



**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: 01 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 31.10.2016.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 31 अक्टूबर 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 31<sup>st</sup> October 2016, is available at the NLDC website.

[http://posoco.in/download/01-11-16\\_nldc\\_psp/?wpdmdl=7294](http://posoco.in/download/01-11-16_nldc_psp/?wpdmdl=7294)

Thanking You.



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

Report for previous day

Date of Reporting

1-Nov-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	37652	38149	35350	19202	2398	132751
Peak Shortage (MW)	441	0	41	0	109	591
Energy Met (MU)	784	850	822	357	41	2855
Hydro Gen(MU)	132	27	31	48	11	249
Wind Gen(MU)	6	25	20	-----	-----	50
Solar Gen (MU)*	3.19	9.71	10.20	0.04	0.03	23

**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	0.037	0.00	0.00	3.87	3.87	68.54	27.59
SR GRID	0.037	0.00	0.00	3.87	3.87	68.54	27.59

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	4026	0	84.0	41.7	0.7	274
	Haryana	5335	0	92.9	61.1	-2.0	205
	Rajasthan	8481	0	177.7	54.2	3.3	532
	Delhi	2813	0	57.5	47.4	1.0	217
	UP	15388	0	290.6	109.8	-3.1	623
	Uttarakhand	1502	0	26.5	13.4	-1.1	180
	HP	917	0	16.2	9.1	-0.4	67
	J&K	1765	441	35.9	31.9	-3.0	0
WR	Chandigarh	152	0	2.7	3.3	-0.6	7
	Chhattisgarh	2819	0	63.6	1.7	-1.5	226
	Gujarat	9004	0	195.0	50.9	-0.4	535
	MP	8666	0	187.7	122.5	-4.7	202
	Maharashtra	17983	0	374.5	101.2	-0.3	321
	Goa	420	0	8.4	7.8	0.0	0
	DD	135	0	2.9	2.9	-0.1	5
	DNH	525	0	11.1	11.1	-0.1	68
SR	Essar steel	344	0	7.3	6.6	0.7	182
	Andhra Pradesh	6963	0	168.2	21.1	1.1	412
	Telangana	7387	0	147.8	69.7	1.6	361
	Karnataka	8850	0	192.6	70.1	6.9	577
	Kerala	3505	0	62.8	53.6	1.5	348
	Tamil Nadu	11884	0	244.4	130.9	0.1	653
ER	Pondy	323	0	6.5	6.9	-0.4	24
	Bihar	3693	0	69.9	69.1	-2.9	150
	DVC	2637	0	61.0	-24.9	-0.4	125
	Jharkhand	1175	0	21.7	15.1	0.3	90
	Odisha	3842	0	70.9	17.8	-1.3	260
	West Bengal	7948	0	132.6	29.3	-2.1	230
NER	Sikkim	65	0	1.0	1.6	-0.6	15
	Arunachal Pradesh	116	5	1.9	1.8	0.1	14
	Assam	1489	24	24.7	17.3	2.0	167
	Manipur	134	5	2.0	1.8	0.1	10
	Meghalaya	288	16	5.1	2.3	1.1	59
	Mizoram	72	4	1.3	1.2	0.0	14
	Nagaland	99	4	1.8	1.6	0.1	30
Tripura	250	1	4.4	2.2	2.1	101	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	20.5	-2.3	-13.1
Day peak (MW)	1016.1	-205.0	-606.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	176.5	-169.8	94.5	-69.1	2.5	34.6
Actual(MU)	155.2	-158.1	97.8	-74.9	7.3	27.3
O/D/U/D(MU)	-21.3	11.7	3.3	-5.7	4.8	-7.3

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5100	11724	3210	870	448	21352
State Sector	11050	20683	4691	6224	110	42758
Total	16150	32407	7901	7094	558	64110

\*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 :	1-Nov-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	273	0.0	8.9	-8.9	
2		SASARAM-FATEHPUR	S/C	305	0	3.8	0.0	3.8	
3		GAYA-BALIA	S/C	0	320	0.0	6.0	-6.0	
4	HVDC LINK	PUSAULI B/B	S/C	0	297	0.0	7.3	-7.3	
5	400 KV	PUSAULI-SARNATH	S/C	9	0	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	301	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	279	264	0.0	2.7	-2.7	
8		PATNA-BALIA	Q/C	0	562	0.0	11.5	-11.5	
9		BIHARSHARIFF-BALIA	D/C	112	83	0.0	1.0	-1.0	
10		BARH-GORAKHPUR	D/C	0	442	0.0	9.7	-9.7	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	23	0	1.0	0.0	1.0	
12		PUSAULI-SAHUPURI	S/C	0	213	0.0	4.2	-4.2	
13		SONE NAGAR-RIHAND	S/C	0	0	0.5	0.0	0.5	
14		GARWAH-RIHAND	S/C	35	0	0.9	0.0	0.9	
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
16	132 KV	KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
<b>ER-NR</b>						<b>6.2</b>	<b>51.1</b>	<b>-44.9</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	285	540	0.0	1.8	-1.8	
18		NEW RANCHI-DHARAMJAIGARH	D/C	618	82	6.5	0.0	6.5	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	200	0	2.5	0.0	2.5	
20		JHARSUGUDA-RAIGARH	S/C	194	0	2.8	0.0	2.8	
21		IBEUL-RAIGARH	S/C	49	0	2.0	0.0	2.0	
22		STERLITE-RAIGARH	D/C	53	188	0.0	1.3	-1.3	
23	220 KV	RANCHI-SIPAT	D/C	348	0	4.4	0.0	4.4	
24		BUDHIPADAR-RAIGARH	S/C	39	70	0.0	0.2	-0.2	
25		BUDHIPADAR-KORBA	D/C	190	0	3.1	0.0	3.1	
<b>ER-WR</b>						<b>21.3</b>	<b>3.3</b>	<b>17.9</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	327	0.0	15.5	-15.5	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1973	0.0	40.9	-40.9	
28		TALCHER-I/C		0.0	1465	0.0	24.0	-24.0	
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>56.4</b>	<b>-56.4</b>	
<b>Import/Export of ER (With NER)</b>									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	7	1277	0.0	19.1	-19	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	3.2	-3	
<b>ER-NER</b>						<b>0.0</b>	<b>22.3</b>	<b>-22.3</b>	
<b>Import/Export of NR (With NER)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	682	0	16.6	0.0	16.6	
<b>NR-NER</b>						<b>16.6</b>	<b>0.0</b>	<b>16.6</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	VCHAL B/B	D/C	500	0	12.1	0.0	12.1	
34	HVDC	APL -MHG	D/C	0	1010	0.0	25.0	-25.0	
35	765 KV	GWALIOR-AGRA	D/C	0	2380	0.0	47.0	-47.0	
36	765 KV	PHAGI-GWALIOR	D/C	0	1380	0.0	27.2	-27.2	
37	400 KV	ZERDA-KANKROLI	S/C	46	160	0.0	1.6	-1.6	
38	400 KV	ZERDA -BHINMAL	S/C	20	259	0.0	3.4	-3.4	
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	80	30	0.9	0.0	0.9	
42		BADOD-MORAK	S/C	38	54	0.3	0.2	0.1	
43		MEHGAON-AURAIYA	S/C	48	0	0.9	0.0	0.9	
44		MALANPUR-AURAIYA	S/C	23	21	0.2	0.1	0.1	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>14.5</b>	<b>104.4</b>	<b>-89.9</b>	
<b>Import/Export of WR (With SR)</b>									
46	HVDC	BHADRAWATI B/B	-	0	1000	0.0	0.0	0.0	
47	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48	765 KV	SOLAPUR-RAICHUR	D/C	0	2309	0.0	44.2	-44.2	
49	400 KV	KOLHAPUR-KUDGI	D/C	0	476	0.0	7.9	-7.9	
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	78	0	1.5	0.0	1.5	
<b>WR-SR</b>						<b>1.5</b>	<b>52.1</b>	<b>-50.6</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						20.5	
55		NEPAL						-2.3	
56		BANGLADESH						-13.1	