



**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: 8<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 07.12.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07-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 7<sup>th</sup> December 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

8-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41423	44966	37525	17364	2382	143660
Peak Shortage (MW)	858	11	99	0	53	1021
Energy Met (MU)	845	1011	857	325	41	3080
Hydro Gen(MU)	106	21	67	30	13	238
Wind Gen(MU)	11	45	8	-----	-----	65
Solar Gen (MU)*	2.87	11.04	31.87	0.60	0.02	46
Energy Shortage (MU)	13.1	0.0	-0.3	0.0	0.5	13.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42495	47533	38842	17403	2311	146054

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	0.05	7.35	7.40	76.09	16.52

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	5524	0	103.6	33.5	0.6	135	0.0
	Haryana	6311	0	117.0	62.3	1.0	209	0.0
	Rajasthan	9845	0	193.1	72.5	2.0	383	0.0
	Delhi	3477	0	61.6	49.3	-1.1	143	0.0
	UP	12308	90	260.3	86.4	0.4	368	2.5
	Uttarakhand	1886	0	35.1	19.9	-0.1	130	0.0
	HP	1477	0	26.7	21.0	0.2	125	0.1
	J&K	2186	547	44.5	40.6	-0.5	239	10.5
WR	Chhattisgarh	194	0	3.3	3.5	-0.2	10	0.0
	Gujarat	3218	0	69.5	13.0	-0.5	181	0.0
	MP	13167	0	279.1	72.7	-2.2	352	0.0
	Maharashtra	10902	0	212.3	131.7	1.6	658	0.0
	Goa	19468	0	405.0	151.6	-1.2	412	0.0
	DD	429	0	9.7	9.1	0.1	22	0.0
	DNH	322	0	7.2	6.5	0.7	67	0.0
	Essar steel	753	0	17.5	16.6	0.8	89	0.0
SR	Andhra Pradesh	550	0	10.9	10.7	0.2	230	0.0
	Telangana	7680	0	156.8	55.9	2.2	530	-0.1
	Karnataka	7489	0	152.9	60.6	0.1	408	-0.1
	Kerala	9240	0	196.1	93.3	2.6	498	-0.1
	Tamil Nadu	3509	0	66.8	52.6	1.1	176	0.0
	Pondy	13282	0	277.9	145.2	5.8	492	-0.1
ER	Bihar	320	0	6.3	6.9	-0.5	26	0.0
	DVC	3775	0	59.4	55.9	-2.8	200	0.0
	Jharkhand	3144	0	67.6	-37.1	-0.2	150	0.0
	Odisha	1115	0	23.9	13.7	-0.3	70	0.0
	West Bengal	3817	0	66.7	26.5	3.2	390	0.0
	Sikkim	6284	0	105.6	26.2	3.8	400	0.0
NER	Arunachal Pradesh	114	0	1.9	1.6	0.3	20	0.0
	Assam	122	1	2.2	2.0	0.2	3	0.0
	Manipur	1448	20	23.7	18.6	1.1	68	0.3
	Meghalaya	179	0	2.7	2.8	-0.1	20	0.0
	Mizoram	319	0	5.8	3.3	0.1	74	0.0
	Nagaland	86	1	1.5	1.5	-0.1	21	0.0
Tripura	118	1	2.2	1.6	0.1	18	0.0	
		215	0	3.3	1.7	0.0	7	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.6	-4.4	-12.0
Day peak (MW)	233.3	-390.1	-606.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	162.4	-181.9	88.1	-70.2	-0.7	-2.4
Actual(MU)	153.4	-188.1	91.9	-66.6	-0.6	-10.0
O/D/U/D(MU)	-9.0	-6.1	3.7	3.6	0.1	-7.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4555	14542	7022	2105	312	28535
State Sector	10250	19985	8610	5410	50	44305
Total	14805	34527	15632	7515	361	72840

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	502	1070	531	379	0	2482
Hydro	106	21	67	30	13	238
Nuclear	34	27	69	0	0	130
Gas, Naptha & Diesel	53	51	18	0	23	146
RES (Wind, Solar, Biomass & Others)	16	57	155	1	0	229
Total	711	1226	839	411	37	3224

\*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 :	8-Dec-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	233	0.0	5.9	-5.9	
2		SASARAM-FATEHPUR	S/C	0	151	0.2	0.0	0.2	
3		GAYA-BALIA	S/C	0	211	0.0	3.9	-3.9	
4	HVDC	ALIPURDUAR-AGRA	-	0	92	0.0	1.0	-1.0	
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1	
6	400 KV	PUSAULI-VARANASI	S/C	0	251	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	109	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	532	0.0	6.9	-6.9	
9		PATNA-BALIA	Q/C	0	920	0.0	18.6	-18.6	
10		BIHARSHARIFF-BALIA	D/C	0	181	0.0	2.4	-2.4	
11		MOTHARI-GORAKHPUR	D/C	0	0	3.1	0.0	3.1	
12		BIHARSHARIFF-VARANASI	D/C	0	220	0.1	0.0	0.1	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	109	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	
ER-NR						3.4	46.8	-43.5	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.7	0.0	9.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	326	0.7	0.0	0.7	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	37	1.6	0.0	1.6	
21		JHARSUGUDA-RAIGARH	S/C	0	10	1.2	0.0	1.2	
22		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	39	1.8	0.0	1.8	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	60	0.0	0.1	-0.1	
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2	
ER-WR						18.5	0.1	18.4	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.2	-15.2	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	14.9	-14.9	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1898.5	0.0	41.3	-41.3	
30	400 KV	TALCHER-I/C	D/C	0.0	1152.6	0.0	15.9	-15.9	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	71.3	-71.3	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1298	0.0	6.6	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1057	0.0	7.0	-7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2	
ER-NER						0.0	15.5	-15.5	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.1	-16.1	
NER-NR						0.0	16.1	-16.1	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.9	-35.9	
37		V'CHAL B/B	D/C	250	100	5.9	0.0	5.9	
38		APL -MHG	D/C	0	1007	0.0	19.6	-19.6	
39	765 KV	GWALIOR-AGRA	D/C	0	2540	0.0	46.0	-46.0	
40		PHAGI-GWALIOR	D/C	0	1456	0.0	29.8	-29.8	
41	400 KV	ZERDA-KANKROLI	S/C	0	208	0.0	2.4	-2.4	
42		ZERDA -BHINMAL	S/C	117	136	0.0	0.5	-0.5	
43		V'CHAL -RIHAND	S/C	958	0	21.8	0.0	21.8	
44		RAPP-SHUJALPUR	D/C	19	150	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	88	0	1.3	0.0	1.3	
46		BADOD-MORAK	S/C	27	44	0.1	0.3	-0.1	
47		MEHGAON-AURAIYA	S/C	28	7	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	16	21	0.0	0.1	-0.1	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						29.8	135.8	-106.0	
Import/Export of WR (With SR)									
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	1644	0.0	27.2	-27.2	
53		WARDHA-NIZAMABAD	D/C	0	1832	0.0	29.7	-29.7	
54	400 KV	KOLHAPUR-KUDGI	D/C	360	166	3.7	0.6	3.0	
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	
WR-SR						5.2	69.5	-64.3	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						6.6	
59		NEPAL						-4.4	
60		BANGLADESH						-12.0	