



**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: 21<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 19.07.2015.**

महोदय/Dear Sir,

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

[http://posoco.in/attachments/article/94/21.07.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/21.07.15_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

21-Jul-15

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41851	40180	33583	16906	2132	134652
Peak Shortage (MW)	2743	234	300	0	177	3454
Energy Met (MU)	976	921	773	339	38	3048
Hydro Gen(MU)	336	22	63	76	18	515
Wind Gen(MU)	8	78	99	-----	-----	185

**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	0.07	4.38	4.44	71.24	24.32
SR GRID	0.00	0.00	0.07	4.38	4.44	71.24	24.32

**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	8479	0	188.6	119.6	-1.3	106
	Haryana	7392	0	148.0	124.7	-1.5	427
	Rajasthan	7842	0	169.8	55.7	2.4	381
	Delhi	4639	0	94.6	84.2	-1.6	116
	UP	11917	3750	271.9	133.9	1.7	485
	Uttarakhand	1764	40	38.1	13.2	0.2	86
	HP	1210	0	24.6	0.6	0.3	102
	J&K	1869	467	35.3	20.6	1.2	348
WR	Chandigarh	256	0	5.5	5.7	0.3	31
	Chhattisgarh	3310	96	75.3	23.0	-0.2	88
	Gujarat	13860	0	304.9	65.0	-3.2	1347
	MP	6038	0	124.1	67.4	-1.3	190
	Maharashtra	17090	45	380.1	120.3	-0.2	794
	Goa	384	0	8.0	6.8	0.6	63
	DD	291	0	6.0	5.9	0.2	52
	DNH	673	0	16.0	16.3	-0.3	8
SR	Essar steel	400	0	6.5	8.6	-2.1	113
	Andhra Pradesh	6297	0	138.8	24.7	2.6	747
	Telangana	5840	0	137.2	90.2	0.7	542
	Karnataka	7710	0	161.5	26.0	0.5	761
	Kerala	3093	0	55.4	33.2	1.4	229
	Tamil Nadu	12745	0	273.1	97.0	1.7	729
	Pondy	336	0	6.9	7.0	-0.1	28
	ER	Bihar	2972	100	61.5	59.2	0.6
DVC		2652	0	59.6	-20.0	-0.4	200
Jharkhand		1120	0	20.5	12.9	-1.5	110
Odisha		3683	0	74.7	18.1	2.5	290
West Bengal		6936	0	122.2	49.2	0.9	250
Sikkim		73	0	1.0	1.0	0.1	25
NER	Arunachal Pradesh	91	3	1.1	1.7	-0.5	18
	Assam	1261	140	24.0	18.4	1.4	150
	Manipur	127	1	1.8	2.1	-0.3	36
	Meghalaya	273	2	4.6	1.5	-0.5	30
	Mizoram	77	1	1.2	1.1	0.1	18
	Nagaland	120	1	1.9	1.6	0.2	51
	Tripura	206	2	3.4	1.2	0.3	82

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	32.6	-4.2	-7.2
Max MW		-219.5	-441.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	159.1	-133.0	48.8	-76.5	2.6	1.0
Actual(MU)	151.7	-138.1	59.2	-72.1	1.9	2.5
O/D/U/D(MU)	-7.4	-5.2	10.4	4.4	-0.7	1.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5327	12349	2160	2070	511	22417
State Sector	9365	13391	3240	5959	110	32065
Total	14692	25740	5400	8029	620	54482

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

<b>INTER-REGIONAL EXCHANGES</b>						<b>Date of Reporting : 21-Jul-15</b>		
						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	-327	0.0	-6.0	-6.0
		GAYA-BALIA	S/C	0	0	0.0	-2.0	-2.0
2		SASARAM-FATEHPUR	S/C	0	0	0.0	-2.0	-2.0
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0	-9	-9
4	400 KV	PUSAULI-SARNATH	S/C	0	-241	0	0	0
5		PUSAULI -ALLAHABAD	D/C	0	-179	0	0	0
6		MUZAFFARPUR-GORAKHPUR	D/C	0	-546	0	-10	-10
7		PATNA-BALIA	Q/C	0	-172	0	-7	-7
8		BIHARSHARIFF-BALIA	D/C	0	-197	0	-4	-4
		BARH-GORAKHPUR	D/C	0	0	0	-5	-5
10	220 KV	PUSAULI-SAHUPURI	S/C	0	-230	0.0	-5.0	-5.0
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
12		GARWAH-RIHAND	S/C	50	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>-50.0</b>	<b>-49.0</b>
<b>Import/Export of ER (With WR)</b>								
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	-193	3	-1.4	-2.0	-1.4
16		NEW RANCHI-DHARAMJAIGARH	S/C	-73	127	0.0	0.0	0.7
17	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	0.0	0.0	0.0
18		JHARSUGUDA-RAIGARH	S/C	0	0	0.0	0.0	0.0
19		IBEUL-RAIGARH	S/C	0	0	0.0	0.0	0.0
20		STERLITE-RAIGARH	D/C	0	0	0.0	-5.9	-5.9
21		RANCHI-SIPAT	D/C	1	0	0.0	-0.1	-0.1
22	220 KV	BUDHIPADAR-RAIGARH	S/C	105	-78	0.0	0.0	0.0
23		BUDHIPADAR-KORBA	D/C	0	-3	0.0	0.0	0.0
<b>ER-WR</b>						<b>-1.4</b>	<b>-8.0</b>	<b>-6.7</b>
<b>Import/Export of ER (With SR)</b>								
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-744	0	-17.0	-17.0
25		TALCHER-KOLAR BIPOLE	D/C	279	-2166	0	-45.0	-45.0
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>-62.0</b>	<b>-62.0</b>
<b>Import/Export of ER (With NER)</b>								
27	400 KV	BINAGURI-BONGAIGAON	Q/C	147	-87	1	0	1
28	220 KV	BIRPARA-SALAKATI	D/C	0	-80	0	-2	-2
<b>ER-NER</b>						<b>1.0</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	200	-400	1.1	-1.6	-0.6
30	765 KV	GWALIOR-AGRA	D/C	0	-2650	0.0	-48.1	-48.1
31	400 KV	ZERDA-KANKROLI	S/C	272	0	3.4	0.0	3.4
32	400 KV	ZERDA -BHINMAL	S/C	195	-83	1.2	0.0	1.2
33	400 KV	V'CHAL -RIHAND	S/C	0	-503	0.0	-11.3	-11.3
34	220 KV	BADOD-KOTA	S/C	0	-86	0.0	-1.3	-1.3
35		BADOD-MORAK	S/C	0	-98	0.0	-1.4	-1.4
36		MEHGAON-AURAIYA	S/C	34	-20	0.3	0.0	0.3
37		MALANPUR-AURAIYA	S/C	0	-37	0.0	-0.3	-0.3
38	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>6.0</b>	<b>-64.1</b>	<b>-58.1</b>
39	HVDC	APL-MHG	D/C	0	-2518	0.0	-52.7	-52.7
<b>Import/Export of WR (With SR)</b>								
40	HVDC LINK	BHADRAWATI B/B	-	0	-1000	0.0	-23.826	-23.8
41		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
42	765 KV	SOLAPUR-RAICHUR	D/C	276	-810	0.0	-8.2	-8.2
43	220 KV	KOLHAPUR-CHIKODI	D/C	0	-135	0.0	-2.5	-2.5
44		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
45		XELDEM-AMBEWADI	S/C	96	0	1.8	0.0	1.8
<b>WR-SR</b>						<b>1.8</b>	<b>-10.8</b>	<b>-32.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
46		BHUTAN						32.6
47		NEPAL						-4.2
48		BANGLADESH						-7.2