



**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: 14<sup>th</sup> July, 2016

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 13.07.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 13.07.16 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 13<sup>th</sup> July 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/14.07.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/14.07.16_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

14-Jul-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	47542	36926	35925	18646	2492	141531
Peak Shortage (MW)	886	79	30	0	98	1093
Energy Met (MU)	1116	811	823	400	45	3195
Hydro Gen(MU)	342	71	45	77	21	556
Wind Gen(MU)	17	53	136	-----	-----	206

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	0.05	0.32	2.97	3.34	76.68	19.98
SR GRID	0.00	0.05	0.32	2.97	3.34	76.68	19.98

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	9930	0	227.1	130.6	-0.3	186
	Haryana	8945	0	185.0	135.9	-2.3	179
	Rajasthan	7894	0	169.4	53.9	0.8	196
	Delhi	5327	0	107.9	88.1	-1.0	237
	UP	14849	140	319.8	147.3	0.7	384
	Uttarakhand	1930	75	40.7	20.0	0.2	114
	HP	1267	0	26.1	3.2	0.9	222
	J&K	1504	376	32.9	15.4	-4.7	143
WR	Chandigarh	358	0	6.8	6.7	0.1	27
	Chhattisgarh	3305	50	74.7	24.3	1.1	333
	Gujarat	10892	0	241.9	60.4	-0.3	682
	MP	5945	0	120.5	64.5	-5.2	526
	Maharashtra	15541	0	331.7	84.6	4.5	861
	Goa	410	0	8.8	7.0	1.2	71
	DD	259	0	5.9	5.2	0.6	69
	DNH	725	0	16.6	16.9	-0.3	12
SR	Essar steel	538	0	10.5	10.6	-0.2	161
	Andhra Pradesh	6919	0	151.2	26.1	0.9	579
	Telangana	6009	0	128.6	78.4	1.9	257
	Karnataka	7858	250	161.7	56.5	3.9	554
	Kerala	3210	0	59.5	38.9	1.7	468
	Tamil Nadu	14559	0	315.1	120.0	-1.2	703
ER	Pondy	345	0	7.3	7.5	-0.2	14
	Bihar	3480	0	74.2	71.7	0.3	120
	DVC	2663	0	62.0	-25.0	2.3	110
	Jharkhand	1029	0	23.3	15.6	0.6	50
	Odisha	4001	0	83.3	27.5	3.7	170
	West Bengal	7803	0	156.2	39.0	4.9	220
NER	Sikkim	88	0	1.4	1.3	0.1	25
	Arunachal Pradesh	98	5	1.7	1.7	0.0	40
	Assam	1566	51	30.0	22.1	3.6	281
	Manipur	137	4	1.7	2.0	-0.3	23
	Meghalaya	292	0	4.8	0.4	0.6	96
	Mizoram	77	2	1.2	1.0	0.2	29
	Nagaland	99	4	1.6	1.7	-0.1	3
Tripura	255	0	4.2	3.4	0.7	71	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.1	-4.6	-12.6
Day peak (MW)	1420.0	-241.9	-545.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	167.0	-152.0	60.8	-86.4	-5.6	-16.2
Actual(MU)	155.0	-148.0	62.5	-78.8	-2.3	-11.6
O/D/U/D(MU)	-12.0	4.0	1.7	7.7	3.3	4.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2639	17308	1220	2050	0	23217
State Sector	9840	22850	9491	5039	110	47330
Total	12479	40158	10711	7089	110	70547

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 :	14-Jul-16
								Import=(+ve) /Export =(-ve) for NET (MU)	
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-VARANASI	D/C	0	346	0.0	11.0	-11.0	
2		SASARAM-FATEHPUR	S/C	259	0	4.0	0.0	4.0	
3		GAYA-BALIA	S/C	0	299	0.0	5.0	-5.0	
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0	
5	400 KV	PUSAULI-SARNATH	S/C	0	199	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	D/C	20	92	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	3	505	0.0	9.0	-9.0	
8		PATNA-BALIA	Q/C	0	958	0.0	17.0	-17.0	
9		BIHARSHARIFF-BALIA	D/C	209	87	0.0	0.0	0.0	
10		BARH-GORAKHPUR	D/C	0	506	0.0	11.0	-11.0	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	30	0	0.0	0.0	0.0	
12		PUSAULI-SAHUPURI	S/C	0	206	0.0	4.0	-4.0	
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	0	0	1.0	0.0	1.0	
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
16	132 KV	KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
<b>ER-NR</b>						<b>5.0</b>	<b>63.0</b>	<b>-58.0</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	840	0.0	10.0	-10.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	484	158	3.0	0.0	3.0	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	190	35	1.0	0.0	1.0	
20		JHARSUGUDA-RAIGARH	S/C	181	41	4.0	0.0	4.0	
21		IBEUL-RAIGARH	S/C	104	118	3.0	0.0	3.0	
22		STERLITE-RAIGARH	D/C	30	0	0.0	1.0	-1.0	
23	220 KV	RANCHI-SIPAT	D/C	276	13	3.0	0.0	3.0	
24		BUDHIPADAR-RAIGARH	S/C	0	180	0.0	3.0	-3.0	
25		BUDHIPADAR-KORBA	D/C	14	117	0.0	1.0	-1.0	
<b>ER-WR</b>						<b>14.0</b>	<b>15.0</b>	<b>-1.0</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	420	0.0	13.0	-13.0	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1983	0.0	40.0	-40.0	
28		TALCHER-I/C		41.0	695	0.0	10.0	-10.0	
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
<b>ER-SR</b>						<b>0.0</b>	<b>53.0</b>	<b>-53.0</b>	
<b>Import/Export of ER (With NER)</b>									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	127	547	0.0	5.0	-5	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	2.0	-2	
<b>ER-NER</b>						<b>0.0</b>	<b>7.0</b>	<b>-7.0</b>	
<b>Import/Export of NR (With NER)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.5	0.0	11.5	
<b>NR-NER</b>						<b>11.5</b>	<b>0.0</b>	<b>11.5</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	VCHAL B/B	D/C	250	0	6.0	0.0	6.0	
34	HVDC	APL -MHG	D/C	0	1514	0.0	36.0	-36.0	
35	765 KV	GWALIOR-AGRA	D/C	0	2736	0.0	46.0	-46.0	
36	765 KV	PHAGI-GWALIOR	D/C	0	1200	0.0	23.3	-23.3	
37	400 KV	ZERDA-KANKROLI	S/C	310	59	3.0	0.0	3.0	
38	400 KV	ZERDA -BHINMAL	S/C	326	127	3.0	0.0	3.0	
39	400 KV	VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
40	400KV	RAPP-SHUJALPUR	D/C	0	0	0.0	0.0	0.0	
41	220 KV	BADOD-KOTA	S/C	30	82	0.0	1.0	-1.0	
42		BADOD-MORAK	S/C	0	84	0.0	1.0	-1.0	
43		MEHGAON-AURAIYA	S/C	62	0	1.0	0.0	1.0	
44		MALANPUR-AURAIYA	S/C	37	5	0.0	0.0	0.0	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>13.0</b>	<b>107.3</b>	<b>-94.3</b>	
<b>Import/Export of WR (With SR)</b>									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	20.0	-20.0	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	2116	0.0	33.0	-33.0	
49	400 KV	KOLHAPUR-KUDGI	D/C	154	243	1.0	1.0	0.0	
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	179	0.0	4.0	-4.0	
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
52		XELDEM-AMBEWADI	S/C	80	0	2.0	0.0	2.0	
<b>WR-SR</b>						<b>3.0</b>	<b>58.0</b>	<b>-55.0</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						<b>34.1</b>	
55		NEPAL						<b>-4.6</b>	
56		BANGLADESH						<b>-12.6</b>	