



**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: 22<sup>nd</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 21.08.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 21<sup>st</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 21<sup>st</sup> August 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Aug%202016/22.08.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Aug%202016/22.08.16_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

22-Aug-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44774	39297	36294	16589	2323	139277
Peak Shortage (MW)	870	79	0	150	28	1127
Energy Met (MU)	1015	900	897	368	45	3226
Hydro Gen(MU)	364	93	76	78	18	630
Wind Gen(MU)	8	90	92	-----	-----	190

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	0.050	0.24	0.86	9.12	10.22	74.83	14.95
SR GRID	0.050	0.24	0.86	9.12	10.22	74.83	14.95

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	9177	0	196.4	114.6	0.0	123
	Haryana	8170	14	161.2	134.1	-2.3	219
	Rajasthan	7403	0	167.2	70.8	0.5	300
	Delhi	4987	0	98.5	80.8	-0.8	215
	UP	13441	0	290.1	149.0	0.5	326
	Uttarakhand	1737	0	38.5	15.5	3.4	421
	HP	1125	0	23.6	-0.6	-0.7	107
	J&K	1816	454	34.5	15.6	-3.1	167
WR	Chandigarh	275	0	5.3	5.6	-0.3	26
	Chhattisgarh	3435	0	81.6	40.4	2.5	764
	Gujarat	12402	9	278.3	78.0	-2.7	411
	MP	5440	0	106.4	28.6	-2.0	228
	Maharashtra	17920	3	389.9	124.5	3.8	406
	Goa	427	0	8.3	7.2	0.6	115
	DD	298	0	6.8	6.7	0.1	5
	DNH	734	0	16.8	17.1	-0.3	22
SR	Essar steel	590	0	11.9	10.9	1.0	234
	Andhra Pradesh	7767	0	174.6	13.3	3.9	626
	Telangana	7591	0	170.4	110.8	0.8	247
	Karnataka	8432	500	183.6	60.1	6.2	529
	Kerala	3228	0	60.8	45.6	0.7	156
ER	Tamil Nadu	13124	0	300.6	108.7	1.3	604
	Pondy	329	0	6.9	7.0	-0.1	44
	Bihar	3396	150	70.5	64.5	3.7	250
	DVC	2826	0	59.0	-15.7	-0.3	300
	Jharkhand	1053	0	20.8	15.9	0.3	230
NER	Odisha	3843	0	76.6	22.4	0.2	150
	West Bengal	7398	0	140.5	41.7	4.5	450
	Sikkim	64	0	1.1	1.1	0.0	35
	Arunachal Pradesh	99	2	2.0	1.8	0.1	5
	Assam	1513	0	30.8	23.2	2.8	260
NER	Manipur	118	2	2.1	2.0	0.1	22
	Meghalaya	231	0	4.4	0.3	0.0	15
	Mizoram	64	1	1.2	1.0	0.1	27
	Nagaland	107	2	1.8	1.6	0.1	12
	Tripura	210	1	3.1	3.3	-0.2	20

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	31.0	-5.0	-11.4
Day peak (MW)	1412.3	-196.8	-551.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	181.7	-173.4	83.9	-90.1	-1.0	1.2
Actual(MU)	173.3	-189.6	91.9	-74.8	0.6	1.5
O/D/U/D(MU)	-8.4	-16.2	8.0	15.3	1.6	0.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4094	16240	2720	1080	100	24234
State Sector	14725	22334	9331	7159	110	53659
Total	18819	38574	12051	8239	210	77893

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 : 22-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	306	0.0	9.1	-9.1
2		SASARAM-FATEHPUR	S/C	313	0	5.0	0.0	5.0
3		GAYA-BALIA	S/C	0	372	0.0	6.1	-6.1
4	HVDC LINK	PUSAULI B/B	S/C	0	249	0.0	6.0	-6.0
5	400 KV	PUSAULI-SARNATH	S/C	0	213	0.0	0.0	0.0
6		PUSAULI-ALLAHABAD	S/C	0	86	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	3	466	0.0	7.6	-7.6
8		PATNA-BALIA	Q/C	0	721	0.0	8.5	-8.5
9		BIHARSHARIFF-BALIA	D/C	9	191	0.0	2.9	-2.9
10		BARH-GORAKHPUR	D/C	0	464	0.0	8.2	-8.2
11	220 KV	BIHARSHARIFF-VARANASI	D/C	443	0	0.0	0.6	-0.6
12		PUSAULI-SAHUPURI	S/C	0	233	0.0	4.4	-4.4
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7
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>5.7</b>	<b>53.4</b>	<b>-47.7</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	165	510	0.0	1.9	-1.9
18		NEW RANCHI-DHARAMJAIGARH	D/C	203	0	9.2	0.0	9.2
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	179	13	1.7	0.0	1.7
20		JHARSUGUDA-RAIGARH	S/C	120	44	0.7	0.0	0.7
21		IBEUL-RAIGARH	S/C	85	27	0.7	0.0	0.7
22		STERLITE-RAIGARH	D/C	27	132	0.0	1.6	-1.6
23	220 KV	RANCHI-SIPAT	D/C	372	0	5.7	0.0	5.7
24		BUDHIPADAR-RAIGARH	S/C	0	119	0.0	1.9	-1.9
25		BUDHIPADAR-KORBA	D/C	56	27	0.3	0.0	0.3
<b>ER-WR</b>						<b>18.2</b>	<b>5.4</b>	<b>12.8</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	317	0.0	16.1	-16.1
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1967	0.0	40.1	-40.1
28		TALCHER-I/C		0.0	1250	1.3	18.6	-17.4
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>56.2</b>	<b>-56.2</b>
<b>Import/Export of ER (With NER)</b>								
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	1055	0.0	14.8	-15
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	3.2	-3
<b>ER-NER</b>						<b>0.0</b>	<b>18.0</b>	<b>-18.0</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	11.6	0.0	11.6
34	HVDC	APL -MHG	D/C	0	2259	0.0	38.7	-38.7
35	765 KV	GWALIOR-AGRA	D/C	0	2758	0.0	51.5	-51.5
36	765 KV	PHAGI-GWALIOR	D/C	0	1148	0.0	22.3	-22.3
37	400 KV	ZERDA-KANKROLI	S/C	76	175	0.0	1.4	-1.4
38	400 KV	ZERDA -BHINMAL	S/C	86	254	0.0	2.5	-2.5
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	125	0.0	1.9	-1.9
42		BADOD-MORAK	S/C	0	161	0.0	3.0	-3.0
43		MEHGAON-AURAIYA	S/C	41	15	0.3	0.0	0.3
44		MALANPUR-AURAIYA	S/C	21	37	0.0	0.3	-0.3
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>11.9</b>	<b>121.7</b>	<b>-109.9</b>
<b>Import/Export of WR (With SR)</b>								
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
48		SOLAPUR-RAICHUR	D/C	0	2291	0.0	42.9	-42.9
49	400 KV	KOLHAPUR-KUDGI	D/C	19	224	0.0	3.3	-3.3
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	55	0.0	1.1	-1.1
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
52		XELDEM-AMBEWADI	S/C	82	0	1.5	0.0	1.5
<b>WR-SR</b>						<b>1.5</b>	<b>71.1</b>	<b>-69.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						<b>31.0</b>
55		NEPAL						<b>-5.0</b>
56		BANGLADESH						<b>-11.4</b>