



**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, 2015

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. Executive Director, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
कार्यपालक निदेशक, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, 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. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009  
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 20.10.2015.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 20<sup>th</sup> Oct 2015 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर निम्न लिंक 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> Oct 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/21.10.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/21.10.15_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

21-Oct-15

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42465	47617	34701	17447	2267	144497
Peak Shortage (MW)	838	228	1400	200	152	2818
Energy Met (MU)	938	1131	819	372	41	3301
Hydro Gen(MU)	166	39	46	49	15	316
Wind Gen(MU)	8	10	9	-----	-----	26

**B. Frequency Profile (%)**

Region	<49.2	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.00	0.00	0.05	8.16	8.21	76.63	15.16
SR GRID	0.00	0.00	0.05	8.16	8.21	76.63	15.16

**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	5722	0	119.5	50.8	0.6	271
	Haryana	7176	0	136.4	65.6	0.0	250
	Rajasthan	9911	0	217.4	69.9	2.0	270
	Delhi	4100	0	86.3	75.0	-0.8	98
	UP	12809	1040	280.0	125.6	-0.3	231
	Uttarakhand	1773	0	35.3	18.4	2.6	194
	HP	1237	0	24.1	15.2	0.6	132
	J&K	1872	468	35.1	25.0	-2.2	114
	Chandigarh	208	0	4.0	4.0	0.3	14
WR	Chhattisgarh	3733	96	87.4	37.1	0.1	198
	Gujarat	14339	0	316.2	63.7	-1.4	298
	MP	10198	0	230.8	126.8	-2.6	167
	Maharashtra	20959	201	462.0	138.9	-2.5	363
	Goa	439	0	9.1	8.4	0.4	41
	DD	304	0	6.7	6.7	0.0	41
	DNH	717	0	16.6	16.6	0.0	24
	Essar steel	233	0	1.9	1.8	0.1	79
	SR	Andhra Pradesh	6850	0	152.0	21.7	-0.4
Telangana		6780	0	152.0	104.8	0.0	220
Karnataka		7266	1200	162.4	29.9	4.6	608
Kerala		3472	0	65.1	39.4	2.8	315
Tamil Nadu		12923	0	280.4	130.7	7.4	447
Pondy		313	0	6.7	6.7	0.0	30
ER	Bihar	3414	150	69.3	68.1	1.2	130
	DVC	2504	0	59.2	-21.3	-0.3	165
	Jharkhand	1040	0	25.0	12.6	0.2	0
	Odisha	3373	0	70.0	14.2	2.0	210
	West Bengal	7130	0	147.4	42.4	-1.4	0
	Sikkim	83	0	1.2	0.6	0.6	36
NER	Arunachal Pradesh	110	1	2.0	1.8	0.1	46
	Assam	1324	94	25.6	19.0	2.3	195
	Manipur	144	3	2.3	2.1	0.2	52
	Meghalaya	284	1	4.3	2.5	-0.8	75
	Mizoram	79	1	1.2	1.2	0.0	16
	Nagaland	110	3	1.8	1.7	0.1	17
	Tripura	259	1	4.0	1.9	0.0	19

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	17.0	-1.8	-11.0
Max MW		-127.0	-467.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	162.0	-143.7	67.3	-84.3	0.4	1.7
Actual(MU)	167.3	-166.2	77.2	-83.3	1.9	-3.1
O/D/U/D(MU)	5.3	-22.5	9.9	1.0	1.5	-4.8

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4225	9623	2840	1100	0	17788
State Sector	8440	9290	2288	4849	110	24977
Total	12665	18913	5128	5949	110	42765

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्र०)/  
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
Date of Reporting : 21-Oct-15								
Import=(+ve) /Export =(-ve)								
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-FATEHPUR	S/C	0	-304	0.0	-5.0	-5.0
		GAYA-BALIA	S/C	0	0	0.0	-4.0	-4.0
2		SASARAM-FATEHPUR	S/C	0	0	0.0	0.0	0.0
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0	-9	-9
4	400 KV	PUSAULI-SARNATH	S/C	0	-244	0	0	0
5		PUSAULI -ALLAHABAD	D/C	0	-170	0	0	0
6		MUZAFFARPUR-GORAKHPUR	D/C	81	-345	0	-5	-5
7		PATNA-BALIA	Q/C	0	-223	0	-9	-9
8		BIHARSHARIFF-BALIA	D/C	71	-177	0	-2	-2
		BARH-GORAKHPUR	D/C	0	0	0	-7	-7
10	220 KV	PUSAULI-SAHUPURI	S/C	0	-217	0.0	-4.0	-4.0
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
12		GARWAH-RIHAND	S/C	35	0	1.0	0.0	1.0
13		KARMANASA-SAHUPURI	S/C	0	-1	0.0	0.0	0.0
14		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>1.0</b>	<b>-45.0</b>	<b>-44.0</b>
<b>Import/Export of ER (With WR)</b>								
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	-876	0	-16.0	-15.0	-15.6
16		NEW RANCHI-DHARAMJAIGARH	S/C	-147	64	-2.0	-2.0	-1.5
17	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	1.0	0.0	1.0
18		JHARSUGUDA-RAIGARH	S/C	0	0	4.0	0.0	4.0
19		IBEUL-RAIGARH	S/C	0	0	4.0	0.0	4.0
20		STERLITE-RAIGARH	D/C	0	0	3.0	-5.9	-5.9
21		RANCHI-SIPAT	D/C	0	0	0.0	-0.1	-0.1
22	220 KV	BUDHIPADAR-RAIGARH	S/C	277	0	3.0	0.0	3.0
23		BUDHIPADAR-KORBA	D/C	0	-174	0.0	-3.0	-3.0
<b>ER-WR</b>						<b>-3.0</b>	<b>-26.0</b>	<b>-14.1</b>
<b>Import/Export of ER (With SR)</b>								
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-739	0	-17.0	-17.0
25		TALCHER-KOLAR BIPOLE	D/C	0	-2349	0	-50.0	-50.0
26	400 KV	TALCHER-I/C		0	0	0	0	0
27	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0
<b>ER-SR</b>						<b>0.0</b>	<b>-67.0</b>	<b>-67.0</b>
<b>Import/Export of ER (With NER)</b>								
27	400 KV	BINAGURI-BONGAIGAON	Q/C	60	-228	0	-1	-1
28	220 KV	BIRPARA-SALAKATI	D/C	0	-104	0	-1	-1
<b>ER-NER</b>						<b>0.0</b>	<b>-2.0</b>	<b>-2.0</b>
<b>Import/Export of NR (With NER)</b>								
29	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	0	0.0
<b>NR-NER</b>						<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Import/Export of WR (With NR)</b>								
30	HVDC	V'CHAL B/B	D/C	0	-50	0.0	-1.0	-1.2
31	765 KV	GWALIOR-AGRA	D/C	0	-2816	0.0	-57.0	-57.5
32	765 KV	PHAGI-GWALIOR	D/C	0	-980	0	-19	-19
33	400 KV	ZERDA-KANKROLI	S/C	67	-53	0.0	0.0	0.3
34	400 KV	ZERDA -BHINMAL	S/C	48	-162	0.0	-1.0	-1.2
35	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
36	220 KV	BADOD-KOTA	S/C	72	0	1.0	0.0	0.9
37		BADOD-MORAK	S/C	25	-41	0.0	0.0	-0.2
38		MEHGAON-AURAIYA	S/C	86	0	1.0	0.0	1.5
39		MALANPUR-AURAIYA	S/C	40	0	1.0	0.0	0.5
40	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>3.0</b>	<b>-78.4</b>	<b>-76.3</b>
41	HVDC	APL -MHG	D/C	0	-2131	0.0	-51.0	-51.1
<b>Import/Export of WR (With SR)</b>								
42	HVDC LINK	BHADRAWATI B/B	-	0	-1000	0.0	-24.0	-23.7
43		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
44	765 KV	SOLAPUR-RAICHUR	D/C	0	-1677	0.0	-31.0	-31.3
45		KOLHAPUR-CHIKODI	D/C	0	-205	0.0	-5.0	-4.7
46		220 KV	PONDA-AMBEWADI	S/C	0	0	0.0	0.0
47		XELDEM-AMBEWADI	S/C	92	0	2.0	0.0	1.9
<b>WR-SR</b>						<b>2.0</b>	<b>-60.0</b>	<b>-57.8</b>
<b>TRANSNATIONAL EXCHANGE</b>								
47		BHUTAN						17.0
48		NEPAL						-1.8
49		BANGLADESH						-11.0