



**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: 21<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 20.08.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 20<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 20<sup>th</sup> August 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Aug%202016/21.08.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Aug%202016/21.08.16_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

21-Aug-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44114	39393	38573	18090	2421	142590
Peak Shortage (MW)	1303	151	0	200	134	1788
Energy Met (MU)	1035	893	915	380	48	3272
Hydro Gen(MU)	369	97	90	82	19	656
Wind Gen(MU)	15	107	90	-----	-----	212

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	0.064	0.00	1.64	18.61	20.25	71.72	8.02
SR GRID	0.064	0.00	1.64	18.61	20.25	71.72	8.02

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	9162	0	208.7	121.1	-1.4	120
	Haryana	8117	0	168.7	142.4	-2.0	193
	Rajasthan	7648	0	172.2	69.1	1.1	263
	Delhi	5032	0	101.7	85.6	0.5	173
	UP	12559	0	280.0	142.9	1.4	432
	Uttarakhand	1720	0	37.6	15.9	1.9	224
	HP	1235	0	24.9	-0.3	0.3	179
	J&K	1837	459	35.8	15.7	-1.9	168
WR	Chandigarh	257	0	5.5	5.9	-0.4	8
	Chhattisgarh	3496	0	80.1	40.9	2.7	445
	Gujarat	12744	0	286.3	76.3	-4.5	396
	MP	4869	0	93.9	13.3	-3.0	279
	Maharashtra	17860	0	388.5	121.0	0.8	488
	Goa	422	0	9.2	6.9	1.8	154
	DD	313	0	7.0	6.7	0.3	29
	DNH	740	0	16.9	17.1	-0.1	29
SR	Essar steel	572	0	11.4	11.6	-0.2	229
	Andhra Pradesh	7837	0	170.2	11.6	5.8	719
	Telangana	7657	0	174.3	114.6	1.1	305
	Karnataka	8145	600	188.4	62.4	3.0	624
	Kerala	3388	0	65.3	45.4	0.6	125
	Tamil Nadu	14163	0	309.3	118.2	2.5	806
ER	Pondy	359	0	7.8	7.6	0.1	40
	Bihar	3403	200	70.0	66.8	1.0	250
	DVC	2756	0	59.2	-17.3	-1.0	100
	Jharkhand	1075	0	20.0	15.5	-0.1	150
	Odisha	3759	0	75.8	19.7	-1.0	200
	West Bengal	7762	0	154.1	50.7	5.4	485
NER	Sikkim	85	0	1.3	1.4	-0.1	25
	Arunachal Pradesh	103	3	2.0	2.0	0.0	7
	Assam	1569	69	32.3	22.7	4.9	203
	Manipur	128	3	2.0	1.9	0.1	2
	Meghalaya	243	0	4.6	0.4	0.6	23
	Mizoram	69	5	1.2	1.0	0.2	18
	Nagaland	106	3	1.9	1.6	0.2	4
Tripura	253	0	4.3	3.3	1.4	36	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	31.2	-5.2	-11.9
Day peak (MW)	1377.2	-213.1	-554.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	178.1	-162.5	84.3	-96.4	-1.9	1.6
Actual(MU)	173.2	-180.3	92.2	-85.6	4.0	3.6
O/D/U/D(MU)	-4.9	-17.7	7.9	10.8	5.9	2.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4094	16600	2220	1530	100	24544
State Sector	14465	22204	9231	7619	110	53629
Total	18559	38804	11451	9149	210	78173

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 : 21-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	345	0.0	10.8	-10.8
2		SASARAM-FATEHPUR	S/C	0	49	2.1	0.0	2.1
3		GAYA-BALIA	S/C	0	377	0.0	6.1	-6.1
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	0	196	1.7	0.0	1.7
6		PUSAULI-ALLAHABAD	S/C	0	84	1.5	0.0	1.5
7		MUZAFFARPUR-GORAKHPUR	D/C	0	433	0.0	5.4	-5.4
8		PATNA-BALIA	Q/C	0	919	0.0	13.5	-13.5
9		BIHARSHARIFF-BALIA	D/C	0	211	0.0	2.8	-2.8
10		BARH-GORAKHPUR	D/C	0	472	0.0	9.2	-9.2
11		BIHARSHARIFF-VARANASI	D/C	271	0	0.0	1.2	-1.2
12	220 KV	PUSAULI-SAHUPURI	S/C	0	204	0.0	3.7	-3.7
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
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>5.8</b>	<b>52.7</b>	<b>-46.9</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	437	0.0	3.8	-3.8
18		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.6	0.0	9.6
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.8	0.0	2.8
20		JHARSUGUDA-RAIGARH	S/C	0	9	1.5	0.0	1.5
21		IBEUL-RAIGARH	S/C	0	3	1.1	0.0	1.1
22		STERLITE-RAIGARH	D/C	0	99	0.0	0.8	-0.8
23		RANCHI-SIPAT	D/C	0	0	3.7	0.0	3.7
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	106	0.0	1.5	-1.5
25		BUDHIPADAR-KORBA	D/C	0	45	0.2	0.0	0.2
<b>ER-WR</b>						<b>18.9</b>	<b>6.1</b>	<b>12.8</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	316	0.0	16.1	-16.1
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2261	0.0	43.5	-43.5
28		TALCHER-I/C			0.0	1350	1.3	26.9
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>1.3</b>	<b>59.6</b>	<b>-59.6</b>
<b>Import/Export of ER (With NER)</b>								
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	1153	0.0	22.6	-23
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	3.7	-4
<b>ER-NER</b>						<b>0.0</b>	<b>26.2</b>	<b>-26.2</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	50	8.5	0.2	8.3
34	HVDC	APL -MHG	D/C	0	1815	0.0	36.7	-36.7
35	765 KV	GWALIOR-AGRA	D/C	0	2670	0.0	49.8	-49.8
36	765 KV	PHAGI-GWALIOR	D/C	0	1202	0.0	20.4	-20.4
37	400 KV	ZERDA-KANKROLI	S/C	61	224	0.0	2.3	-2.3
38	400 KV	ZERDA -BHINMAL	S/C	37	308	0.0	3.6	-3.6
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	18	73	0.0	0.8	-0.8
42		BADOD-MORAK	S/C	0	81	0.0	1.0	-1.0
43		MEHGAON-AURAIYA	S/C	53	0	0.8	0.0	0.8
44		MALANPUR-AURAIYA	S/C	17	11	0.2	0.1	0.1
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>9.6</b>	<b>114.9</b>	<b>-105.3</b>
<b>Import/Export of WR (With SR)</b>								
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
48		SOLAPUR-RAICHUR	D/C	0	2355	0.0	42.8	-42.8
49	400 KV	KOLHAPUR-KUDGI	D/C	19	224	0.0	3.3	-3.3
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	58	0.0	1.2	-1.2
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
52		XELDEM-AMBEWADI	S/C	89	0	1.7	0.0	1.7
<b>WR-SR</b>						<b>1.7</b>	<b>71.3</b>	<b>-69.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						<b>31.2</b>
55		NEPAL						<b>-5.2</b>
56		BANGLADESH						<b>-11.9</b>