



**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: 21<sup>st</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 20.10.2016.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 20 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 20<sup>th</sup> October 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Oct%202016/21.10.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Oct%202016/21.10.16_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

21-Oct-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42004	46324	38223	18615	2344	147510
Peak Shortage (MW)	810	70	700	150	133	1863
Energy Met (MU)	893	1001	901	377	43	3214
Hydro Gen(MU)	155	48	90	78	12	382
Wind Gen(MU)	15	19	18	-----	-----	51
Solar Gen (MU)*	3.47	11.12	11.00	0.04	0.03	26

**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	0.058	0.00	1.40	15.57	16.97	75.73	7.30
SR GRID	0.058	0.00	1.40	15.57	16.97	75.73	7.30

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	5618	0	117.0	61.7	-1.2	188
	Haryana	7187	0	132.0	97.3	-1.7	230
	Rajasthan	8815	0	195.3	62.1	0.6	234
	Delhi	3973	0	78.4	62.6	0.6	288
	UP	12306	0	273.3	101.0	-0.6	364
	Uttarakhand	1804	0	35.3	20.4	0.9	153
	HP	1275	0	23.4	13.8	0.3	92
	J&K	1764	441	34.4	29.0	-4.3	0
	Chandigarh	202	0	3.8	4.0	-0.2	11
WR	Chhattisgarh	3268	0	58.9	11.2	-2.2	222
	Gujarat	13684	0	301.2	76.5	-10.1	272
	MP	7943	0	171.0	106.8	-2.4	744
	Maharashtra	20246	0	428.3	137.1	0.2	516
	Goa	456	0	9.8	8.4	0.8	114
	DD	318	0	7.2	7.2	0.0	15
	DNH	778	0	17.6	17.9	-0.3	16
	Essar steel	615	0	6.5	6.6	-0.1	124
	Andhra Pradesh	7293	0	163.9	19.0	1.7	416
SR	Telangana	7594	0	158.9	76.1	2.4	300
	Karnataka	8291	500	200.0	62.1	6.9	695
	Kerala	3559	0	67.3	46.2	2.0	268
	Tamil Nadu	13839	0	304.1	137.1	2.2	771
	Pondy	324	0	7.0	6.8	0.1	47
	Bihar	3625	100	69.1	63.8	3.3	285
ER	DVC	2698	0	63.5	-30.2	-1.7	265
	Jharkhand	1077	0	23.2	15.3	1.6	135
	Odisha	3881	0	72.9	13.7	-1.0	405
	West Bengal	7845	0	146.9	35.0	-0.6	333
	Sikkim	94	0	1.2	1.0	0.2	20
NER	Arunachal Pradesh	113	2	1.9	1.9	0.0	25
	Assam	1510	1	27.1	19.5	3.0	205
	Manipur	145	0	2.2	1.7	0.5	59
	Meghalaya	247	2	4.9	1.7	0.9	79
	Mizoram	85	0	1.3	1.3	0.0	15
	Nagaland	111	1	1.8	1.5	0.2	37
	Tripura	260	0	3.9	3.4	0.5	118

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	31.7	-2.8	-13.9
Day peak (MW)	1385.0	-114.2	-639.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	199.3	-187.5	101.2	-102.0	-0.5	10.5
Actual(MU)	200.1	-206.6	102.8	-100.1	3.6	-0.2
O/D/U/D(MU)	0.8	-19.1	1.6	1.9	4.1	-10.7

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5665	14238	3460	1895	84	25342
State Sector	11520	14994	6247	6514	110	39385
Total	17185	29232	9707	8409	193	64727

\*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 :	21-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	383	0.0	13.0	-13.0	
2		SASARAM-FATEHPUR	S/C	73	191	0.0	1.0	-1.0	
3		GAYA-BALIA	S/C	0	339	0.0	5.0	-5.0	
4	HVDC LINK	PUSAULI B/B	S/C	3	195	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	9	0	4.0	0.0	4.0	
6		PUSAULI-ALLAHABAD	S/C	202	199	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	27	570	0.0	9.0	-9.0	
8		PATNA-BALIA	Q/C	0	842	0.0	16.0	-16.0	
9		BIHARSHARIFF-BALIA	D/C	57	213	0.0	3.0	-3.0	
10		BARH-GORAKHPUR	D/C	0	497	0.0	11.0	-11.0	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	19	0	0.0	2.0	-2.0	
12		PUSAULI-SAHUPURI	S/C	0	196	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	0.0	0.0	0.0	
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>5.0</b>	<b>64.0</b>	<b>-59.0</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	35	485	0.0	6.0	-6.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	401	58	4.0	0.0	4.0	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	197	0	3.0	0.0	3.0	
20		JHARSUGUDA-RAIGARH	S/C	218	0	3.0	0.0	3.0	
21		IBEUL-RAIGARH	S/C	154	2	2.0	0.0	2.0	
22		STERLITE-RAIGARH	D/C	151	0	2.0	0.0	2.0	
23		RANCHI-SIPAT	D/C	272	0	4.0	0.0	4.0	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	131	0.0	2.0	-2.0	
25		BUDHIPADAR-KORBA	D/C	139	0	2.0	0.0	2.0	
<b>ER-WR</b>						<b>20.0</b>	<b>8.0</b>	<b>12.0</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	332	0.0	16.0	-16.0	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1971	0.0	42.0	-42.0	
28		TALCHER-I/C		0.0	906	0.0	16.0	-16.0	
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	0	749	0.0	12.0	-12	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	3.0	-3	
<b>ER-NER</b>						<b>0.0</b>	<b>15.0</b>	<b>-15.0</b>	
<b>Import/Export of NR (With NER)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.7	0.0	11.7	
<b>NR-NER</b>						<b>11.7</b>	<b>0.0</b>	<b>11.7</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	VCHAL B/B	D/C	250	0	6.0	0.0	6.0	
34	HVDC	APL -MHG	D/C	0	2016	0.0	46.0	-46.0	
35	765 KV	GWALIOR-AGRA	D/C	0	3078	0.0	57.0	-57.0	
36	765 KV	PHAGI-GWALIOR	D/C	0	1716	0.0	34.7	-34.7	
37	400 KV	ZERDA-KANKROLI	S/C	103	75	1.0	0.0	1.0	
38	400 KV	ZERDA -BHINMAL	S/C	114	176	0.0	0.0	0.0	
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	31	1	1.0	0.0	1.0	
42		BADOD-MORAK	S/C	5	28	0.0	0.0	0.0	
43		MEHGAON-AURAIYA	S/C	48	4	1.0	0.0	1.0	
44		MALANPUR-AURAIYA	S/C	21	23	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>9.0</b>	<b>137.7</b>	<b>-128.7</b>	
<b>Import/Export of WR (With SR)</b>									
46	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0	
47	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48	765 KV	SOLAPUR-RAICHUR	D/C	0	2154	0.0	39.0	-39.0	
49	400 KV	KOLHAPUR-KUDGI	D/C	31	264	0.0	3.0	-3.0	
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	89	0	1.0	0.0	1.0	
<b>WR-SR</b>						<b>1.0</b>	<b>66.0</b>	<b>-65.0</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						31.7	
55		NEPAL						-2.8	
56		BANGLADESH						-13.9	