687	0	16.4	0.0	16.4	
<b>NR-NER</b>						<b>16.4</b>	<b>0.0</b>	<b>16.4</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	VCHAL B/B	D/C	500	0	11.0	0.0	11.0	
34	HVDC	APL -MHG	D/C	0	1815	0.0	44.0	-44.0	
35	765 KV	GWALIOR-AGRA	D/C	0	2780	0.0	53.0	-53.0	
36	765 KV	PHAGI-GWALIOR	D/C	0	1692	0.0	36.6	-36.6	
37	400 KV	ZERDA-KANKROLI	S/C	18	151	0.0	2.0	-2.0	
38	400 KV	ZERDA -BHINMAL	S/C	4	236	0.0	3.0	-3.0	
39	400 KV	VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
40	400KV	RAPP-SHUJALPUR	D/C	0	0	0.0	0.0	0.0	
41	220 KV	BADOD-KOTA	S/C	60	8	1.0	0.0	1.0	
42		BADOD-MORAK	S/C	13	38	0.0	0.0	0.0	
43		MEHGAON-AURAIYA	S/C	77	0	1.0	0.0	1.0	
44		MALANPUR-AURAIYA	S/C	32	6	0.0	0.0	0.0	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>13.0</b>	<b>138.6</b>	<b>-125.6</b>	
<b>Import/Export of WR (With SR)</b>									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	2137	0.0	43.0	-43.0	
49	400 KV	KOLHAPUR-KUDGI	D/C	54	572	0.0	7.0	-7.0	
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
52		XELDEM-AMBEWADI	S/C	80	0	1.0	0.0	1.0	
<b>WR-SR</b>						<b>1.0</b>	<b>74.0</b>	<b>-73.0</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						17.5	
55		NEPAL						-3.3	
56		BANGLADESH						-11.7	