



**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: 31<sup>st</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 30.07.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 30.07.16 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 30<sup>th</sup> July 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%212016/31.07.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%212016/31.07.16_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

31-Jul-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44605	39257	32618	17880	2309	136669
Peak Shortage (MW)	832	191	0	0	203	1226
Energy Met (MU)	998	877	738	385	44	3041
Hydro Gen(MU)	357	80	40	66	28	570
Wind Gen(MU)	17	59	81	-----	-----	157

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	1.61	1.61	72.86	25.53
SR GRID	0.00	0.00	0.00	1.61	1.61	72.86	25.53

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	9987	0	228.5	132.9	0.4	146
	Haryana	7873	0	156.5	139.2	-1.7	218
	Rajasthan	7485	0	157.5	61.0	1.3	352
	Delhi	4219	0	91.3	74.0	-2.0	206
	UP	12101	0	261.7	150.3	-12.0	915
	Uttarakhand	1732	0	36.9	13.7	1.6	256
	HP	1281	0	26.1	0.3	0.8	188
	J&K	1950	435	33.8	15.0	-3.5	73
WR	Chandigarh	254	0	5.4	6.3	-1.0	0
	Chhattisgarh	3439	0	83.5	24.9	5.1	555
	Gujarat	11661	0	262.1	70.8	0.8	579
	MP	6669	0	140.3	83.3	-1.1	373
	Maharashtra	16636	28	347.4	127.2	0.2	664
	Goa	391	0	8.0	7.1	0.5	50
	DD	305	0	6.9	6.5	0.4	53
	DNH	730	0	16.7	17.0	-0.3	0
SR	Essar steel	602	0	12.0	11.5	0.5	456
	Andhra Pradesh	6036	0	131.9	16.8	1.3	632
	Telangana	6675	0	143.0	85.0	0.8	314
	Karnataka	6068	0	123.0	48.6	-4.6	406
	Kerala	3262	0	62.6	45.6	1.0	186
	Tamil Nadu	12172	0	270.1	109.5	-3.1	723
ER	Pondy	324	0	7.0	7.3	-0.3	32
	Bihar	3509	0	70.3	71.2	-2.7	100
	DVC	2698	0	60.4	-16.2	1.2	150
	Jharkhand	1051	0	22.6	15.1	-0.2	50
	Odisha	3747	0	76.0	25.2	0.9	150
	West Bengal	7866	0	154.3	48.7	1.1	200
NER	Sikkim	82	0	0.9	1.2	-0.2	0
	Arunachal Pradesh	106	4	2.0	2.1	-0.1	10
	Assam	1450	130	28.7	19.5	3.6	238
	Manipur	125	3	1.9	2.0	-0.1	18
	Meghalaya	254	0	4.5	-0.8	0.2	132
	Mizoram	76	3	1.2	1.0	0.2	43
NER	Nagaland	106	5	1.8	1.7	0.1	2
	Tripura	251	0	4.0	3.5	0.4	59

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	30.4	-5.5	-12.2
Day peak (MW)	1271.3	-228.1	-548.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	168.7	-169.2	68.4	-54.9	-11.0	2.0
Actual(MU)	177.4	-170.7	56.6	-50.1	-8.5	4.7
O/D/U/D(MU)	8.7	-1.5	-11.8	4.8	2.5	2.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3680	13553	1220	1820	122	20395
State Sector	15360	22132	10067	6159	110	53828
Total	19040	35685	11287	7979	231	74223

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्रा०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	31-Jul-16
								Import=(+ve) /Export =(-ve) for NET (MU)	
SI 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	331	0.0	9.6	-9.6	
2		SASARAM-FATEHPUR	S/C	0	110	0.0	1.2	-1.2	
3		GAYA-BALIA	S/C	0	353	0.0	5.5	-5.5	
4	HVDC LINK	PUSAULI B/B	S/C	3	0	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	9	0	3.8	0.0	3.8	
6		PUSAULI-ALLAHABAD	D/C	141	0	2.5	0.0	2.5	
7		MUZAFFARPUR-GORAKHPUR	D/C	3	470	0.0	8.4	-8.4	
8		PATNA-BALIA	Q/C	0	677	0.0	12.3	-12.3	
9		BIHARSHARIFF-BALIA	D/C	0	248	0.0	4.6	-4.6	
10		BARH-GORAKHPUR	D/C	0	525	0.0	10.1	-10.1	
11		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.7	-2.7	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	4.6	-4.6	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4	
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>6.7</b>	<b>59.0</b>	<b>-52.3</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	233	636	0.0	5.2	-5.2	
18		NEW RANCHI-DHARAMJAIGARH	D/C	401	0	7.2	0.0	7.2	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	183	0	2.6	0.0	2.6	
20		JHARSUGUDA-RAIGARH	S/C	198	0	2.5	0.0	2.5	
21		IBEUL-RAIGARH	S/C	140	0	1.7	0.0	1.7	
22		STERLITE-RAIGARH	D/C	30	0	2.2	0.0	2.2	
23		RANCHI-SIPAT	D/C	327	0	4.8	0.0	4.8	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	186	0.0	3.1	-3.1	
25		BUDHIPADAR-KORBA	D/C	19	98	0.0	1.2	-1.2	
<b>ER-WR</b>						<b>21.1</b>	<b>9.4</b>	<b>11.6</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	239	0.0	7.7	-7.7	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1985	0.0	32.1	-32.1	
28		TALCHER-I/C			308.2	620	0.0	4.6	-4.6
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>39.8</b>	<b>-39.8</b>	
<b>Import/Export of ER (With NER)</b>									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	372	472	0.0	1.2	-1	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	1.6	-2	
<b>ER-NER</b>						<b>0.0</b>	<b>2.8</b>	<b>-2.8</b>	
<b>Import/Export of NR (With NER)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	488	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	500	0	10.0	0.0	10.0	
34	HVDC	APL -MHG	D/C	0	2217	0.0	50.0	-50.0	
35	765 KV	GWALIOR-AGRA	D/C	0	2598	0.0	45.0	-45.0	
36	765 KV	PHAGI-GWALIOR	D/C	0	1070	0.0	18.1	-18.1	
37	400 KV	ZERDA-KANKROLI	S/C	191	183	0.0	0.0	0.0	
38	400 KV	ZERDA -BHINMAL	S/C	192	232	0.0	0.0	0.0	
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	10	80	0.0	1.0	-1.0	
42		BADOD-MORAK	S/C	0	84	0.0	1.0	-1.0	
43		MEHGAON-AURAIYA	S/C	53	0	1.0	0.0	1.0	
44		MALANPUR-AURAIYA	S/C	33	26	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>11.0</b>	<b>115.1</b>	<b>-104.1</b>	
<b>Import/Export of WR (With SR)</b>									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	18.0	-18.0	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	1949	0.0	34.0	-34.0	
49	400 KV	KOLHAPUR-KUDGI	D/C	232	112	1.0	1.0	0.0	
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	180	0.0	4.0	-4.0	
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
52		XELDEM-AMBEWADI	S/C	89	0	2.0	0.0	2.0	
<b>WR-SR</b>						<b>3.0</b>	<b>57.0</b>	<b>-54.0</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						<b>30.4</b>	
55		NEPAL						<b>-5.5</b>	
56		BANGLADESH						<b>-12.2</b>	