



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: 9th Jan 2018

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. 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. 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 08.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-जनवरी - 2018 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 8th January 2018, 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-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	44371	45116	39406	17512	2387	148792
Peak Shortage (MW)	601	11	0	0	48	660
Energy Met (MU)	927	1042	902	339	42	3252
Hydro Gen(MU)	109	26	50	25	9	219
Wind Gen(MU)	4	32	33	-----	-----	68
Solar Gen (MU)*	0.55	16.20	41.14	0.66	0.02	59
Energy Shortage (MU)	15.0	0.0	0.4	0.0	0.4	15.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46242	50590	42689	17517	2393	153073

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	0.044	0.00	0.65	8.16	8.81	75.88	15.31

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	5768	0	105.4	19.2	-0.3	96	0.0
	Haryana	6671	0	123.3	60.4	2.1	386	1.4
	Rajasthan	10681	34	209.3	70.4	2.1	361	0.7
	Delhi	4181	0	68.6	53.4	-1.4	198	0.0
	UP	14278	0	305.3	109.9	1.7	643	0.9
	Uttarakhand	2094	0	38.3	27.9	0.4	216	0.0
	HP	1553	0	26.6	21.9	0.2	160	1.0
	J&K	2197	549	46.7	44.1	-1.7	72	11.0
WR	Chandigarh	235	0	3.7	4.0	-0.3	11	0.0
	Chhattisgarh	3421	0	73.3	11.6	-1.1	338	0.0
	Gujarat	14072	0	296.2	102.3	2.1	455	0.0
	MP	11938	0	225.2	132.4	-1.8	353	0.0
	Maharashtra	20094	0	405.2	127.7	1.1	271	0.0
	Goa	436	0	9.2	8.3	0.5	42	0.0
	DD	328	0	7.0	6.4	0.5	40	0.0
	DNH	755	0	17.3	16.6	0.7	55	0.0
SR	Essar steel	448	0	8.7	8.9	-0.2	185	0.0
	Andhra Pradesh	8140	0	162.2	51.3	1.0	412	0.1
	Telangana	9262	0	177.8	81.1	-3.4	570	0.1
	Karnataka	9776	0	202.6	89.4	4.7	416	0.1
	Kerala	3480	0	64.2	51.1	0.4	191	0.0
	Tamil Nadu	13779	0	288.9	154.3	4.2	560	0.1
ER	Pondy	307	0	6.0	6.8	-0.7	33	0.0
	Bihar	4102	0	71.5	69.9	-2.5	200	0.0
	DVC	2831	0	69.2	-28.3	-1.1	190	0.0
	Jharkhand	1085	0	24.8	13.4	1.2	45	0.0
	Odisha	3706	0	68.5	25.7	1.5	250	0.0
	West Bengal	6399	0	103.3	11.7	0.4	225	0.0
NER	Sikkim	106	0	1.6	2.0	-0.4	10	0.0
	Arunachal Pradesh	127	1	2.3	2.1	0.2	56	0.0
	Assam	1401	21	22.8	19.4	0.6	172	0.3
	Manipur	185	2	2.8	2.8	0.0	23	0.0
	Meghalaya	320	0	6.7	4.0	-0.1	45	0.0
	Mizoram	88	1	1.8	1.0	0.1	26	0.0
NER	Nagaland	125	1	2.0	1.9	-0.1	21	0.0
	Tripura	224	0	3.5	1.7	0.1	29	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.8	-10.5	-11.5
Day peak (MW)	132.7	-297.0	-622.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	181.9	-220.8	104.0	-66.6	1.5	0.0
Actual(MU)	177.7	-227.7	96.5	-61.3	1.9	-13.0
O/D/U/D(MU)	-4.2	-6.9	-7.5	5.2	0.4	-13.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4314	12259	6032	1220	290	24115
State Sector	8910	17235	5660	4155	50	36010
Total	13224	29494	11692	5375	339	60125

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	584	1167	549	393	10	2703
Hydro	109	24	50	25	9	217
Nuclear	29	24	71	0	0	124
Gas, Naptha & Diesel	31	42	19	0	24	116
RES (Wind, Solar, Biomass & Others)	29	48	121	2	0	200
Total	782	1304	810	420	43	3359

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	9-Jan-18
Sl 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)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	339	0.0	8.5	-8.5	
2		SASARAM-FATEHPUR	S/C	0	159	0.4	0.0	0.4	
3		GAYA-BALIA	S/C	0	407	0.0	7.1	-7.1	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	245	0.0	1.7	-1.7	
6	400 KV	PUSAULI-VARANASI	S/C	0	216	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	80	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	6.4	-6.4	
9		PATNA-BALIA	Q/C	0	1080	0.0	20.3	-20.3	
10		BIHARSHARIFF-BALIA	D/C	0	277	0.0	3.4	-3.4	
11		MOTIHARI-GORAKHPUR	D/C	0	0	5.4	0.0	5.4	
12	BIHARSHARIFF-VARANASI	D/C	0	340	0.0	0.2	-0.2		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5	
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
17		KARMANASA-CHANDALI	S/C	0	0	0.0	0.0	0.0	
						ER-NR	6.2	47.6	-41.4
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	105	5.4	0.0	5.4	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	99	4.6	0.0	4.6	
20	400 KV	JHARSUGUDA-RAIGARH	Q/C	0	219	1.0	0.0	1.0	
21		RANCHI-SIPAT	D/C	0	0	4.1	0.0	4.1	
22	220 KV	BUDHIPADAR-RAIGARH	S/C	0	108	0.0	1.1	-1.1	
23		BUDHIPADAR-KORBA	D/C	0	0	2.0	0.0	2.0	
						ER-WR	17.2	1.1	16.1
Import/Export of ER (With SR)									
24	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	19.4	-19.4	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.7	0.0	16.1	-16.1	
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1869.1	0.0	23.3	-23.3	
27	400 KV	TALCHER-I/C	D/C	0.0	1225.0	0.0	17.0	-17.0	
28	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	58.8	-58.8
Import/Export of ER (With NER)									
29	400 KV	BINAGURI-BONGAIGAON	D/C	0	1229	0.0	7.2	-7	
30		ALIPURDUAR-BONGAIGAON	D/C	0	983	0.0	7.0	-7	
31	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.5	-2	
						ER-NER	0.0	16.7	-16.7
Import/Export of NER (With NR)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	601	0.0	14.6	-14.6	
						NER-NR	0.0	14.6	-14.6
Import/Export of WR (With NR)									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1351	0.0	47.5	-47.5	
34		V'CHAL B/B	D/C	250	200	2.7	1.2	1.5	
35		APL -MHG	D/C	0	1513	0.0	27.0	-27.0	
36	765 KV	GWALIOR-AGRA	D/C	0	2820	0.0	54.0	-54.0	
37		PHAGI-GWALIOR	D/C	484	0	0.0	26.0	-26.0	
38	400 KV	ZERDA-KANKROLI	S/C	211	0	2.6	0.0	2.6	
39		ZERDA -BHINMAL	S/C	131	152	0.1	0.0	0.1	
40		V'CHAL -RIHAND	S/C	484	0	22.1	0.0	22.1	
41		RAPP-SHUALPUR	D/C	0	1448	0	2	-2	
42	220 KV	BADOD-KOTA	S/C	95	0	1.0	0.0	1.0	
43		BADOD-MORAK	S/C	45	42	0.1	0.4	-0.2	
44		MEHGAON-AURAIYA	S/C	74	0	1.3	0.0	1.3	
45	132KV	MALANPUR-AURAIYA	S/C	30	0	0.4	0.0	0.4	
46		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	30.2	158.6	-128.4
Import/Export of WR (With SR)									
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.3	-22.3	
48	LINK	BARSUR-L-SILERU	-	0	0	0.0	0.0	0.0	
49	765 KV	SOLAPUR-RAICHUR	D/C	0	1893	0.0	22.6	-22.6	
50		WARDHA-NIZAMABAD	D/C	0	2517	0.0	40.4	-40.4	
51	400 KV	KOLHAPUR-KUDGI	D/C	387	132	2.5	0.4	2.1	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	73	0	1.5	0.0	1.5	
						WR-SR	4.0	85.6	-81.7
TRANSNATIONAL EXCHANGE									
55		BHUTAN						1.8	
56		NEPAL						-10.5	
57		BANGLADESH						-11.5	