



**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: 18<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 17.07.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 17.07.16 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 17<sup>th</sup> July 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/18.07.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/18.07.16_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

18-Jul-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	37158	36438	32602	17601	2223	126022
Peak Shortage (MW)	558	0	0	0	153	711
Energy Met (MU)	865	826	780	358	42	2871
Hydro Gen(MU)	308	71	38	68	25	511
Wind Gen(MU)	39	70	64	-----	-----	173

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	0.22	0.22	52.56	47.22
SR GRID	0.00	0.00	0.00	0.22	0.22	52.56	47.22

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	7348	0	160.0	104.6	-2.4	221
	Haryana	6694	0	139.4	126.3	-5.3	58
	Rajasthan	7063	0	152.0	55.0	0.6	409
	Delhi	4065	0	84.5	75.8	-3.0	129
	UP	12314	0	234.7	118.3	-7.0	299
	Uttarakhand	1462	0	29.0	22.0	1.8	291
	HP	1098	0	23.1	4.2	0.3	303
	J&K	1652	413	37.3	14.5	0.4	348
WR	Chandigarh	232	0	4.8	5.8	-1.0	0
	Chhattisgarh	2896	0	72.2	16.1	0.0	296
	Gujarat	10829	0	249.0	43.0	-0.4	302
	MP	5961	0	119.2	59.0	-2.6	260
	Maharashtra	15533	0	345.5	108.9	3.2	539
	Goa	354	0	7.6	6.3	0.6	70
	DD	285	0	6.5	5.9	0.6	41
	DNH	715	0	16.7	16.8	-0.1	2
SR	Essar steel	467	0	9.7	9.4	0.3	179
	Andhra Pradesh	6426	0	146.2	34.0	3.6	697
	Telangana	6215	0	136.2	79.4	1.0	391
	Karnataka	7423	0	157.6	64.7	3.4	563
	Kerala	3008	0	56.2	40.4	1.2	191
	Tamil Nadu	12335	0	276.8	122.5	-0.3	606
ER	Pondy	311	0	7.0	7.1	0.0	27
	Bihar	3244	0	58.8	58.3	-1.7	0
	DVC	2791	0	60.6	-29.4	1.0	230
	Jharkhand	1000	0	18.8	17.5	-0.8	70
	Odisha	3843	0	76.4	24.2	2.4	350
NER	West Bengal	7234	0	142.4	36.0	3.9	400
	Sikkim	72	0	1.1	1.6	-0.5	0
	Arunachal Pradesh	98	2	1.8	2.3	-0.5	10
	Assam	1393	118	26.2	20.8	1.1	173
	Manipur	135	1	1.9	2.1	-0.2	33
	Meghalaya	232	0	4.7	0.6	0.1	49
	Mizoram	65	11	1.3	1.1	0.1	14
NER	Nagaland	100	1	1.9	1.9	0.0	7
	Tripura	219	0	3.9	3.4	-0.4	38

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.7	-4.2	-11.9
Day peak (MW)	1466.8	-170.2	-92.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	141.2	-138.4	73.6	-83.0	-6.8	-13.4
Actual(MU)	130.7	-128.4	78.9	-76.3	-9.1	-4.2
O/D/U/D(MU)	-10.5	10.0	5.3	6.7	-2.3	9.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3455	15788	1180	2710	69	23202
State Sector	16565	20934	10112	4859	110	52580
Total	20020	36722	11292	7569	178	75782

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/  
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 :	18-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	300	0.0	9.0	-9.0	
2		SASARAM-FATEHPUR	S/C	209	0	0.0	3.0	-3.0	
3		GAYA-BALIA	S/C	0	314	0.0	5.0	-5.0	
4	HVDC LINK	PUSAULI B/B	S/C	0	196	0.0	5.0	-5.0	
5	400 KV	PUSAULI-SARNATH	S/C	0	171	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	D/C	0	60	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	3	644	0.0	11.0	-11.0	
8		PATNA-BALIA	Q/C	0	887	0.0	13.0	-13.0	
9		BIHARSHARIFF-BALIA	D/C	22	150	0.0	2.0	-2.0	
10		BARH-GORAKHPUR	D/C	0	496	0.0	8.0	-8.0	
11		BIHARSHARIFF-VARANASI	D/C	31	0	0.0	0.0	0.0	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	202	0.0	4.0	-4.0	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
<b>ER-NR</b>						<b>0.0</b>	<b>60.0</b>	<b>-60.0</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	682	0.0	10.0	-10.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	305	278	0.0	1.0	-1.0	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	97	45	0.0	1.0	-1.0	
20		JHARSUGUDA-RAIGARH	S/C	86	43	0.0	0.0	0.0	
21		IBEUL-RAIGARH	S/C	12	157	0.0	2.0	-2.0	
22		STERLITE-RAIGARH	D/C	30	0	0.0	1.0	-1.0	
23	220 KV	RANCHI-SIPAT	D/C	134	88	0.0	1.0	-1.0	
24		BUDHIPADAR-RAIGARH	S/C	0	185	0.0	3.0	-3.0	
25		BUDHIPADAR-KORBA	D/C	29	84	0.0	1.0	-1.0	
<b>ER-WR</b>						<b>0.0</b>	<b>20.0</b>	<b>-20.0</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	388	0.0	16.0	-16.0	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1967	0.0	38.0	-38.0	
28		TALCHER-I/C		589.0	109	0.0	1.0	-1.0	
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>54.0</b>	<b>-54.0</b>	
<b>Import/Export of ER (With NER)</b>									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	619	40	0.0	4.0	-4	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	1.0	-1	
<b>ER-NER</b>						<b>0.0</b>	<b>5.0</b>	<b>-5.0</b>	
<b>Import/Export of NR (With NER)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.4	0.0	11.4	
<b>NR-NER</b>						<b>11.4</b>	<b>0.0</b>	<b>11.4</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	VCHAL B/B	D/C	250	0	6.2	0.0	6.2	
34	HVDC	APL -MHG	D/C	0	1815	0.0	28.1	-28.1	
35	765 KV	GWALIOR-AGRA	D/C	0	2144	0.0	28.1	-28.1	
36	765 KV	PHAGI-GWALIOR	D/C	0	1188	0.0	19.3	-19.3	
37	400 KV	ZERDA-KANKROLI	S/C	182	55	1.9	0.0	1.9	
38	400 KV	ZERDA -BHINMAL	S/C	193	76	1.6	0.0	1.6	
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	0	87	0.0	1.2	-1.2	
42		BADOD-MORAK	S/C	0	102	0.0	1.8	-1.8	
43		MEHGAON-AURAIYA	S/C	67	0	0.9	0.0	0.9	
44		MALANPUR-AURAIYA	S/C	51	1	0.5	0.0	0.5	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>11.1</b>	<b>78.6</b>	<b>-67.5</b>	
<b>Import/Export of WR (With SR)</b>									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	19.9	-19.9	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	2379	0.0	45.1	-45.1	
49	400 KV	KOLHAPUR-KUDGI	D/C	21	231	0.0	0.0	0.0	
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	203	0.0	3.8	-3.8	
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
52		XELDEM-AMBEWADI	S/C	92	0	1.8	0.0	1.8	
<b>WR-SR</b>						<b>1.8</b>	<b>68.8</b>	<b>-67.0</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						<b>34.7</b>	
55		NEPAL						<b>-4.2</b>	
56		BANGLADESH						<b>-11.9</b>	