



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशनलिमिटेड**  
**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: 31<sup>th</sup> July, 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. 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., 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, शिलॉंग – 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 30.07.2015.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, दिनांक 30 जुलाई 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 30<sup>th</sup> July 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/31.07.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/31.07.15_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

31-Jul-15

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44483	36591	35062	17232	2036	135404
Peak Shortage (MW)	2619	1109	500	28	254	4510
Energy Met (MU)	1012	819	834	347	40	3051
Hydro Gen(MU)	374	54	94	76	18	616
Wind Gen(MU)	12	95	90	-----	-----	197

**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	0.32	3.04	13.04	16.41	72.30	11.28
SR GRID	0.00	0.32	3.04	13.04	16.41	72.30	11.28

**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	10228	0	228.7	131.3	-0.5	123.0
	Haryana	8304	0	174.5	124.6	0.1	225.0
	Rajasthan	5940	0	116.5	48.5	-0.4	254.0
	Delhi	4422	0	94.1	82.4	-0.7	138.0
	UP	12210	4070	291.2	141.5	0.4	331.0
	Uttarakhand	1948	0	41.1	16.4	1.7	232.0
	HP	1224	0	26.2	0.5	0.4	58.0
	J&K	1697	424	33.3	19.7	0.1	269.0
WR	Chandigarh	314	0	6.2	6.6	-0.4	2.0
	Chhattisgarh	3416	30	80.0	29.0	3.9	366.5
	Gujarat	9725	0	199.3	20.9	-0.6	432.3
	MP	6561	0	131.5	83.1	-0.5	558.3
	Maharashtra	16639	47	369.6	84.2	-2.2	367.7
	Goa	390	0	8.2	6.6	1.1	28.7
	DD	291	0	6.6	5.8	0.8	62.7
	DNH	675	0	15.6	15.5	0.1	257.2
	Essar steel	470	0	8.7	8.0	0.7	125.3
	Andhra Pradesh	6633	0	150.6	20.6	3.5	528.0
SR	Telangana	6480	0	149.4	97.2	1.5	352.0
	Karnataka	8388	500	181.4	18.6	2.4	449.0
	Kerala	3331	0	63.0	32.7	1.5	283.0
	Tamil Nadu	12277	0	283.2	99.3	-0.4	363.0
	Pondy	291	0	6.2	6.2	0.0	94.0
	Bihar	3191	0	65.7	61.3	2.1	325.0
ER	DVC	2580	0	57.0	-17.0	-1.8	365.0
	Jharkhand	1047	0	21.5	13.4	-0.1	145.0
	Odisha	4086	0	75.3	17.6	-0.2	435.0
	West Bengal	6535	0	125.9	44.1	2.1	425.0
	Sikkim	90	0	1.2	1.0	0.2	25.0
NER	Arunachal Pradesh	53	5	1.0	1.8	-0.7	21.2
	Assam	1268	232	26.5	19.0	3.4	220.4
	Manipur	97	6	1.6	2.0	-0.4	35.4
	Meghalaya	243	1	4.6	1.7	-0.8	122.1
	Mizoram	63	3	1.1	1.0	0.1	29.0
	Nagaland	115	3	1.8	1.6	0.1	25.4
	Tripura	219	2	2.9	1.4	-0.3	58.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	29.4	-3.7	-10.1
Max MW		-189.9	-436.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	140.4	-140.8	72.8	-70.0	-1.1	1.3
Actual(MU)	140.7	-158.7	82.3	-64.1	-0.1	0.1
O/D/U/D(MU)	0.3	-18.0	9.5	5.9	1.0	-1.3

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4814	16009	3890	2570	147	27430
State Sector	8860	16544	3820	5559	110	34893
Total	13674	32553	7710	8129	257	62323

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(त्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

<b>INTER-REGIONAL EXCHANGES</b>								
						Date of Reporting : 31-Jul-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	24	-212	0.0	-3.0	-3.0
		GAYA-BALIA	S/C	0	0	0.0	0.0	0.0
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	-255	0	0	0
5		PUSAULI -ALLAHABAD	D/C	0	-175	0	0	0
6		MUZAFFARPUR-GORAKHPUR	D/C	0	-470	0	-5	-5
7		PATNA-BALIA	Q/C	0	-159	0	-5	-5
8		BIHARSHARIFF-BALIA	D/C	73	-97	0	-1	-1
		BARH-GORAKHPUR	D/C	0	0	0	-5	-5
10	220 KV	PUSAULI-SAHUPURI	S/C	0	-215	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	40	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>2.0</b>	<b>-32.0</b>	<b>-30.0</b>
<b>Import/Export of ER (With WR)</b>								
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	388	0.0	0.0	5.8
16		NEW RANCHI-DHARAMJAIGARH	S/C	-23	220	0.0	0.0	2.8
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	1.0	0.0	1.0
19		IBEUL-RAIGARH	S/C	0	0	1.0	0.0	1.0
20		STERLITE-RAIGARH	D/C	0	0	1.0	-5.9	-5.9
21		RANCHI-SIPAT	D/C	1	0	0.0	-0.1	-0.1
22	220 KV	BUDHIPADAR-RAIGARH	S/C	344	0	3.0	0.0	3.0
23		BUDHIPADAR-KORBA	D/C	0	-228	0.0	-3.0	-3.0
<b>ER-WR</b>						<b>8.0</b>	<b>-9.0</b>	<b>6.5</b>
<b>Import/Export of ER (With SR)</b>								
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-793	0	-17.0	-17.0
25		TALCHER-KOLAR BIPOLE	D/C	0	-2062	0	-49.0	-49.0
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>-66.0</b>	<b>-66.0</b>
<b>Import/Export of ER (With NER)</b>								
27	400 KV	BINAGURI-BONGAIGAON	Q/C	162	-34	3	0	3
28	220 KV	BIRPARA-SALAKATI	D/C	0	-91	0	-2	-2
<b>ER-NER</b>						<b>3.0</b>	<b>-2.0</b>	<b>1.0</b>
<b>Import/Export of WR (With NR)</b>								
29	HVDC	V'CHAL B/B	D/C	50	-400	0.1	-5.0	-4.9
30	765 KV	GWALIOR-AGRA	D/C	0	-2564	0.0	-45.0	-45.0
31	400 KV	ZERDA-KANKROLI	S/C	221	0	3.8	0.0	3.8
32	400 KV	ZERDA -BHINMAL	S/C	281	0	4.4	0.0	4.4
33	400 KV	V'CHAL -RIHAND	S/C	0	-497	0.0	-9.7	-9.7
34	220 KV	BADOD-KOTA	S/C	38	-17	0.1	-0.2	-0.1
35		BADOD-MORAK	S/C	21	-32	0.0	-0.3	-0.2
36		MEHGAON-AURAIYA	S/C	41	-18	0.5	-0.3	0.1
37		MALANPUR-AURAIYA	S/C	9	-29	0.0	-0.2	-0.2
38	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>9.0</b>	<b>-60.7</b>	<b>-51.7</b>
39	HVDC	APL-MHG	D/C	0	-2419	0.0	-58.0	-58.0
<b>Import/Export of WR (With SR)</b>								
40	HVDC LINK	BHADRAWATI B/B	-	0	-1000	0.0	-23.8	-23.8
41		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
42	765 KV	SOLAPUR-RAICHUR	D/C	138	-1246	0.0	-14.6	-14.6
43	220 KV	KOLHAPUR-CHIKODI	D/C	0	-142	0.0	-2.7	-2.7
44		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
45		XELDEM-AMBEWADI	S/C	89	0	1.8	0.0	1.8
<b>WR-SR</b>						<b>1.8</b>	<b>-41.1</b>	<b>-39.4</b>
<b>TRANSNATIONAL EXCHANGE</b>								
46		BHUTAN						29.4
47		NEPAL						-3.7
48		BANGLADESH						-10.1