



**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: 23<sup>nd</sup> Nov 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., एफ3-, 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, शिलॉंग - 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 22.11.2016.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22 नवंबर 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके की वेबसाइट 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 22<sup>nd</sup> November 2016, is available at the NLDC website.

Thanking You.



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

Report for previous day

Date of Reporting

23-Nov-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	38060	45192	38257	17092	2208	140809
Peak Shortage (MW)	1624	23	0	150	70	1867
Energy Met (MU)	802	1012	863	306	38	3021
Hydro Gen(MU)	106	49	33	30	11	228
Wind Gen(MU)	3	11	17	-----	-----	31
Solar Gen (MU)*	3.44	10.38	14.40	0.05	0.03	28

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	0.043	0.00	0.16	8.48	8.65	75.71	15.65
SR GRID	0.043	0.00	0.16	8.48	8.65	75.71	15.65

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	4778	0	93.5	47.7	1.3	225
	Haryana	5863	0	106.5	83.6	0.0	364
	Rajasthan	9646	321	197.9	83.8	2.3	383
	Delhi	2975	0	55.5	39.9	1.0	315
	UP	12217	5	252.7	86.4	-2.2	357
	Uttarakhand	1658	0	31.3	17.7	-0.7	249
	HP	1370	0	24.0	18.0	0.4	159
	J&K	1700	425	37.1	34.0	-2.5	117
	Chandigarh	174	0	3.3	3.3	0.0	23
WR	Chhattisgarh	2857	0	60.9	3.5	-2.1	340
	Gujarat	12731	0	275.8	72.4	-1.5	360
	MP	9985	0	218.0	139.6	-2.9	385
	Maharashtra	19735	0	418.2	105.7	1.3	516
	Goa	427	0	8.7	8.2	0.1	73
	DD	285	0	6.3	6.3	0.0	9
	DNH	694	0	15.8	16.2	-0.3	39
	Essar steel	461	0	8.0	8.2	-0.2	197
	Andhra Pradesh	6974	0	151.6	26.6	-0.1	801
SR	Telangana	6616	0	135.0	65.9	1.0	337
	Karnataka	9324	0	202.5	81.1	2.8	465
	Kerala	3599	0	67.1	54.6	3.0	245
	Tamil Nadu	13917	0	300.4	145.7	0.8	620
	Pondy	317	0	6.5	6.9	-0.4	24
	Bihar	3347	150	61.9	56.9	2.1	0
ER	DVC	2708	0	55.0	-37.2	-1.8	0
	Jharkhand	1242	0	19.7	13.1	1.0	250
	Odisha	3907	0	69.9	16.8	0.8	250
	West Bengal	6205	0	98.2	20.2	-0.5	150
	Sikkim	93	0	1.3	1.4	0.0	10
NER	Arunachal Pradesh	112	2	1.5	2.0	-0.5	16
	Assam	1389	14	23.5	16.7	2.7	125
	Manipur	139	2	2.1	2.1	0.1	36
	Meghalaya	218	0	4.9	3.9	-0.4	31
	Mizoram	84	4	1.4	1.2	0.2	19
	Nagaland	104	2	1.8	1.8	-0.1	13
	Tripura	207	1	2.8	2.4	-0.4	46

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.5	-3.7	-11.8
Day peak (MW)	525.7	-247.9	-582.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	188.3	-185.9	92.1	-93.7	-0.2	0.5
Actual(MU)	191.0	-193.2	96.1	-93.9	-0.2	-0.2
O/D/U/D(MU)	2.7	-7.2	4.0	-0.2	0.0	-0.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6342	13221	1710	1430	34	22737
State Sector	13155	16638	6534	5324	110	41761
Total	19497	29859	8244	6754	143	64498

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(शि०प्र०)/  
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	23-Nov-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	392	0.0	12.6	-12.6	
2		SASARAM-FATEHPUR	S/C	220	116	1.8	0.0	1.8	
3		GAYA-BALIA	S/C	0	361	0.0	7.0	-7.0	
4	HVDC LINK	PUSAULI B/B	S/C	2	148	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	0	157	0.0	2.5	-2.5	
6		PUSAULI-ALLAHABAD	S/C	45	25	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	190	284	0.0	3.3	-3.3	
8		PATNA-BALIA	Q/C	0	643	0.0	10.5	-10.5	
9		BIHARSHARIFF-BALIA	D/C	57	201	0.0	2.8	-2.8	
10		BARH-GORAKHPUR	D/C	0	445	0.0	9.3	-9.3	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.1	-0.1	
12		PUSAULI-SAHUPURI	S/C	0	223	0.0	4.2	-4.2	
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.8	0.0	0.8	
15		KARMANASA-SAHUPURI	S/C	0	0	0.5	0.0	0.5	
16	132 KV	KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
<b>ER-NR</b>						<b>3.2</b>	<b>52.3</b>	<b>-49.1</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	998	0.0	12.4	-12.4	
18		NEW RANCHI-DHARAMJAIGARH	D/C	310	260	0.6	0.0	0.6	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	129	41	1.1	0.0	1.1	
20		JHARSUGUDA-RAIGARH	S/C	147	0	2.1	0.0	2.1	
21		IBEUL-RAIGARH	S/C	107	0	1.5	0.0	1.5	
22		STERLITE-RAIGARH	D/C	0	272	0.0	3.5	-3.5	
23	220 KV	RANCHI-SIPAT	D/C	228	100	2.1	0.0	2.1	
24		BUDHIPADAR-RAIGARH	S/C	65	69	0.3	0.0	0.3	
25		BUDHIPADAR-KORBA	D/C	160	0	2.6	0.0	2.6	
<b>ER-WR</b>						<b>10.3</b>	<b>15.8</b>	<b>-5.5</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	330	0.0	15.8	-15.8	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2264	0.0	46.1	-46.1	
28		TALCHER-I/C		0.0	1133	0.0	17.0	-17.0	
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>61.9</b>	<b>-61.9</b>	
<b>Import/Export of ER (With NER)</b>									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	1001	0.0	14.4	-14	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	1.8	-2	
<b>ER-NER</b>						<b>0.0</b>	<b>16.2</b>	<b>-16.2</b>	
<b>Import/Export of NR (With NER)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	15.9	0.0	15.9	
<b>NR-NER</b>						<b>15.9</b>	<b>0.0</b>	<b>15.9</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	VCHAL B/B	D/C	400	0	7.8	0.0	7.8	
34	HVDC	APL -MHG	D/C	0	2145	0.0	40.9	-40.9	
35	765 KV	GWALIOR-AGRA	D/C	0	2424	0.0	48.7	-48.7	
36	765 KV	PHAGI-GWALIOR	D/C	0	2020	0.0	38.9	-38.9	
37	400 KV	ZERDA-KANKROLI	S/C	140	111	0.2	0.0	0.2	
38	400 KV	ZERDA -BHINMAL	S/C	138	288	0.0	0.8	-0.8	
39	400 KV	VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
40	400KV	RAPP-SHUJALPUR	D/C	0	400	0	7	-7	
41	220 KV	BADOD-KOTA	S/C	91	0	1.4	0.0	1.4	
42		BADOD-MORAK	S/C	30	21	0.3	0.1	0.2	
43		MEHGAON-AURAIYA	S/C	82	0	1.5	0.0	1.5	
44		MALANPUR-AURAIYA	S/C	37	0	0.6	0.0	0.6	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>11.7</b>	<b>136.4</b>	<b>-124.6</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	2397	0.0	46.1	-46.1	
49	400 KV	KOLHAPUR-KUDGI	D/C	0	490	0.0	7.8	-7.8	
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
52		XELDEM-AMBEWADI	S/C	77	0	1.6	0.0	1.6	
<b>WR-SR</b>						<b>1.6</b>	<b>77.8</b>	<b>-76.2</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						11.5	
55		NEPAL						-3.7	
56		BANGLADESH						-11.8	