



**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: 20<sup>th</sup> Aug, 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. 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, शिलोंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक , द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009  
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 19.08.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 19<sup>th</sup> अगस्त 2016 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 19<sup>th</sup> August 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Aug%202016/20.08.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Aug%202016/20.08.16_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

20-Aug-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	45928	38365	38387	17530	2444	142654
Peak Shortage (MW)	1124	110	200	200	145	1779
Energy Met (MU)	1026	878	923	366	48	3241
Hydro Gen(MU)	371	101	86	85	19	662
Wind Gen(MU)	16	83	122	-----	-----	221

**B. Frequency Profile (%)**

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.060	0.15	1.97	14.36	16.48	74.34	9.18
SR GRID	0.060	0.15	1.97	14.36	16.48	74.34	9.18

RegionRegion	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	9946	0	226.2	128.8	-0.6	147
	Haryana	8397	50	164.6	136.6	-2.4	149
	Rajasthan	7865	0	174.9	70.5	0.5	208
	Delhi	5182	0	102.7	84.5	0.4	266
	UP	12688	0	253.7	133.1	0.3	422
	Uttarakhand	1714	75	36.0	14.8	1.2	169
	HP	1238	10	25.8	0.5	0.5	146
	J&K	1789	447	35.6	16.9	-3.3	129
WR	Chandigarh	312	0	6.2	6.6	-0.4	10
	Chhattisgarh	3384	0	72.6	37.3	2.6	290
	Gujarat	12750	0	277.3	71.7	-4.5	492
	MP	4754	0	103.0	31.4	-4.5	213
	Maharashtra	17456	0	382.5	117.2	1.0	396
	Goa	435	0	9.2	6.9	1.7	110
	DD	310	0	6.5	6.0	0.6	29
	DNH	721	0	16.1	16.3	-0.2	19
SR	Essar steel	543	0	11.1	12.1	-1.0	198
	Andhra Pradesh	7540	0	175.9	7.4	4.8	609
	Telangana	7836	0	174.6	120.3	2.0	393
	Karnataka	8642	0	185.1	65.0	-0.8	470
	Kerala	3327	75	64.6	44.8	0.6	160
	Tamil Nadu	14279	0	315.4	114.7	1.7	578
ER	Pondy	357	0	7.7	7.5	0.2	57
	Bihar	3345	200	65.1	65.4	-2.5	0
	DVC	2605	0	55.6	-16.5	0.6	100
	Jharkhand	988	0	19.8	15.5	-0.4	40
	Odisha	3922	0	75.4	19.7	-0.7	100
	West Bengal	7840	0	149.1	47.9	5.1	250
NER	Sikkim	90	0	1.3	1.6	-0.3	0
	Arunachal Pradesh	98	4	2.0	1.8	0.2	5
	Assam	1569	76	31.7	21.9	4.8	188
	Manipur	129	8	1.9	2.1	-0.2	8
	Meghalaya	268	0	4.8	0.0	1.1	31
	Mizoram	75	2	1.2	1.0	0.2	21
	Nagaland	101	4	1.9	1.6	0.3	9
Tripura	243	10	4.2	3.5	1.2	23	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.0	-4.9	-12.6
Day peak (MW)	1395.8	-189.6	-546.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	163.8	-150.8	81.1	-94.1	-2.1	-2.1
Actual(MU)	157.5	-160.5	89.2	-90.1	3.4	-0.5
O/D/U/D(MU)	-6.3	-9.7	8.1	4.0	5.5	1.6

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3594	16871	2430	870	65	23830
State Sector	14005	21804	9941	8129	110	53989
Total	17599	38675	12371	8999	175	77819

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०पा०(शि०प०)/  
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 20-Aug-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	298	0.0	10.0	-10.0
2		SASARAM-FATEHPUR	S/C	12	132	0.0	2.0	-2.0
3		GAYA-BALIA	S/C	0	325	0.0	6.0	-6.0
4	HVDC LINK	PUSAULI B/B	S/C	3	0	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	216	0	4.0	0.0	4.0
6		PUSAULI-ALLAHABAD	S/C	129	0	2.0	0.0	2.0
7		MUZAFFARPUR-GORAKHPUR	D/C	3	398	0.0	6.0	-6.0
8		PATNA-BALIA	Q/C	0	700	0.0	11.0	-11.0
9		BIHARSHARIFF-BALIA	D/C	11	217	0.0	3.0	-3.0
10		BARH-GORAKHPUR	D/C	0	461	0.0	9.0	-9.0
11		BIHARSHARIFF-VARANASI	D/C	301	0	0.0	2.0	-2.0
12	220 KV	PUSAULI-SAHUPURI	S/C	0	208	0.0	3.0	-3.0
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>6.0</b>	<b>52.0</b>	<b>-46.0</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	82	453	0.0	5.0	-5.0
18		NEW RANCHI-DHARAMJAIGARH	D/C	586	33	7.0	0.0	7.0
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	192	5	2.0	0.0	2.0
20		JHARSUGUDA-RAIGARH	S/C	155	27	2.0	0.0	2.0
21		IBEUL-RAIGARH	S/C	114	15	1.0	0.0	1.0
22		STERLITE-RAIGARH	D/C	39	114	0.0	1.0	-1.0
23		RANCHI-SIPAT	D/C	301	0	5.0	0.0	5.0
24	220 KV	BUDHIPADAR-RAIGARH	S/C	18	112	0.0	1.0	-1.0
25		BUDHIPADAR-KORBA	D/C	55	54	0.0	0.0	0.0
<b>ER-WR</b>						<b>17.0</b>	<b>7.0</b>	<b>10.0</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	319	0.0	16.0	-16.0
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2449	0.0	44.0	-44.0
28		TALCHER-I/C		0.0	1439	0.0	28.0	-28.0
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>60.0</b>	<b>-60.0</b>
<b>Import/Export of ER (With NER)</b>								
30	400 KV	BINAGURI-BONGAIGAON	Q/C	7	1517	0.0	22.0	-22
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	4.0	-4
<b>ER-NER</b>						<b>0.0</b>	<b>26.0</b>	<b>-26.0</b>
<b>Import/Export of NR (With NER)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	1000	0	22.9	0.0	22.9
<b>NR-NER</b>						<b>22.9</b>	<b>0.0</b>	<b>22.9</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	VCHAL B/B	D/C	500	0	9.0	0.0	9.0
34	HVDC	APL -MHG	D/C	0	1815	0.0	35.0	-35.0
35	765 KV	GWALIOR-AGRA	D/C	0	2446	0.0	41.0	-41.0
36	765 KV	PHAGI-GWALIOR	D/C	0	950	0.0	17.9	-17.9
37	400 KV	ZERDA-KANKROLI	S/C	54	209	0.0	2.0	-2.0
38	400 KV	ZERDA -BHINMAL	S/C	36	284	0.0	3.0	-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	18	73	0.0	1.0	-1.0
42		BADOD-MORAK	S/C	0	81	0.0	1.0	-1.0
43		MEHGAON-AURAIYA	S/C	53	0	1.0	0.0	1.0
44		MALANPUR-AURAIYA	S/C	17	11	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>10.0</b>	<b>100.9</b>	<b>-90.9</b>
<b>Import/Export of WR (With SR)</b>								
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	22.0	-22.0
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
48		SOLAPUR-RAICHUR	D/C	0	2319	0.0	42.0	-42.0
49	400 KV	KOLHAPUR-KUDGI	D/C	16	318	0.0	4.0	-4.0
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	58	0.0	1.0	-1.0
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>2.0</b>	<b>69.0</b>	<b>-67.0</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						<b>34.0</b>
55		NEPAL						<b>-4.9</b>
56		BANGLADESH						<b>-12.6</b>