



**National Load Despatch Centre**  
राष्ट्रीय भार प्रेषण केंद्र  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
(Government of India Enterprise/ भारत सरकार का उद्यम)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016  
बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 9<sup>th</sup> Dec 2017

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. कार्यकारी निदेशक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093  
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006  
Executive Director, 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 08.12.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-दिसम्बर - 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 8<sup>th</sup> December 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

9-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41021	45542	38076	17325	2395	144359
Peak Shortage (MW)	756	0	99	0	52	907
Energy Met (MU)	902	1036	868	320	41	3168
Hydro Gen(MU)	116	20	69	30	14	249
Wind Gen(MU)	9	50	9	-----	-----	68
Solar Gen (MU)*	3.03	12.90	36.04	0.46	0.01	52
Energy Shortage (MU)	12.2	0.1	-0.3	0.0	0.4	12.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44892	48483	39257	17126	2387	145786

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.039	0.00	0.14	7.19	7.33	77.00	15.67

C. Power Supply Position in States

Region/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)	Energy Shortage (MU)
NR	Punjab	5601	0	105.9	35.1	-0.4	148	0.0
	Haryana	6407	0	118.0	59.7	2.3	270	0.1
	Rajasthan	10329	0	196.7	82.8	1.6	425	0.0
	Delhi	3565	0	62.3	49.9	-1.3	124	0.0
	UP	12600	570	271.2	89.8	1.8	523	1.8
	Uttarakhand	1947	0	74.3	19.9	-0.2	120	0.0
	HP	1524	0	27.1	21.4	0.3	68	0.0
	J&K	2268	567	43.7	40.0	-0.7	325	10.3
WR	Chhattisgarh	201	0	3.3	3.6	-0.3	6	0.0
	Gujarat	3355	0	70.9	10.5	-2.0	61	0.0
	MP	13816	0	293.5	70.2	1.8	601	0.0
	Maharashtra	9958	0	224.5	142.6	-2.1	373	0.1
	Goa	19287	0	401.2	140.5	-3.5	261	0.0
	DD	426	0	9.9	9.0	0.2	31	0.0
	DNH	326	0	7.3	6.7	0.6	63	0.0
	Essar steel	756	0	17.4	16.9	0.5	57	0.0
SR	Andhra Pradesh	552	0	11.4	10.7	0.7	220	0.0
	Telangana	7766	0	160.2	62.2	5.5	400	-0.1
	Karnataka	7714	0	154.2	66.5	0.9	395	-0.1
	Kerala	9417	0	200.8	89.8	79.4	428	-0.1
	Tamil Nadu	3523	0	68.0	52.9	1.1	216	0.0
	Pondy	13249	0	278.9	141.0	54.9	386	-0.1
ER	Bihar	310	0	6.4	7.0	-0.7	18	0.0
	DVC	3851	0	62.2	57.9	-2.3	150	0.0
	Jharkhand	3157	0	67.9	-35.4	-1.0	250	0.0
	Odisha	1132	0	23.3	13.6	-0.7	40	0.0
	West Bengal	3591	0	62.5	25.1	2.5	380	0.0
NER	Sikkim	6364	0	102.4	21.1	1.9	300	0.0
	Arunachal Pradesh	108	0	1.5	1.6	-0.1	20	0.0
	Assam	116	2	2.1	2.0	0.1	12	0.0
	Manipur	1451	12	23.3	18.2	0.7	115	0.3
	Meghalaya	174	1	2.4	2.8	-0.3	22	0.0
	Mizoram	319	0	6.1	3.3	-0.2	26	0.0
NER	Nagaland	83	1	1.6	1.4	0.1	17	0.0
	Tripura	114	3	2.5	1.6	0.4	31	0.0
		212	2	3.4	1.7	-0.1	46	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.6	-6.2	-3.8
Day peak (MW)	216.6	-402.8	-304.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	165.7	-186.6	99.8	-81.6	-1.7	-4.4
Actual(MU)	158.7	-190.4	109.7	-76.6	-2.4	-1.0
O/D/U/D(MU)	-7.0	-3.8	9.9	5.0	-0.7	3.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5055	15202	8322	2105	312	30995
State Sector	10365	17877	8730	5410	50	42432
Total	15420	33079	17052	7515	361	73427

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	517	1101	520	379	0	2518
Hydro	116	18	69	30	14	247
Nuclear	34	27	69	0	0	130
Gas, Naptha & Diesel	53	52	18	0	24	147
RES (Wind, Solar, Biomass & Others)	44	63	160	1	0	269
Total	764	1262	835	411	38	3310

\*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(ग्रि०प्र०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 9-Dec-17	
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
								Import=(+ve) /Export =(-ve) for NET (MU)	
<b>Import/Export of ER (With NR)</b>									
1	765KV	GAYA-VARANASI	D/C	0	259	0.0	6.1	-6.1	
2		SASARAM-FATEHPUR	S/C	0	155	0.0	0.0	0.0	
3		GAYA-BALIA	S/C	0	245	0.0	4.2	-4.2	
4	HVDC	ALIPURDUAR-AGRA	-	0	92	0.0	2.3	-2.3	
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	196	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	103	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	590	0.0	7.3	-7.3	
9		PATNA-BALIA	Q/C	0	978	0.0	19.2	-19.2	
10		BIHARSHARIFF-BALIA	D/C	0	181	0.0	2.1	-2.1	
11		MOTHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9	
12		BIHARSHARIFF-VARANASI	D/C	0	174	0.1	0.0	0.1	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	113	0.0	2.0	-2.0	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.0	0.0	0.0	
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
						<b>ER-NR</b>	<b>4.0</b>	<b>49.2</b>	<b>-45.2</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.3	0.0	9.3	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	392	0.6	0.0	0.6	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	46	1.2	0.0	1.2	
21		JHARSUGUDA-RAIGARH	S/C	0	8	1.1	0.0	1.1	
22		IBEUL-RAIGARH	S/C	0	0	1.1	0.0	1.1	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	30	2.5	0.0	2.5	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	72	0.0	0.3	-0.3	
26		BUDHIPADAR-KORBA	D/C	0	0	2.3	0.0	2.3	
						<b>ER-WR</b>	<b>18.0</b>	<b>0.3</b>	<b>17.7</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.8	-18.8	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	426.2	0.0	14.0	-14.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2124.2	0.0	43.5	-43.5	
30	400 KV	TALCHER-I/C	D/C	0.0	988.7	0.0	17.6	-17.6	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						<b>ER-SR</b>	<b>0.0</b>	<b>76.3</b>	<b>-76.3</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1134	0.0	8.2	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	925	0.0	7.2	-7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.8	-2	
						<b>ER-NER</b>	<b>0.0</b>	<b>17.2</b>	<b>-17.2</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	702	0.0	16.7	-16.7	
						<b>NER-NR</b>	<b>0.0</b>	<b>16.7</b>	<b>-16.7</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.4	-35.4	
37		V'CHAL B/B	D/C	250	250	4.8	0.7	4.0	
38		APL -MHG	D/C	0	809	0.0	19.4	-19.4	
39	765 KV	GWALIOR-AGRA	D/C	0	2226	0.0	42.2	-42.2	
40		PHAGI-GWALIOR	D/C	0	1436	0.0	30.1	-30.1	
41	400 KV	ZERDA-KANKROLI	S/C	45	154	0.0	1.8	-1.8	
42		ZERDA -BHINMAL	S/C	216	125	0.0	0.4	-0.4	
43		V'CHAL -RIHAND	S/C	958	0	21.8	0.0	21.8	
44		RAPP-SHUJALPUR	D/C	68	304	0	2	-2	
45		BADOD-KOTA	S/C	91	0	1.1	0.0	1.1	
46	220 KV	BADOD-MORAK	S/C	25	43	0.1	0.4	-0.3	
47		MEHGAON-AURAIYA	S/C	73	0	1.1	0.0	1.1	
48		MALANPUR-AURAIYA	S/C	31	0	0.3	0.0	0.3	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>29.2</b>	<b>132.2</b>	<b>-103.0</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	12.0	-12.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1898	0.0	34.5	-34.5	
53		WARDHA-NIZAMABAD	D/C	0	1868	0.0	34.8	-34.8	
54	400 KV	KOLHAPUR-KUDGI	D/C	360	166	3.8	1.3	2.5	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	73	0	1.5	0.0	1.5	
						<b>WR-SR</b>	<b>5.3</b>	<b>82.6</b>	<b>-77.3</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						7.6	
59		NEPAL						-6.2	
60		BANGLADESH						-3.8	