



**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: 19<sup>th</sup> Sep, 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 18.09.2015.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 18<sup>th</sup> Sep 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 18<sup>th</sup> Sep 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/18.09.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/18.09.15_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

19-Sep-15

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	45970	39099	34425	16316	2243	138053
Peak Shortage (MW)	1906	173	905	300	147	3431
Energy Met (MU)	1082	875	772	359	44	3131
Hydro Gen(MU)	249	28	52	66	17	412
Wind Gen(MU)	12	70	96	-----	-----	178

**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	0.44	14.29	14.73	71.68	13.59
SR GRID	0.00	0.00	0.44	14.29	14.73	71.68	13.59

**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	8835	0	197.1	91.5	-0.4	141
	Haryana	7889	0	168.8	125.6	-3.6	199
	Rajasthan	9963	0	205.2	60.8	-2.7	124
	Delhi	5177	0	114.0	90.4	-1.0	115
	UP	12696	3520	292.0	146.6	0.9	425
	Uttarakhand	1886	0	39.7	17.7	1.6	140
	HP	1276	0	25.2	10.9	0.2	87
	J&K	1672	418	34.0	19.9	0.9	238
WR	Chandigarh	277	0	5.6	5.8	0.3	22
	Chhattisgarh	3335	96	73.8	23.7	1.9	166
	Gujarat	13864	0	304.4	59.9	-2.5	368
	MP	7145	0	143.9	72.0	-2.7	290
	Maharashtra	15185	22	319.1	52.4	-2.2	664
	Goa	354	0	7.2	7.5	-0.9	38
	DD	294	0	6.3	5.7	0.5	58
	DNH	671	0	15.8	15.9	-0.1	38
SR	Essar steel	245	0	4.9	4.3	0.6	141
	Andhra Pradesh	6017	0	134.3	12.6	2.8	525
	Telangana	5835	0	126.1	79.5	-1.7	244
	Karnataka	7143	700	149.6	19.0	1.5	446
	Kerala	3308	200	61.8	38.7	2.2	263
	Tamil Nadu	13196	0	293.2	85.9	6.6	883
ER	Pondy	305	11	6.6	6.2	0.4	45
	Bihar	3274	100	68.7	67.7	1.1	250
	DVC	2409	0	58.6	-20.1	-1.2	320
	Jharkhand	1003	0	22.3	13.1	0.0	145
	Odisha	2827	100	58.4	14.9	1.8	320
	West Bengal	6993	0	149.6	50.0	0.9	340
NER	Sikkim	78	0	1.1	0.9	0.2	28
	Arunachal Pradesh	108	1	1.9	2.0	-0.1	33
	Assam	1333	91	28.5	18.5	4.0	238
	Manipur	136	1	2.1	2.4	-0.3	40
	Meghalaya	253	1	5.0	1.0	0.2	25
	Mizoram	77	1	1.1	1.4	-0.3	6
	Nagaland	112	1	1.5	1.7	-0.2	26
Tripura	259	1	3.6	1.9	-0.3	65	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	30.1	-3.2	-10.3
Max MW		-158.1	-446.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	222.6	-205.1	47.2	-58.3	-1.9	4.5
Actual(MU)	225.9	-219.7	46.4	-55.6	0.3	-2.7
O/D/U/D(MU)	3.3	-14.6	-0.8	2.7	2.2	-7.2

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3752	11610	3890	3495	267	23014
State Sector	5825	11251	3602	5379	110	26167
Total	9577	22861	7492	8874	377	49181

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 : 19-Sep-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	-268	0.0	-3.0	-3.0
		GAYA-BALIA	S/C	0	0	0.0	-8.0	-8.0
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	-255	0	0	0
5		PUSAULI -ALLAHABAD	D/C	0	-158	0	0	0
6		MUZAFFARPUR-GORAKHPUR	D/C	0	-548	0	-10	-10
7		PATNA-BALIA	Q/C	0	-359	0	-15	-15
8		BIHARSHARIFF-BALIA	D/C	0	-416	0	-8	-8
		BARH-GORAKHPUR	D/C	0	0	0	-7	-7
10	220 KV	PUSAULI-SAHUPURI	S/C	0	-218	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	46	0	1.0	0.0	1.0
13		KARMANASA-SAHUPURI	S/C	0	-1	0.0	0.0	0.0
14		KARMANASA-CHANDDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>1.0</b>	<b>-64.0</b>	<b>-63.0</b>
<b>Import/Export of ER (With WR)</b>								
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	-513	17	-6.0	-5.0	-5.7
16		NEW RANCHI-DHARAMJAIGARH	S/C	0	327	0.0	0.0	5.1
17	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	5.0	0.0	5.0
18		JHARSUGUDA-RAIGARH	S/C	0	0	6.0	0.0	6.0
19		IBEUL-RAIGARH	S/C	0	0	6.0	0.0	6.0
20		STERLITE-RAIGARH	D/C	0	0	5.0	-5.9	-5.9
21		RANCHI-SIPAT	D/C	1	0	0.0	-0.1	-0.1
22	220 KV	BUDHIPADAR-RAIGARH	S/C	571	0	9.0	0.0	9.0
23		BUDHIPADAR-KORBA	D/C	0	-177	0.0	0.0	0.0
<b>ER-WR</b>						<b>25.0</b>	<b>-11.0</b>	<b>19.4</b>
<b>Import/Export of ER (With SR)</b>								
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-686	0	-16.0	-16.0
25		TALCHER-KOLAR BIPOLE	D/C	0	-2260	0	-41.0	-41.0
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>-57.0</b>	<b>-57.0</b>
<b>Import/Export of ER (With NER)</b>								
27	400 KV	BINAGURI-BONGAIGAON	Q/C	171	-129	2	0	2
28	220 KV	BIRPARA-SALAKATI	D/C	0	-102	0	-2	-2
<b>ER-NER</b>						<b>2.0</b>	<b>-2.0</b>	<b>0.0</b>
<b>Import/Export of WR (With NR)</b>								
29	HVDC	V'CHAL B/B	D/C	0	-250	0.0	-3.0	-3.0
30	765 KV	GWALIOR-AGRA	D/C	0	-3458	0.0	-73.0	-72.7
31	765 KV	PHAGI-GWALIOR	D/C	0	-1480	0	-24	-24
32	400 KV	ZERDA-KANKROLI	S/C	133	-92	1.0	0.0	1.1
33	400 KV	ZERDA -BHINMAL	S/C	169	-196	0.0	-1.0	-0.7
34	400 KV	V'CHAL -RIHAND	S/C	0	-468	0.0	-7.0	-7.1
35	220 KV	BADOD-KOTA	S/C	0	-93	0.0	-1.0	-1.4
36		BADOD-MORAK	S/C	54	-7	1.0	0.0	0.5
37		MEHGAON-AURAIYA	S/C	18	-26	1.0	0.0	0.4
38		MALANPUR-AURAIYA	S/C	0	-44	0.0	-1.0	-0.8
39	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>3.0</b>	<b>-110.4</b>	<b>-108.1</b>
40	HVDC	APL -MHG	D/C	0	-2519	0.0	-60.0	-60.4
<b>Import/Export of WR (With SR)</b>								
41	HVDC	BHADRAWATI B/B	-	0	-1000	0.0	-21.0	-21.0
42	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
43	765 KV	SOLAPUR-RAICHUR	D/C	24	-987	0.0	-12.0	-12.2
44	220 KV	KOLHAPUR-CHIKODI	D/C	0	-193	0.0	-3.0	-3.5
45		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
46		XELDEM-AMBEWADI	S/C	62	0	1.0	0.0	1.3
<b>WR-SR</b>						<b>1.0</b>	<b>-36.0</b>	<b>-35.4</b>
<b>TRANSNATIONAL EXCHANGE</b>								
47		BHUTAN						<b>30.1</b>
48		NEPAL						<b>-3.2</b>
49		BANGLADESH						<b>-10.3</b>