



**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: 06<sup>th</sup> Dec 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 05.12.2016.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05 दिसम्बर 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 05<sup>th</sup> December 2016, is available at the NLDC website.

[https://posoco.in/download/05-12-16\\_nldc\\_psp/?wpdmdl=7592](https://posoco.in/download/05-12-16_nldc_psp/?wpdmdl=7592)

Thanking You.



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

Report for previous day

Date of Reporting

6-Dec-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40766	45150	34666	16357	2193	139132
Peak Shortage (MW)	1366	102	70	93	67	1698
Energy Met (MU)	820	1019	786	298	36	2958
Hydro Gen(MU)	97	69	30	24	11	231
Wind Gen(MU)	2	23	17	-----	-----	42
Solar Gen (MU)*	0.56	8.00	13.50	0.04	0.02	22

**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	0.045	0.00	0.80	8.83	9.63	74.06	16.31
SR GRID	0.045	0.00	0.80	8.83	9.63	74.06	16.31

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	5764	0	114.4	43.8	0.5	447
	Haryana	6119	0	111.1	74.9	-0.7	327
	Rajasthan	9249	538	195.4	61.8	4.4	433
	Delhi	2995	0	55.2	42.4	-1.7	261
	UP	12263	395	248.3	83.4	-3.2	184
	Uttarakhand	1734	150	31.3	18.5	0.2	136
	HP	1373	0	24.1	19.2	-0.2	123
	J&K	1804	451	36.7	36.5	-4.0	63
	Chandigarh	187	0	3.3	3.4	-0.2	20
WR	Chhattisgarh	2944	0	64.5	8.0	-3.0	188
	Gujarat	13006	0	273.5	77.9	0.0	483
	MP	10673	0	213.0	117.1	-2.6	234
	Maharashtra	20366	0	428.8	120.9	2.6	652
	Goa	441	0	8.9	7.4	0.9	47
	DD	279	0	6.1	6.1	0.0	24
	DNH	682	0	15.2	15.4	-0.2	-9
	Essar steel	492	0	8.5	8.1	0.4	216
	Andhra Pradesh	6142	0	138.5	16.5	0.3	415
SR	Telangana	6796	0	140.6	73.8	2.3	351
	Karnataka	8799	0	189.2	67.0	5.8	497
	Kerala	3454	0	64.0	52.4	3.0	248
	Tamil Nadu	11976	0	247.6	120.0	-1.2	479
	Pondy	276	0	5.6	5.9	-0.4	23
	Bihar	3352	0	54.5	53.5	-2.4	100
ER	DVC	2151	0	56.2	-35.3	0.4	120
	Jharkhand	985	0	22.2	14.4	0.6	100
	Odisha	3880	0	66.2	20.1	0.6	150
	West Bengal	6471	0	97.8	18.2	1.6	150
	Sikkim	89	0	1.4	1.5	-0.2	12
	Arunachal Pradesh	97	3	2.1	1.7	0.4	3
NER	Assam	1325	22	20.6	16.2	0.4	87
	Manipur	130	2	2.1	2.4	-0.3	10
	Meghalaya	278	0	4.4	4.1	-0.6	12
	Mizoram	83	2	1.4	1.3	0.1	15
	Nagaland	100	2	2.1	1.8	0.3	7
	Tripura	213	2	3.2	1.4	-0.2	24

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.3	-5.2	-11.9
Day peak (MW)	411.6	-293.7	-563.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	162.2	-150.2	68.9	-87.1	6.0	-0.2
Actual(MU)	159.4	-153.5	74.3	-89.4	5.8	-3.4
O/D/U/D(MU)	-2.8	-3.3	5.4	-2.3	-0.2	-3.2

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4868	14506	3380	1760	629	25143
State Sector	12355	17964	8012	5324	110	43765
Total	17223	32470	11392	7084	738	68908

\*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 : 6-Dec-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	476	0.0	14.0	-14.0
2		SASARAM-FATEHPUR	S/C	214	99	0.0	0.0	0.0
3		GAYA-BALIA	S/C	0	453	0.0	8.0	-8.0
4	HVDC LINK	PUSAULI B/B	S/C	0	348	0.0	9.0	-9.0
5	400 KV	PUSAULI-SARNATH	S/C	10	295	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	351	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	21	658	0.0	9.0	-9.0
8		PATNA-BALIA	Q/C	88	575	0.0	9.0	-9.0
9		BIHARSHARIFF-BALIA	D/C	77	408	0.0	4.0	-4.0
10		BARH-GORAKHPUR	D/C	0	488	0.0	9.0	-9.0
11	BIHARSHARIFF-VARANASI	D/C	32	0	0.0	1.0	-1.0	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	200	0.0	4.0	-4.0
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	1.0	0.0	1.0
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>1.0</b>	<b>67.0</b>	<b>-66.0</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	900	0.0	13.0	-13.0
18		NEW RANCHI-DHARAMJAIGARH	D/C	193	285	0.0	2.0	-2.0
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	91	63	0.0	0.0	0.0
20		JHARSUGUDA-RAIGARH	S/C	108	29	1.0	0.0	1.0
21		IBEUL-RAIGARH	S/C	79	17	1.0	0.0	1.0
22		STERLITE-RAIGARH	D/C	0	245	0.0	4.0	-4.0
23		RANCHI-SIPAT	D/C	175	50	1.0	0.0	1.0
24	220 KV	BUDHIPADAR-RAIGARH	S/C	31	81	0.0	0.0	0.0
25		BUDHIPADAR-KORBA	D/C	152	0	0.0	2.0	-2.0
<b>ER-WR</b>						<b>3.0</b>	<b>21.0</b>	<b>-18.0</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	300	0.0	14.0	-14.0
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2258	0.0	42.0	-42.0
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-1/C		450.0	312	6.0	0.0	6.0
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>6.0</b>	<b>56.0</b>	<b>-56.0</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	Q/C	445	245	5.0	0.0	5
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
<b>ER-NER</b>						<b>5.0</b>	<b>0.0</b>	<b>5.0</b>
<b>Import/Export of NR (With NER)</b>								
33	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.0	12.0
<b>NR-NER</b>						<b>0.0</b>	<b>12.0</b>	<b>12.0</b>
<b>Import/Export of WR (With NR)</b>								
34	HVDC	V'CHAL B/B	D/C	450	0	11.0	0.0	11.0
35	HVDC	APL -MHG	D/C	0	2519	0.0	37.0	-37.0
36	765 KV	GWALIOR-AGRA	D/C	0	2480	0.0	51.0	-51.0
37	765 KV	PHAGI-GWALIOR	D/C	0	1556	0.0	30.3	-30.3
38	400 KV	ZERDA-KANKROLI	S/C	295	0	4.0	0.0	4.0
39	400 KV	ZERDA -BHINMAL	S/C	169	160	1.0	0.0	1.0
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
41	400KV	RAPP-SHUJALPUR	D/C	0	411	0	8	-8
42	220 KV	BADOD-KOTA	S/C	99	0	2.0	0.0	2.0
43		BADOD-MORAK	S/C	0	116	0.0	2.0	-2.0
44		MEHGAON-AURAIYA	S/C	74	0	1.0	0.0	1.0
45		MALANPUR-AURAIYA	S/C	28	0	0.0	0.0	0.0
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
<b>WR-NR</b>						<b>19.0</b>	<b>127.9</b>	<b>-108.9</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC LINK	BHADRAWATI B/B	-	0	500	0.0	12.0	-12.0
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 KV	SOLAPUR-RAICHUR	D/C	0	2262	0.0	44.0	-44.0
50	400 KV	KOLHAPUR-KUDGI	D/C	0	447	0.0	6.0	-6.0
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	265	0.0	6.0	-6.0
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
53		XELDEM-AMBEWADI	S/C	77	0	2.0	0.0	2.0
<b>WR-SR</b>						<b>2.0</b>	<b>68.0</b>	<b>-66.0</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						8.3
55		NEPAL						-5.2
56		BANGLADESH						-11.9