



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: 13th 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 12.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-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 12th 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

13-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	45110	46585	40476	18266	2409	152846
Peak Shortage (MW)	555	67	0	0	62	684
Energy Met (MU)	948	1070	934	360	43	3356
Hydro Gen(MU)	107	31	69	33	8	249
Wind Gen(MU)	2	27	28	-----	-----	57
Solar Gen (MU)*	2.82	13.82	37.58	0.60	0.02	55
Energy Shortage (MU)	20.3	0.0	1.5	0.0	0.5	22.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47310	51720	43560	18710	2480	156799

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	0.050	0.00	0.65	13.25	13.90	81.44	4.66

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	5486	0	105.9	24.5	-0.8	79	0.0
	Haryana	6700	0	125.3	64.2	0.9	199	0.2
	Rajasthan	11092	613	219.7	72.7	3.5	406	2.8
	Delhi	4205	0	69.3	51.9	-0.7	273	0.0
	UP	14246	340	309.2	105.6	1.4	598	6.4
	Uttarakhand	2087	0	39.8	29.8	-0.1	207	0.0
	HP	1569	0	28.3	22.6	1.3	163	0.0
	J&K	2221	555	46.4	44.2	-1.6	27	10.9
WR	Chandigarh	233	0	3.7	4.0	-0.2	10	0.0
	Chhattisgarh	3406	0	74.4	6.2	-1.5	100	0.0
	Gujarat	14612	0	307.9	92.4	3.7	653	0.0
	MP	12167	0	227.7	134.1	1.0	401	0.0
	Maharashtra	20170	0	415.7	129.7	2.0	414	0.0
	Goa	411	0	8.4	8.6	-0.8	63	0.0
	DD	335	0	7.4	6.6	0.8	77	0.0
	DNH	749	0	17.7	16.7	1.0	95	0.0
SR	Essar steel	497	0	10.8	10.0	0.8	385	0.0
	Andhra Pradesh	8411	0	172.6	52.6	0.7	385	0.3
	Telangana	9333	0	180.6	77.6	-3.2	327	0.3
	Karnataka	10347	0	213.5	87.4	0.8	413	0.3
	Kerala	3507	0	68.9	53.1	0.8	211	0.1
	Tamil Nadu	13794	0	292.4	152.1	5.0	603	0.5
ER	Pondy	332	0	6.5	7.9	-1.4	50	0.0
	Bihar	3992	0	73.4	70.1	-1.8	30	0.0
	DVC	2957	0	70.7	-33.1	-0.5	200	0.0
	Jharkhand	995	0	22.8	14.2	1.3	120	0.0
	Odisha	4358	0	77.8	31.8	2.7	445	0.0
	West Bengal	6656	0	113.9	23.4	0.3	150	0.0
NER	Sikkim	112	0	1.8	2.0	-0.2	7	0.0
	Arunachal Pradesh	119	4	2.3	1.9	0.4	56	0.1
	Assam	1441	23	24.0	19.6	1.7	172	0.3
	Manipur	192	4	2.7	2.9	-0.2	23	0.0
	Meghalaya	315	0	6.4	3.8	-0.2	45	0.0
	Mizoram	90	3	1.8	1.1	0.0	26	0.0
NER	Nagaland	127	6	2.2	1.8	0.2	21	0.0
	Tripura	224	3	3.7	1.7	0.1	29	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.6	-8.8	-8.3
Day peak (MW)	152.2	-444.3	-598.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	183.4	-232.2	106.8	-59.4	3.5	2.2
Actual(MU)	174.9	-232.5	100.1	-51.0	4.3	-4.2
O/D/U/D(MU)	-8.5	-0.4	-6.7	8.4	0.8	-6.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3884	13898	6442	2220	205	26649
State Sector	8855	16285	5690	5775	50	36655
Total	12739	30183	12132	7995	254	63304

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	602	1200	579	400	9	2789
Hydro	107	30	69	33	8	247
Nuclear	29	24	64	0	0	117
Gas, Naptha & Diesel	33	41	18	0	24	116
RES (Wind, Solar, Biomass & Others)	30	41	111	2	0	184
Total	800	1335	840	435	42	3453

*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 : 13-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	206	0.0	3.7	-3.7
2		SASARAM-FATEHPUR	S/C	0	0	3.5	0.0	3.5
3		GAYA-BALIA	S/C	0	317	0.0	5.3	-5.3
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	3.2	-3.2
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	400 kV	PUSAULI-VARANASI	S/C	0	226	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	82	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	1.2	-1.2
9		PATNA-BALIA	Q/C	0	554	0.0	10.0	-10.0
10		BIHARSHARIFF-BALIA	D/C	0	135	0.0	1.3	-1.3
11		MOTIHARI-GORAKHPUR	D/C	0	0	0.0	5.2	-5.2
12		BIHARSHARIFF-VARANASI	D/C	0	439	2.6	0.0	2.6
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	0.6	0.0	0.6
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						6.7	36.0	-29.3
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	115	7.1	0.0	7.1
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	16.1	0.0	16.1
21		RANCHI-SIPAT	D/C	0	0	5.8	0.0	5.8
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	218	0.0	2.0	-2.0
23		BUDHIPADAR-KORBA	D/C	0	13	1.7	0.0	1.7
ER-WR						30.7	2.0	28.7
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.9	-17.9
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	383.9	0.0	13.2	-13.2
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2251.8	0.0	44.9	-44.9
27	400 kV	TALCHER-I/C	D/C	0.0	1238.7	0.0	19.0	-19.0
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	75.9	-75.9
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1252	0.0	8.4	-8
30		ALIPURDUAR-BONGAIGAON	D/C	0	1004	0.0	6.5	-7
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	3.6	-4
ER-NER						0.0	18.5	-18.5
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	600	0.0	12.5	-12.5
NER-NR						0.0	12.5	-12.5
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1394	0.0	55.6	-55.6
34		V'CHAL B/B	D/C	50	250	0.2	3.8	-3.5
35		APL -MHG	D/C	0	1412	0.0	30.9	-30.9
36	765 kV	GWALIOR-AGRA	D/C	0	2530	0.0	51.6	-51.6
37		PHAGI-GWALIOR	D/C	480	0	0.0	21.5	-21.5
38	400 kV	ZERDA-KANKROLI	S/C	168	33	2.2	0.0	2.2
39		ZERDA -BHINMAL	S/C	71	203	0.0	0.9	-0.9
40		V'CHAL -RIHAND	S/C	484	0	22.3	0.0	22.3
41		RAPP-SHUJALPUR	D/C	0	1400	0	2	-2
42	220 kV	BADOD-KOTA	S/C	100	0	1.5	0.0	1.5
43		BADOD-MORAK	S/C	35	37	0.4	0.1	0.3
44		MEHGAON-AURAIYA	S/C	104	0	1.8	0.0	1.8
45		MALANPUR-AURAIYA	S/C	52	0	0.8	0.0	0.8
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						29.2	166.4	-137.2
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	200	1222	0.0	16.8	-16.8
50		WARDHA-NIZAMABAD	D/C	0	2389	0.0	39.1	-39.1
51	400 kV	KOLHAPUR-KUDGI	D/C	576	0	5.6	0.0	5.6
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						7.2	77.1	-69.9
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.6
56		NEPAL						-8.8
57		BANGLADESH						-8.3