



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: 12th 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 11.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11-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 11th 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

12-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	44450	46697	40357	18783	2423	152710
Peak Shortage (MW)	526	23	0	646	26	1221
Energy Met (MU)	945	1061	911	359	41	3317
Hydro Gen(MU)	108	31	62	32	9	241
Wind Gen(MU)	3	39	28	-----	-----	69
Solar Gen (MU)*	2.54	15.13	39.79	0.54	0.01	58
Energy Shortage (MU)	16.1	0.0	1.3	1.9	0.3	19.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46663	51410	43054	18715	2436	155657

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	0.053	0.00	0.67	15.93	16.60	74.16	9.25

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	5506	0	105.6	23.3	0.0	145	0.0
	Haryana	6521	0	127.1	64.5	0.5	164	0.0
	Rajasthan	10912	156	217.5	72.8	3.4	445	1.4
	Delhi	4117	0	68.5	51.0	-0.8	188	0.0
	UP	13872	220	307.9	104.9	2.0	758	3.6
	Uttarakhand	2128	0	39.8	29.5	0.3	231	0.2
	HP	1384	0	28.1	22.7	1.0	148	0.0
	J&K	2138	534	46.7	44.0	-1.3	53	11.0
WR	Chandigarh	232	0	3.8	3.9	-0.2	16	0.0
	Chhattisgarh	3419	0	73.0	4.8	-0.9	49	0.0
	Gujarat	14503	0	303.6	93.4	1.1	353	0.0
	MP	12089	0	225.4	134.2	-2.8	383	0.0
	Maharashtra	20495	0	416.0	132.6	2.6	345	0.0
	Goa	411	0	8.4	8.4	-0.6	57	0.0
	DD	325	0	7.3	6.7	0.6	75	0.0
	DNH	768	0	17.8	16.7	1.1	109	0.0
SR	Essar steel	480	0	9.4	9.1	0.3	694	0.0
	Andhra Pradesh	8428	0	167.3	53.7	2.8	694	0.2
	Telangana	9279	0	180.1	74.2	-0.7	384	0.2
	Karnataka	10161	0	211.5	87.2	-1.1	344	0.3
	Kerala	3553	0	68.0	52.3	0.9	284	0.1
	Tamil Nadu	13801	0	277.7	148.4	2.5	444	0.4
ER	Pondy	334	0	6.7	7.4	-0.7	29	0.0
	Bihar	3864	100	74.6	66.8	2.9	445	0.8
	DVC	3066	150	69.7	-30.0	-1.7	385	0.5
	Jharkhand	1000	125	22.8	14.6	1.4	165	0.7
	Odisha	4353	0	77.6	25.5	4.8	498	0.0
	West Bengal	6827	0	112.5	16.4	1.3	456	0.0
NER	Sikkim	125	0	1.7	1.5	0.2	20	0.0
	Arunachal Pradesh	124	1	2.3	1.9	0.5	56	0.0
	Assam	1436	14	22.7	18.3	1.7	172	0.2
	Manipur	199	0	2.8	2.8	0.0	23	0.0
	Meghalaya	296	0	6.0	3.7	0.2	45	0.0
	Mizoram	94	1	1.8	1.0	0.2	26	0.0
NER	Nagaland	126	2	2.2	1.8	0.2	21	0.0
	Tripura	222	0	3.5	1.7	0.5	29	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.4	-10.7	-11.7
Day peak (MW)	214.3	-494.2	-625.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	192.3	-226.3	101.3	-66.5	1.6	2.3
Actual(MU)	183.8	-233.7	94.6	-54.2	3.9	-5.6
O/D/U/D(MU)	-8.5	-7.3	-6.7	12.3	2.3	-7.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4384	12504	6192	2220	180	25479
State Sector	7695	16505	6490	5775	50	36515
Total	12079	29009	12682	7995	229	61994

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	587	1180	572	402	8	2749
Hydro	108	29	62	32	9	239
Nuclear	29	24	64	0	0	117
Gas, Naptha & Diesel	33	41	18	0	24	117
RES (Wind, Solar, Biomass & Others)	30	54	113	2	0	199
Total	787	1328	829	436	41	3420

*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 : 12-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	277	0.0	6.1	-6.1
2		SASARAM-FATEHPUR	S/C	0	10	2.6	0.0	2.6
3		GAYA-BALIA	S/C	0	374	0.0	6.2	-6.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.6	-0.6
5		PUSAULI B/B	S/C	0	247	0.0	5.7	-5.7
6	400 kV	PUSAULI-VARANASI	S/C	0	222	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	94	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	2.3	-2.3
9		PATNA-BALIA	Q/C	0	739	0.0	12.9	-12.9
10		BIHARSHARIFF-BALIA	D/C	0	238	0.0	2.7	-2.7
11		MOTIHARI-GORAKHPUR	D/C	0	0	0.0	5.5	-5.5
12		BIHARSHARIFF-VARANASI	D/C	0	367	1.5	0.0	1.5
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						4.6	42.0	-37.4
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.5	0.0	8.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	88	5.0	0.0	5.0
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	600	9.6	0.0	9.6
21		RANCHI-SIPAT	D/C	0	0	5.1	0.0	5.1
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	226	0.0	2.2	-2.2
23		BUDHIPADAR-KORBA	D/C	0	0	1.7	0.0	1.7
ER-WR						29.8	2.2	27.6
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.8	-17.8
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	319.8	0.0	12.3	-12.3
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2252.5	0.0	40.9	-40.9
27	400 kV	TALCHER-I/C	D/C	0.0	928.1	0.0	15.2	-15.2
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	71.1	-71.1
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1038	0.0	6.7	-7
30		ALIPURDUAR-BONGAIGAON	D/C	0	853	0.0	5.6	-6
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.5	-2
ER-NER						0.0	14.8	-14.8
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	10.8	-10.8
NER-NR						0.0	10.8	-10.8
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1332	0.0	57.2	-57.2
34		V'CHAL B/B	D/C	0	250	0.0	6.0	-6.0
35		APL -MHG	D/C	0	1512	0.0	25.6	-25.6
36	765 kV	GWALIOR-AGRA	D/C	0	3018	0.0	54.3	-54.3
37		PHAGI-GWALIOR	D/C	482	0	0.0	24.8	-24.8
38	400 kV	ZERDA-KANKROLI	S/C	213	149	1.3	0.0	1.3
39		ZERDA -BHINMAL	S/C	144	309	0.0	1.0	-1.0
40		V'CHAL -RIHAND	S/C	483	0	22.3	0.0	22.3
41		RAPP-SHUJALPUR	D/C	0	1493	0	2	-2
42	220 kV	BADOD-KOTA	S/C	99	0	1.3	0.0	1.3
43		BADOD-MORAK	S/C	39	56	0.3	0.3	0.0
44		MEHGAON-AURAIYA	S/C	86	0	1.6	0.0	1.6
45		MALANPUR-AURAIYA	S/C	41	0	0.7	0.0	0.7
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						27.5	171.1	-143.6
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	801	1209	0.0	13.7	-13.7
50		WARDHA-NIZAMABAD	D/C	0	2181	0.0	38.6	-38.6
51	400 kV	KOLHAPUR-KUDGI	D/C	763	17	5.9	0.0	5.8
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						7.4	76.1	-68.7
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.4
56		NEPAL						-10.7
57		BANGLADESH						-11.7