



**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: 30<sup>th</sup> Oct, 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 29.10.2016.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29 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 29<sup>th</sup> October 2016, is available at the NLDC website.

[http://posoco.in/download/30-10-16\\_nldc\\_psp/?wpdmdl=7281](http://posoco.in/download/30-10-16_nldc_psp/?wpdmdl=7281)

Thanking You.



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

Report for previous day

Date of Reporting

30-Oct-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42782	43210	35143	18743	2367	142245
Peak Shortage (MW)	426	11	0	300	93	830
Energy Met (MU)	884	987	849	362	41	3123
Hydro Gen(MU)	133	41	46	52	11	284
Wind Gen(MU)	13	11	40	-----	-----	64
Solar Gen (MU)*	0.89	10.07	12.80	0.01	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	0.032	0.00	0.00	3.40	3.40	78.29	18.31
SR GRID	0.032	0.00	0.00	3.40	3.40	78.29	18.31

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	5165	0	110.5	54.9	-0.4	176
	Haryana	6408	0	114.8	81.4	-1.5	188
	Rajasthan	9202	0	194.9	63.9	0.1	205
	Delhi	3298	0	67.0	57.4	0.4	209
	UP	15398	0	302.8	116.8	0.0	863
	Uttarakhand	1667	0	33.0	20.3	-1.3	145
	HP	1263	0	23.2	15.8	-0.3	105
	J&K	1714	428	35.0	32.1	-4.4	0
	Chandigarh	167	0	3.2	3.7	-0.5	10
WR	Chhattisgarh	3217	0	72.7	12.7	-1.9	396
	Gujarat	11948	8	262.0	68.3	-1.9	502
	MP	8941	0	198.3	122.0	-2.9	295
	Maharashtra	19548	0	417.0	109.9	1.8	630
	Goa	365	0	7.5	8.0	-1.0	32
	DD	276	0	6.2	6.3	-0.2	8
	DNH	731	0	16.8	17.2	-0.4	36
	Essar steel	322	0	6.4	6.8	-0.4	185
	Andhra Pradesh	7367	0	165.5	30.4	5.9	904
SR	Telangana	7789	0	159.8	74.1	0.8	454
	Karnataka	9574	0	207.7	82.6	6.1	662
	Kerala	3357	0	65.3	53.2	2.5	234
	Tamil Nadu	10655	0	245.4	104.0	1.3	585
	Pondy	277	0	5.7	5.9	-0.2	24
	Bihar	3592	0	67.1	66.8	-1.5	0
ER	DVC	2661	0	62.2	-33.9	-1.2	0
	Jharkhand	1167	0	21.4	15.1	0.0	0
	Odisha	3971	0	72.9	16.0	-1.4	0
	West Bengal	7640	0	136.2	38.0	-0.3	0
	Sikkim	73	0	1.3	1.4	-0.1	0
NER	Arunachal Pradesh	123	0	2.0	1.9	0.2	12
	Assam	1491	1	25.2	18.1	2.4	141
	Manipur	138	0	2.0	1.6	0.4	55
	Meghalaya	288	1	5.2	2.3	0.8	78
	Mizoram	71	2	1.4	1.3	0.0	8
	Nagaland	103	2	1.5	1.8	-0.3	15
	Tripura	238	2	3.7	3.3	-0.1	72

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	22.6	-2.9	-12.6
Day peak (MW)	1015.9	-204.2	-589.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	211.9	-196.8	82.7	-97.6	0.0	0.2
Actual(MU)	208.6	-210.3	92.9	-98.1	2.2	-4.7
O/D/U/D(MU)	-3.3	-13.5	10.2	-0.5	2.2	-4.8

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5600	11724	3210	930	85	21549
State Sector	10550	17991	6211	6244	110	41106
Total	16150	29715	9421	7174	195	62655

\*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 :	30-Oct-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	409	0.0	14.5	-14.5	
2		SASARAM-FATEHPUR	S/C	258	87	1.2	0.0	1.2	
3		GAYA-BALIA	S/C	0	379	0.0	7.6	-7.6	
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	5.4	0.0	5.4	
6		PUSAULI-ALLAHABAD	S/C	0	301	0.0	7.1	-7.1	
7		MUZAFFARPUR-GORAKHPUR	D/C	6	743	0.0	12.0	-12.0	
8		PATNA-BALIA	Q/C	0	783	0.0	14.4	-14.4	
9		BIHARSHARIFF-BALIA	D/C	3	282	0.0	4.5	-4.5	
10		BARH-GORAKHPUR	D/C	0	475	0.0	9.2	-9.2	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	23	0	0.0	2.3	-2.3	
12		PUSAULI-SAHUPURI	S/C	0	241	0.0	4.8	-4.8	
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
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>7.5</b>	<b>76.5</b>	<b>-69.0</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	887	0.0	13.5	-13.5	
18		NEW RANCHI-DHARAMJAIGARH	D/C	595	71	4.6	0.0	4.6	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	206	0	1.9	0.0	1.9	
20		JHARSUGUDA-RAIGARH	S/C	184	0	2.6	0.0	2.6	
21		IBEUL-RAIGARH	S/C	49	0	1.9	0.0	1.9	
22		STERLITE-RAIGARH	D/C	0	316	0.0	3.7	-3.7	
23		RANCHI-SIPAT	D/C	300	0	3.5	0.0	3.5	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	26	102	0.0	0.8	-0.8	
25		BUDHIPADAR-KORBA	D/C	135	0	1.6	0.0	1.6	
<b>ER-WR</b>						<b>16.1</b>	<b>18.0</b>	<b>-1.9</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	327	0.0	16.1	-16.1	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1966	0.0	41.9	-41.9	
28		TALCHER-I/C			518.2	992	0.0	3.0	-3.0
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>58.0</b>	<b>-58.0</b>	
<b>Import/Export of ER (With NER)</b>									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	583	847	0.0	0.4	0	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	1.2	-1	
<b>ER-NER</b>						<b>0.0</b>	<b>1.6</b>	<b>-1.6</b>	
<b>Import/Export of NR (With NER)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	500	300	1.3	3.0	1.7	
<b>NR-NER</b>						<b>1.3</b>	<b>3.0</b>	<b>1.7</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	VCHAL B/B	D/C	0	300	0.0	1.2	-1.2	
34	HVDC	APL -MHG	D/C	0	2318	0.0	55.6	-55.6	
35	765 KV	GWALIOR-AGRA	D/C	0	2540	0.0	56.0	-56.0	
36	765 KV	PHAGI-GWALIOR	D/C	0	1550	0.0	33.1	-33.1	
37	400 KV	ZERDA-KANKROLI	S/C	91	101	0.0	0.2	-0.2	
38	400 KV	ZERDA -BHINMAL	S/C	95	168	0.0	1.1	-1.1	
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	52	3	0.7	0.0	0.7	
42		BADOD-MORAK	S/C	32	39	0.2	0.2	0.0	
43		MEHGAON-AURAIYA	S/C	47	0	0.8	0.0	0.8	
44		MALANPUR-AURAIYA	S/C	7	1	0.0	0.1	0.0	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>1.7</b>	<b>147.4</b>	<b>-145.7</b>	
<b>Import/Export of WR (With SR)</b>									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	20.7	-20.7	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	2116	0.0	40.4	-40.4	
49	400 KV	KOLHAPUR-KUDGI	D/C	0	490	0.0	8.1	-8.1	
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	1.5	0.0	1.5	
<b>WR-SR</b>						<b>1.5</b>	<b>69.2</b>	<b>-67.7</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						22.6	
55		NEPAL						-2.9	
56		BANGLADESH						-12.6	