



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: 15th 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 14.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 14-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 14th 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

15-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41074	39603	34625	17456	2233	134991
Peak Shortage (MW)	538	31	0	0	34	604
Energy Met (MU)	890	989	843	358	41	3122
Hydro Gen(MU)	101	32	47	26	8	214
Wind Gen(MU)	2	18	36	-----	-----	56
Solar Gen (MU)*	2.90	14.13	43.27	0.62	0.01	61
Energy Shortage (MU)	10.7	0.0	0.1	0.0	0.4	11.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	45694	47047	39835	18036	2211	148907

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	0.034	0.00	0.00	5.02	5.02	78.34	16.63

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	5162	0	94.0	16.1	0.5	227	0.0
	Haryana	6527	0	116.2	69.6	1.5	291	0.0
	Rajasthan	11147	0	206.2	75.8	2.7	419	0.0
	Delhi	3932	0	61.7	46.9	-0.9	354	0.0
	UP	14369	0	301.5	103.2	0.2	567	0.0
	Uttarakhand	2050	0	36.9	27.2	0.0	294	0.0
	HP	1467	0	25.5	21.6	0.0	125	0.0
	J&K	2153	538	45.2	44.3	-3.1	118	10.6
WR	Chandigarh	205	0	3.2	3.7	-0.4	9	0.0
	Chhattisgarh	3241	0	72.2	3.6	-1.5	82	0.0
	Gujarat	11414	0	244.4	73.9	-1.5	394	0.0
	MP	11936	0	220.5	131.1	-4.7	286	0.0
	Maharashtra	20555	0	410.9	128.3	3.0	478	0.0
	Goa	412	0	8.3	7.8	0.2	42	0.0
	DD	296	0	6.3	5.8	0.5	42	0.0
	DNH	721	0	16.7	15.9	0.8	14	0.0
SR	Essar steel	496	0	10.1	9.8	0.2	180	0.0
	Andhra Pradesh	8339	0	166.9	48.5	5.3	608	0.0
	Telangana	8936	0	171.7	73.4	-3.3	289	0.0
	Karnataka	9495	0	196.9	90.4	1.9	407	0.0
	Kerala	3160	0	61.8	49.7	0.6	185	0.0
	Tamil Nadu	11265	0	239.9	121.6	3.3	471	0.0
ER	Pondy	326	0	5.7	6.5	-0.8	30	0.0
	Bihar	3890	0	80.9	74.6	2.5	200	0.0
	DVC	2947	0	69.7	-43.3	-1.1	150	0.0
	Jharkhand	1185	0	24.3	13.4	0.5	100	0.0
	Odisha	4334	0	77.3	34.6	4.2	500	0.0
	West Bengal	6061	0	104.5	8.7	1.9	380	0.0
NER	Sikkim	93	0	1.0	1.7	-0.7	10	0.0
	Arunachal Pradesh	114	0	2.3	1.9	0.4	39	0.0
	Assam	1306	16	22.2	18.4	0.8	135	0.3
	Manipur	192	0	2.6	3.0	-0.4	25	0.0
	Meghalaya	298	0	6.4	4.0	-0.2	45	0.0
	Mizoram	88	2	1.8	1.1	0.1	22	0.0
NER	Nagaland	132	0	2.1	2.0	0.0	38	0.0
	Tripura	209	0	3.9	1.8	0.4	55	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-10.6	-11.7
Day peak (MW)	137.8	-503.5	-623.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	178.2	-221.7	108.0	-68.4	3.2	-0.7
Actual(MU)	167.4	-227.1	103.2	-54.4	3.3	-7.5
O/D/U/D(MU)	-10.8	-5.4	-4.8	14.0	0.1	-6.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3890	14121	7022	2245	257	27535
State Sector	9260	16232	6960	5275	50	37777
Total	13150	30353	13982	7520	306	65312

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	558	1118	488	408	8	2580
Hydro	101	30	47	26	8	212
Nuclear	29	24	69	0	0	122
Gas, Naptha & Diesel	29	38	18	0	25	110
RES (Wind, Solar, Biomass & Others)	30	32	121	2	0	184
Total	747	1242	742	437	41	3209

*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 : 15-Jan-18
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)
Import/Export of ER (With NR)								
1	765kV	GAYA-VARANASI	D/C	0	295	0.0	8.0	-8.0
2		SASARAM-FATEHPUR	S/C	0	21	2.4	0.0	2.4
3		GAYA-BALIA	S/C	0	391	0.0	6.6	-6.6
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 kV	PUSAULI-VARANASI	S/C	0	229	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	95	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	1.1	-1.1
9		PATNA-BALIA	Q/C	0	728	0.0	13.5	-13.5
10		BIHARSHARIFF-BALIA	D/C	0	230	0.0	2.4	-2.4
11		MOTIHARI-GORAKHPUR	D/C	0	0	0.0	6.3	-6.3
12		BIHARSHARIFF-VARANASI	D/C	0	371	1.6	0.0	1.6
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-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						4.5	43.7	-39.3
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	0.0	0.0	0.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	153	3.7	0.0	3.7
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	14.9	0.0	14.9
21		RANCHI-SIPAT	D/C	0	0	4.5	0.0	4.5
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	185	0.0	1.5	-1.5
23		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2
ER-WR						25.3	1.5	23.8
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.9	-18.9
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	383.9	0.0	13.9	-13.9
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1880.1	0.0	35.9	-35.9
27	400 kV	TALCHER-I/C	D/C	0.0	1049.0	0.0	15.1	-15.1
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	68.7	-68.7
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1053	0.0	7.7	-8
30		ALIPURDUAR-BONGAIGAON	D/C	0	852	0.0	4.2	-4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.9	-3
ER-NER						0.0	14.7	-14.7
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	601	0.0	14.4	-14.4
NER-NR						0.0	14.4	-14.4
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1409	0.0	49.5	-49.5
34		V'CHAL B/B	D/C	250	0	5.7	0.0	5.7
35		APL -MHG	D/C	0	1412	0.0	28.4	-28.4
36	765 kV	GWALIOR-AGRA	D/C	0	2456	0.0	49.2	-49.2
37		PHAGI-GWALIOR	D/C	484	0	0.0	27.2	-27.2
38	400 kV	ZERDA-KANKROLI	S/C	175	88	1.3	0.0	1.3
39		ZERDA -BHINMAL	S/C	110	263	0.0	1.3	-1.3
40		V'CHAL -RIHAND	S/C	486	0	21.8	0.0	21.8
41		RAPP-SHUJALPUR	D/C	0	1643	0	2	-2
42	220 kV	BADOD-KOTA	S/C	77	0	1.1	0.0	1.1
43		BADOD-MORAK	S/C	28	39	0.2	0.2	0.0
44		MEHGAON-AURAIYA	S/C	101	0	1.7	0.0	1.7
45		MALANPUR-AURAIYA	S/C	54	0	0.7	0.0	0.7
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						32.5	158.1	-125.7
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.2	-21.2
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1438	0.0	21.8	-21.8
50		WARDHA-NIZAMABAD	D/C	0	2293	0.0	38.0	-38.0
51	400 kV	KOLHAPUR-KUDGI	D/C	219	93	1.6	0.2	1.4
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						3.1	81.1	-78.0
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.7
56		NEPAL						-10.6
57		BANGLADESH						-11.7