



**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> 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., डोंगतेह, लोअर नॉग्रह , लापलंग, शिल्लोंग - 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 21.11.2016.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21 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 21<sup>st</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

22-Nov-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	38777	42990	37724	16490	2083	138064
Peak Shortage (MW)	913	22	0	200	221	1356
Energy Met (MU)	786	988	847	311	37	2969
Hydro Gen(MU)	108	36	27	33	11	214
Wind Gen(MU)	9	8	18	-----	-----	35
Solar Gen (MU)*	0.49	9.93	10.90	0.04	0.02	21

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	0.056	0.00	0.50	15.59	16.09	68.68	15.23
SR GRID	0.056	0.00	0.50	15.59	16.09	68.68	15.23

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	4550	0	89.0	45.1	0.5	167
	Haryana	5877	0	103.9	81.9	-0.9	111
	Rajasthan	9088	971	191.5	71.8	2.8	315
	Delhi	2958	0	54.8	39.8	0.8	228
	UP	12248	140	251.6	86.0	0.9	468
	Uttarakhand	1687	0	31.1	17.5	0.0	156
	HP	1361	0	23.9	17.9	0.2	131
	J&K	1747	437	36.7	34.3	-3.0	89
	Chandigarh	174	0	3.2	3.2	0.1	25
WR	Chhattisgarh	3002	0	58.8	2.8	-4.3	206
	Gujarat	12853	0	272.9	80.2	-1.5	490
	MP	10813	0	215.4	143.7	-3.8	427
	Maharashtra	19621	0	403.2	109.5	-0.4	482
	Goa	435	0	8.5	8.4	-0.4	-20
	DD	281	0	6.1	6.3	-0.2	-2
	DNH	706	0	15.8	16.1	-0.3	30
	Essar steel	415	0	7.6	8.6	-1.1	123
	Andhra Pradesh	6988	0	152.9	23.7	4.0	454
SR	Telangana	6513	0	133.0	64.7	1.0	531
	Karnataka	9214	0	200.0	81.4	3.3	457
	Kerala	3567	0	65.7	55.8	2.3	248
	Tamil Nadu	13813	0	288.8	146.1	0.2	509
	Pondy	300	0	6.2	6.6	-0.4	21
	Bihar	3259	0	60.8	56.2	2.0	585
ER	DVC	2513	0	56.6	-37.1	0.2	305
	Jharkhand	1110	0	22.1	13.3	0.8	165
	Odisha	3941	0	65.7	16.8	-0.7	385
	West Bengal	6354	0	104.2	22.0	1.5	345
	Sikkim	72	0	1.2	1.3	-0.1	20
NER	Arunachal Pradesh	117	2	1.8	2.0	-0.2	15
	Assam	1365	13	22.4	16.2	2.0	182
	Manipur	137	1	2.0	2.0	-0.1	36
	Meghalaya	267	0	4.6	3.9	-0.5	48
	Mizoram	87	1	1.4	1.2	0.1	20
	Nagaland	104	2	1.8	1.8	0.0	11
	Tripura	207	1	3.2	2.0	0.4	77

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.7	-3.8	-12.7
Day peak (MW)	675.7	-203.0	-582.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	169.9	-168.8	91.0	-91.0	-0.1	1.0
Actual(MU)	179.7	-185.3	96.0	-88.1	0.1	2.4
O/D/U/D(MU)	9.8	-16.4	5.0	2.8	0.2	1.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6342	12921	2710	1430	397	23800
State Sector	14415	16616	6534	6074	110	43749
Total	20757	29537	9244	7504	506	67549

\*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 : 22-Nov-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	342	0.0	12.7	-12.7
2		SASARAM-FATEHPUR	S/C	204	83	1.7	0.0	1.7
3		GAYA-BALIA	S/C	0	368	0.0	6.7	-6.7
4	HVDC LINK	PUSAULI B/B	S/C	0	149	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	0	165	0.0	2.6	-2.6
6		PUSAULI-ALLAHABAD	S/C	25	21	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	155	406	0.0	4.1	-4.1
8		PATNA-BALIA	Q/C	0	635	0.0	12.8	-12.8
9		BIHARSHARIFF-BALIA	D/C	43	225	0.0	2.7	-2.7
10		BARH-GORAKHPUR	D/C	0	472	0.0	9.6	-9.6
11	220 KV	BIHARSHARIFF-VARANASI	D/C	27	0	0.2	0.0	0.2
12		PUSAULI-SAHUPURI	S/C	0	230	0.0	3.8	-3.8
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>55.1</b>	<b>-51.9</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	761	0.0	10.6	-10.6
18		NEW RANCHI-DHARAMJAIGARH	D/C	385	243	1.4	0.0	1.4
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	186	22	1.6	0.0	1.6
20		JHARSUGUDA-RAIGARH	S/C	191	0	2.6	0.0	2.6
21		IBEUL-RAIGARH	S/C	138	0	1.8	0.0	1.8
22		STERLITE-RAIGARH	D/C	19	195	0.0	1.9	-1.9
23	220 KV	RANCHI-SIPAT	D/C	251	44	2.3	0.0	2.3
24		BUDHIPADAR-RAIGARH	S/C	69	103	0.3	0.6	-0.3
25		BUDHIPADAR-KORBA	D/C	194	0	2.7	0.0	2.7
<b>ER-WR</b>						<b>12.6</b>	<b>13.1</b>	<b>-0.5</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	327	0.0	15.9	-15.9
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2457	0.0	48.1	-48.1
28		TALCHER-I/C		0.0	1394	0.0	16.5	-16.5
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>64.0</b>	<b>-64.0</b>
<b>Import/Export of ER (With NER)</b>								
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	1227	0.0	14.2	-14
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	1.6	-2
<b>ER-NER</b>						<b>0.0</b>	<b>15.7</b>	<b>-15.7</b>
<b>Import/Export of NR (With NER)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	16.0	0.0	16.0
<b>NR-NER</b>						<b>16.0</b>	<b>0.0</b>	<b>16.0</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	VCHAL B/B	D/C	500	0	10.6	0.0	10.6
34	HVDC	APL -MHG	D/C	0	1184	0.0	28.4	-28.4
35	765 KV	GWALIOR-AGRA	D/C	0	2522	0.0	50.1	-50.1
36	765 KV	PHAGI-GWALIOR	D/C	0	1900	0.0	40.2	-40.2
37	400 KV	ZERDA-KANKROLI	S/C	171	42	1.3	0.0	1.3
38	400 KV	ZERDA -BHINMAL	S/C	144	170	0.0	0.3	-0.3
39	400 KV	VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
40	400KV	RAPP-SHUJALPUR	D/C	0	360	0	6	-6
41	220 KV	BADOD-KOTA	S/C	93	0	1.5	0.0	1.5
42		BADOD-MORAK	S/C	43	5	0.4	0.0	0.4
43		MEHGAON-AURAIYA	S/C	74	0	1.5	0.0	1.5
44		MALANPUR-AURAIYA	S/C	33	0	0.5	0.0	0.5
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>15.8</b>	<b>124.7</b>	<b>-108.9</b>
<b>Import/Export of WR (With SR)</b>								
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	21.1	-21.1
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
48		SOLAPUR-RAICHUR	D/C	0	2577	0.0	47.1	-47.1
49	400 KV	KOLHAPUR-KUDGI	D/C	0	505	0.0	7.7	-7.7
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	78	0	1.6	0.0	1.6
<b>WR-SR</b>						<b>1.6</b>	<b>75.9</b>	<b>-74.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						11.7
55		NEPAL						-3.8
56		BANGLADESH						-12.7