



**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> 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 20.09.2015.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 20<sup>th</sup> Sep 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> Sep 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/21.09.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/21.09.15_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

21-Sep-15

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40150	37102	32797	15993	2034	128076
Peak Shortage (MW)	1499	116	500	300	281	2696
Energy Met (MU)	945	822	750	354	36	2907
Hydro Gen(MU)	242	44	47	65	18	416
Wind Gen(MU)	11	31	79	-----	-----	121

**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	0.13	2.01	2.14	60.30	37.56
SR GRID	0.00	0.00	0.10	2.00	2.10	60.30	37.60

**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	6769	0	133.3	76.2	-2.6	126
	Haryana	6543	0	127.3	101.0	-5.8	280
	Rajasthan	8913	0	193.7	53.3	2.4	470
	Delhi	4833	0	99.3	82.4	-0.3	478
	UP	12454	4105	297.5	144.3	3.4	637
	Uttarakhand	1635	0	36.2	14.2	1.3	199
	HP	1049	0	20.8	9.0	-3.2	68
	J&K	1853	463	32.9	19.7	0.0	327
WR	Chandigarh	195	0	4.1	4.4	-0.3	11
	Chhattisgarh	2892	96	69.1	22.0	-0.4	271
	Gujarat	10182	0	224.2	39.4	0.8	811
	MP	6862	0	154.4	99.2	-3.2	162
	Maharashtra	15617	20	341.0	75.5	2.7	817
	Goa	440	0	7.7	6.9	0.2	48
	DD	270	0	6.3	5.1	1.2	78
	DNH	654	0	15.3	15.3	0.0	23
SR	Essar steel	346	0	4.3	4.0	0.3	89
	Andhra Pradesh	5544	0	127.5	12.4	5.6	431
	Telangana	5923	0	133.2	89.9	-1.8	379
	Karnataka	6541	800	146.7	26.7	3.8	502
	Kerala	3075	0	57.0	40.0	2.2	267
ER	Tamil Nadu	11912	0	279.2	94.4	3.2	480
	Pondy	314	0	6.6	6.3	0.2	49
	Bihar	3198	0	65.9	69.2	-3.2	368
	DVC	2521	0	60.8	-15.0	0.9	160
	Jharkhand	1090	0	21.9	12.4	-1.6	100
NER	Odisha	3199	0	66.8	16.9	1.4	250
	West Bengal	6873	0	137.7	45.2	-2.2	180
	Sikkim	64	0	0.9	0.8	0.1	40
	Arunachal Pradesh	108	2	1.9	2.1	-0.3	46
	Assam	1206	195	21.7	16.8	-1.0	122
NER	Manipur	123	2	1.8	2.2	-0.4	27
	Meghalaya	256	2	4.5	0.4	-0.5	71
	Mizoram	69	1	1.2	1.3	-0.2	6
	Nagaland	96	6	1.4	1.8	-0.4	13
	Tripura	240	2	3.3	1.4	0.0	55

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.3	-2.7	-10.9
Max MW		-172.4	-454.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	171.1	-175.1	49.6	-40.2	-3.3	2.0
Actual(MU)	179.2	-169.6	49.4	-42.7	-6.8	9.5
O/D/U/D(MU)	8.1	5.5	-0.2	-2.4	-3.5	7.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4077	12479	4640	3495	200	24891
State Sector	9255	13311	4372	5929	110	32977
Total	13332	25790	9012	9424	310	57868

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-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	43	-243	0.0	-3.0	-3.0
		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	-264	0	0	0
5		PUSAULI -ALLAHABAD	D/C	0	-165	0	0	0
6		MUZAFFARPUR-GORAKHPUR	D/C	0	-674	0	-11	-11
7		PATNA-BALIA	Q/C	0	-250	0	-8	-8
8		BIHARSHARIFF-BALIA	D/C	0	-319	0	-5	-5
		BARH-GORAKHPUR	D/C	0	0	0	-5	-5
10	220 KV	PUSAULI-SAHUPURI	S/C	0	-244	0.0	-2.0	-2.0
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	1.0	0.0	1.0
12		GARWAH-RIHAND	S/C	46	0	0.0	0.0	0.0
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>-46.0</b>	<b>-44.0</b>
<b>Import/Export of ER (With WR)</b>								
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	-385	198	-3.0	-4.0	-3.0
16		NEW RANCHI-DHARAMJAIGARH	S/C	-26	232	0.0	0.0	2.7
17	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	4.0	0.0	4.0
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	4.0	-5.9	-5.9
21		RANCHI-SIPAT	D/C	1	0	0.0	-0.1	-0.1
22	220 KV	BUDHIPADAR-RAIGARH	S/C	490	0	10.0	0.0	10.0
23		BUDHIPADAR-KORBA	D/C	0	-179	0.0	-3.0	-3.0
<b>ER-WR</b>						<b>27.0</b>	<b>-13.0</b>	<b>16.7</b>
<b>Import/Export of ER (With SR)</b>								
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-692	0	-17.0	-17.0
25		TALCHER-KOLAR BIPOLE	D/C	0	-2253	0	-44.0	-44.0
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>-61.0</b>	<b>-61.0</b>
<b>Import/Export of ER (With NER)</b>								
27	400 KV	BINAGURI-BONGAIGAON	Q/C	420	-10	9	0	9
28	220 KV	BIRPARA-SALAKATI	D/C	4	-124	0	-1	-1
<b>ER-NER</b>						<b>9.0</b>	<b>-1.0</b>	<b>8.0</b>
<b>Import/Export of WR (With NR)</b>								
29	HVDC	V'CHAL B/B	D/C	250	-200	1.7	-2.4	-0.6
30	765 KV	GWALIOR-AGRA	D/C	0	-2996	0.0	-55.6	-55.6
31	765 KV	PHAGI-GWALIOR	D/C	0	-1056	0	-20	-20
32	400 KV	ZERDA-KANKROLI	S/C	142	-227	1.0	0.0	1.0
33	400 KV	ZERDA -BHINMAL	S/C	200	-203	0.0	-0.2	-0.2
34	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
35	220 KV	BADOD-KOTA	S/C	13	-61	0.1	-0.6	-0.5
36		BADOD-MORAK	S/C	72	0	1.1	0.0	1.1
37		MEHGAON-AURAIYA	S/C	31	-31	0.4	0.0	0.4
38		MALANPUR-AURAIYA	S/C	0	-23	0.0	-0.3	-0.3
39	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>4.3</b>	<b>-79.2</b>	<b>-74.9</b>
40	HVDC	APL -MHG	D/C	0	-2217	0.0	-46.4	-46.4
<b>Import/Export of WR (With SR)</b>								
41	HVDC	BHADRAWATI B/B	-	0	-1000	0.0	-23.6	-23.6
42	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
43	765 KV	SOLAPUR-RAICHUR	D/C	165	-959	0.0	-9.4	-9.4
44	220 KV	KOLHAPUR-CHIKODI	D/C	0	-166	0.0	-3.5	-3.5
45		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
46		XELDEM-AMBEWADI	S/C	68	0	1.7	0.0	1.7
<b>WR-SR</b>						<b>1.7</b>	<b>-36.4</b>	<b>-34.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
47		BHUTAN						<b>34.3</b>
48		NEPAL						<b>-2.7</b>
49		BANGLADESH						<b>-10.9</b>