



**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: 20<sup>th</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 19.10.2015.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 19<sup>th</sup> Oct 2015 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 19<sup>th</sup> Oct 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/20.10.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/20.10.15_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

20-Oct-15

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42529	47561	33935	17679	2230	143934
Peak Shortage (MW)	1743	303	1523	0	176	3745
Energy Met (MU)	913	1124	804	380	40	3261
Hydro Gen(MU)	159	49	51	59	15	333
Wind Gen(MU)	15	8	11	-----	-----	34

**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	0.59	14.12	14.71	70.46	14.83
SR GRID	0.00	0.00	0.59	14.12	14.71	70.46	14.83

**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	5055	0	110.8	53.8	0.9	150
	Haryana	7209	0	136.9	73.0	-0.5	184
	Rajasthan	9378	489	218.6	63.3	2.6	350
	Delhi	4062	0	84.7	71.2	-1.0	220
	UP	12114	3495	271.1	117.0	-0.5	349
	Uttarakhand	1708	0	34.7	17.8	2.6	300
	HP	1238	0	23.5	14.8	0.8	167
	J&K	1842	460	28.7	24.1	-5.7	226
WR	Chandigarh	214	0	4.0	4.0	0.3	32
	Chhattisgarh	3665	96	85.4	35.4	1.3	231
	Gujarat	14523	30	319.0	64.4	-2.1	362
	MP	10050	0	225.9	123.1	-4.5	245
	Maharashtra	21064	350	459.9	134.4	-0.4	389
	Goa	454	0	9.2	8.4	0.7	126
	DD	305	0	6.7	6.7	0.0	15
	DNH	682	0	15.7	15.8	-0.1	31
SR	Essar steel	258	0	1.9	2.0	0.0	65
	Andhra Pradesh	6514	0	151.6	16.2	5.9	799
	Telangana	6644	0	153.5	104.2	1.9	230
	Karnataka	6892	1800	155.7	26.4	5.6	592
	Kerala	3426	0	63.6	37.8	0.4	279
	Tamil Nadu	12890	0	273.0	124.7	1.7	541
ER	Pondy	327	0	6.7	6.5	0.2	43
	Bihar	3395	0	67.7	67.8	-1.0	178
	DVC	2505	0	59.7	-20.4	-0.5	201
	Jharkhand	962	0	24.8	12.4	0.4	0
	Odisha	3401	0	72.3	19.8	1.0	310
	West Bengal	7493	0	154.1	49.6	-0.5	58
NER	Sikkim	89	0	1.6	0.7	0.9	39
	Arunachal Pradesh	105	6	2.0	1.9	0.1	27
	Assam	1305	135	25.0	19.2	1.0	220
	Manipur	141	6	2.2	2.2	0.0	53
	Meghalaya	273	1	4.2	2.6	-1.1	99
	Mizoram	70	4	1.2	1.3	-0.1	12
	Nagaland	108	5	1.7	1.6	0.0	18
Tripura	245	0	3.6	1.9	-0.3	61	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	16.8	-2.4	-11.2
Max MW		-154.1	-472.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	153.8	-147.4	61.9	-69.7	0.8	-0.6
Actual(MU)	159.8	-167.2	72.2	-67.3	0.0	-2.5
O/D/U/D(MU)	6.0	-19.8	10.3	2.4	-0.8	-1.9

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4225	9958	2420	1100	0	17703
State Sector	7445	9710	2288	5059	110	24612
Total	11670	19668	4708	6159	110	42315

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

<b>INTER-REGIONAL EXCHANGES</b>								
Date of Reporting : 20-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	49	-213	0.0	-4.0	-4.0
		GAYA-BALIA	S/C	0	0	0.0	-3.0	-3.0
2		SASARAM-FATEHPUR	S/C	0	0	1.0	0.0	1.0
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	-145	0	0	0
6		MUZAFFARPUR-GORAKHPUR	D/C	165	-326	0	-4	-4
7		PATNA-BALIA	Q/C	0	-215	0	-8	-8
8		BIHARSHARIFF-BALIA	D/C	132	-173	0	-2	-2
	220 KV	BARH-GORAKHPUR	D/C	0	0	0	-6	-6
10		PUSAULI-SAHUPURI	S/C	0	-193	0.0	-3.0	-3.0
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
12		GARWAH-RIHAND	S/C	41	-13	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>2.0</b>	<b>-39.0</b>	<b>-37.0</b>
<b>Import/Export of ER (With WR)</b>								
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	-791	0	-13.0	-14.0	-13.2
16		NEW RANCHI-DHARAMJAIGARH	S/C	-146	86	-1.0	-1.0	-1.0
17	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.0	0.0	2.0
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	300	0	3.0	0.0	3.0
23		BUDHIPADAR-KORBA	D/C	0	-168	0.0	-2.0	-2.0
<b>ER-WR</b>						<b>2.0</b>	<b>-23.0</b>	<b>-9.2</b>
<b>Import/Export of ER (With SR)</b>								
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-639	0	-13.0	-13.0
25	400 KV	TALCHER-KOLAR BIPOLE	D/C	0	-2159	0	-49.0	-49.0
26		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>-62.0</b>	<b>-62.0</b>
<b>Import/Export of ER (With NER)</b>								
27	400 KV	BINAGURI-BONGAIGAON	Q/C	167	-264	1	0	1
28	220 KV	BIRPARA-SALAKATI	D/C	0	-114	0	-1	-1
<b>ER-NER</b>						<b>1.0</b>	<b>-1.0</b>	<b>0.0</b>
<b>Import/Export of NR (With NER)</b>								
29	HVDC	BISWANATH CHARIALI-AGRA	-	150	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	50	-50	1.0	-1.0	-0.2
31	765 KV	GWALIOR-AGRA	D/C	0	-2908	0.0	-57.0	-56.5
32	765 KV	PHAGI-GWALIOR	D/C	0	-1118	0	-20	-20
33	400 KV	ZERDA-KANKROLI	S/C	106	-71	1.0	0.0	0.7
34	400 KV	ZERDA -BHINMAL	S/C	105	-141	0.0	0.0	0.4
35	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
36	220 KV	BADOD-KOTA	S/C	78	0	1.0	0.0	1.0
37		BADOD-MORAK	S/C	24	-33	0.0	0.0	-0.1
38		MEHGAON-AURAIYA	S/C	89	0	2.0	0.0	1.6
39		MALANPUR-AURAIYA	S/C	45	0	1.0	0.0	0.7
40	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>6.0</b>	<b>-77.7</b>	<b>-72.1</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	BHADRAWATI B/B	-	0	-1000	0.0	-24.0	-23.9
43	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
44	765 KV	SOLAPUR-RAICHUR	D/C	0	-1755	0.0	-31.0	-31.1
45		KOLHAPUR-CHIKODI	D/C	0	-211	0.0	-5.0	-4.6
46	220 KV	PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
47		XELDEM-AMBEWADI	S/C	85	0	2.0	0.0	1.8
<b>WR-SR</b>						<b>2.0</b>	<b>-60.0</b>	<b>-57.8</b>
<b>TRANSNATIONAL EXCHANGE</b>								
47		BHUTAN						<b>16.8</b>
48		NEPAL						<b>-2.4</b>
49		BANGLADESH						<b>-11.2</b>