



**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: 13<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, 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 12.07.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 12.07.16 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 12<sup>th</sup> July 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/13.07.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/13.07.16_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

13-Jul-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	46570	36464	34965	18219	2397	138615
Peak Shortage (MW)	478	54	0	350	94	976
Energy Met (MU)	1108	821	787	372	43	3132
Hydro Gen(MU)	330	45	38	72	23	507
Wind Gen(MU)	18	81	149	-----	-----	248

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	0.00	1.99	1.99	71.82	26.19
SR GRID	0.00	0.00	0.00	1.99	1.99	71.82	26.19

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	9693	0	220.9	133.4	0.1	220
	Haryana	8756	0	185.4	138.2	-3.9	137
	Rajasthan	7856	0	173.1	58.9	2.5	337
	Delhi	5230	0	107.7	88.0	-1.9	220
	UP	14802	420	316.1	147.8	1.5	509
	Uttarakhand	1869	0	40.7	21.1	0.4	161
	HP	1230	0	25.1	2.7	0.3	65
	J&K	1456	364	32.4	14.4	-4.6	180
WR	Chhattisgarh	3167	0	73.3	24.0	0.1	350
	Gujarat	11562	0	256.1	63.5	-3.0	450
	MP	5666	0	119.5	75.0	-4.0	401
	Maharashtra	15240	0	331.0	62.7	-1.5	755
	Goa	422	0	8.7	7.8	0.5	78
	DD	264	0	5.8	5.5	0.0	11
	DNH	716	0	16.5	16.9	-0.3	-5
	Essar steel	546	0	10.6	10.3	0.2	200
SR	Andhra Pradesh	6871	0	145.8	20.9	1.5	525
	Telangana	5860	0	120.8	77.8	1.0	363
	Karnataka	7306	250	149.3	49.9	1.4	708
	Kerala	3141	0	57.8	40.3	0.7	311
	Tamil Nadu	13847	0	305.6	119.6	-2.0	600
ER	Pondy	351	0	7.2	7.7	-0.5	4
	Bihar	3484	100	70.9	67.2	1.5	180
	DVC	2675	50	60.6	-23.8	0.5	250
	Jharkhand	1111	0	20.3	15.6	-0.6	100
	Odisha	4032	150	76.7	23.8	0.5	560
NER	West Bengal	7344	0	142.2	34.0	0.9	300
	Sikkim	88	0	1.1	1.0	0.1	25
	Arunachal Pradesh	97	7	1.9	1.9	0.0	22
	Assam	1522	46	27.4	21.7	1.2	269
	Manipur	136	2	1.8	2.4	-0.5	35
NER	Meghalaya	261	0	4.6	0.5	-0.1	54
	Mizoram	73	1	1.2	1.0	0.1	26
	Nagaland	98	5	1.9	1.8	0.1	0
	Tripura	243	0	4.1	3.4	0.6	69

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	32.6	-4.2	-12.5
Day peak (MW)	1413.5	-227.6	-545.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	197.5	-160.1	53.9	-84.4	-5.2	1.7
Actual(MU)	190.2	-164.4	51.7	-77.5	-5.7	-5.7
O/D/U/D(MU)	-7.3	-4.3	-2.2	6.9	-0.5	-7.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2788	14818	1220	2050	0	20876
State Sector	10160	22491	9791	5039	110	47591
Total	12948	37309	11011	7089	110	68467

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(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

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	13-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	375	0.0	15.3	-15.3	
2		SASARAM-FATEHPUR	S/C	267	0	3.0	0.0	3.0	
3		GAYA-BALIA	S/C	0	357	0.0	8.9	-8.9	
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	6.1	-6.1	
5	400 KV	PUSAULI-SARNATH	S/C	0	190	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	D/C	0	97	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	3	753	0.0	10.1	-10.1	
8		PATNA-BALIA	Q/C	0	1028	0.0	19.2	-19.2	
9		BIHARSHARIFF-BALIA	D/C	148	173	0.0	1.9	-1.9	
10		BARH-GORAKHPUR	D/C	0	517	0.0	11.1	-11.1	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	30	0	0.0	0.0	0.0	
12		PUSAULI-SAHUPURI	S/C	0	215	0.0	4.2	-4.2	
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6	
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>3.6</b>	<b>76.7</b>	<b>-73.1</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	72	518	0.0	5.9	-5.9	
18		NEW RANCHI-DHARAMJAIGARH	D/C	438	0	2.7	0.0	2.7	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	173	0	2.5	0.0	2.5	
20		JHARSUGUDA-RAIGARH	S/C	191	0	3.1	0.0	3.1	
21		IBEUL-RAIGARH	S/C	135	0	2.2	0.0	2.2	
22		STERLITE-RAIGARH	D/C	30	0	2.2	0.0	2.2	
23	220 KV	RANCHI-SIPAT	D/C	243	0	4.5	0.0	4.5	
24		BUDHIPADAR-RAIGARH	S/C	0	152	0.0	1.9	-1.9	
25		BUDHIPADAR-KORBA	D/C	31	95	0.0	0.1	-0.1	
<b>ER-WR</b>						<b>17.3</b>	<b>7.9</b>	<b>9.4</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	307	0.0	14.8	-14.8	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1974	0.0	36.1	-36.1	
28		TALCHER-I/C			355.6	630	1.0	5.2	-4.2
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
<b>ER-SR</b>						<b>1.0</b>	<b>50.9</b>	<b>-50.9</b>	
<b>Import/Export of ER (With NER)</b>									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	404	446	0.0	2.3	-2	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	2.0	-2	
<b>ER-NER</b>						<b>0.0</b>	<b>4.3</b>	<b>-4.3</b>	
<b>Import/Export of NR (With NER)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	485	0	10.7	0.0	10.7	
<b>NR-NER</b>						<b>10.7</b>	<b>0.0</b>	<b>10.7</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	VCHAL B/B	D/C	250	0	4.9	0.0	4.9	
34	HVDC	APL -MHG	D/C	0	2215	0.0	38.8	-38.8	
35	765 KV	GWALIOR-AGRA	D/C	0	2744	0.0	53.8	-53.8	
36	765 KV	PHAGI-GWALIOR	D/C	0	1248	0.0	25.6	-25.6	
37	400 KV	ZERDA-KANKROLI	S/C	139	80	1.1	0.0	1.1	
38	400 KV	ZERDA -BHINMAL	S/C	178	153	0.6	0.0	0.6	
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	23	101	0.0	0.8	-0.8	
42		BADOD-MORAK	S/C	0	98	0.0	1.1	-1.1	
43		MEHGAON-AURAIYA	S/C	49	0	0.7	0.0	0.7	
44		MALANPUR-AURAIYA	S/C	25	14	0.2	0.0	0.2	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>7.5</b>	<b>120.2</b>	<b>-112.7</b>	
<b>Import/Export of WR (With SR)</b>									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	17.2	-17.2	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	191	1658	191.0	24.3	166.7	
49	400 KV	KOLHAPUR-KUDGI	D/C	154	243	0.7	0.9	-0.2	
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	176	0.0	3.7	-3.7	
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
52		XELDEM-AMBEWADI	S/C	93	0	1.7	0.0	1.7	
<b>WR-SR</b>						<b>193.4</b>	<b>46.1</b>	<b>147.3</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						<b>32.6</b>	
55		NEPAL						<b>-4.2</b>	
56		BANGLADESH						<b>-12.5</b>	