



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: 7th 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 06.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06-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 6th 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

7-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	45132	45049	40046	17229	2391	149848
Peak Shortage (MW)	1642	78	0	0	67	1787
Energy Met (MU)	923	1044	912	327	42	3248
Hydro Gen(MU)	110	32	56	30	9	236
Wind Gen(MU)	6	14	17	-----	-----	36
Solar Gen (MU)*	2.16	15.72	39.70	0.69	0.02	58
Energy Shortage (MU)	16.3	0.0	1.3	0.0	0.4	18.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46598	51297	42960	17240	2357	152139

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	0.064	0.00	1.35	18.04	19.40	71.35	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	5487	0	104.0	24.0	0.1	522	0.0
	Haryana	6845	0	123.4	72.9	1.1	348	0.1
	Rajasthan	10676	0	211.7	69.3	2.8	388	4.5
	Delhi	4107	3	66.7	53.4	-1.5	213	0.4
	UP	14262	710	301.5	108.8	1.5	745	0.5
	Uttarakhand	2029	0	38.4	28.8	-0.6	161	0.0
	HP	1527	0	28.0	22.9	0.9	171	0.0
	J&K	2196	549	46.2	43.4	-1.9	54	10.9
WR	Chandigarh	228	0	3.7	3.9	-0.2	15	0.0
	Chhattisgarh	3270	0	71.2	23.3	-0.5	160	0.0
	Gujarat	13994	0	297.0	91.9	2.4	431	0.0
	MP	12105	0	225.9	132.0	-1.6	485	0.0
	Maharashtra	20205	0	407.2	127.5	1.2	461	0.0
	Goa	456	0	9.0	8.4	0.2	35	0.0
	DD	325	0	7.2	6.6	0.6	82	0.0
	DNH	743	0	17.4	16.8	0.6	80	0.0
SR	Essar steel	437	0	8.7	9.6	-0.9	152	0.0
	Andhra Pradesh	8232	0	163.9	51.9	0.3	397	0.2
	Telangana	9399	0	179.6	90.2	-4.0	553	0.2
	Karnataka	9918	0	206.9	88.8	2.2	447	0.3
	Kerala	3314	0	65.4	52.4	0.0	188	0.1
	Tamil Nadu	13602	0	290.0	156.8	1.6	331	0.4
ER	Pondy	329	0	6.4	7.1	-0.7	12	0.0
	Bihar	3900	0	72.0	65.9	2.6	200	0.0
	DVC	2918	0	69.2	-29.1	-1.8	50	0.0
	Jharkhand	1017	0	23.5	13.1	1.4	90	0.0
	Odisha	3915	0	66.3	23.3	2.0	500	0.0
	West Bengal	5857	0	94.8	7.7	0.6	360	0.0
NER	Sikkim	97	0	1.5	1.5	0.0	10	0.0
	Arunachal Pradesh	107	23	2.2	1.7	0.5	56	0.1
	Assam	1429	27	22.4	18.5	1.1	172	0.2
	Manipur	172	7	2.8	2.8	-0.1	23	0.1
	Meghalaya	317	0	6.3	3.8	-0.2	45	0.0
	Mizoram	87	6	1.7	0.9	0.1	26	0.0
NER	Nagaland	118	3	2.3	1.7	0.4	21	0.0
	Tripura	213	2	4.0	1.7	0.6	29	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.3	-9.8	-2.0
Day peak (MW)	13.2	-479.5	-122.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	193.8	-222.3	96.5	-70.1	3.6	1.5
Actual(MU)	190.3	-228.7	83.4	-60.7	5.5	-10.1
O/D/U/D(MU)	-3.5	-6.4	-13.0	9.5	1.9	-11.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3814	12949	4842	2220	540	24365
State Sector	10695	18155	6160	4155	50	39215
Total	14509	31104	11002	6375	589	63580

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	569	1178	582	0	6	2335
Hydro	110	30	56	2	9	206
Nuclear	29	24	74	0	0	127
Gas, Naptha & Diesel	29	49	18	0	24	121
RES (Wind, Solar, Biomass & Others)	32	29	103	0	0	165
Total	769	1310	833	2	39	2954

*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 : 7-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	379	0.0	9.2	-9.2
2		SASARAM-FATEHPUR	S/C	0	170	0.1	0.0	0.1
3		GAYA-BALIA	S/C	0	403	0.0	7.2	-7.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	245	0.0	1.6	-1.6
6	400 KV	PUSAULI-VARANASI	S/C	0	201	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	7.6	-7.6
9		PATNA-BALIA	Q/C	0	1159	0.0	21.0	-21.0
10		BIHARSHARIFF-BALIA	D/C	0	297	0.0	4.4	-4.4
11		MOTHARI-GORAKHPUR	D/C	0	0	4.6	0.0	4.6
12		BIHARSHARIFF-VARANASI	D/C	0	374	0.0	0.6	-0.6
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	0.4	0.0	0.4
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						5.1	51.5	-46.4
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	524	0.4	0.0	0.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	397	0.3	0.0	0.3
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	364	0.0	0.7	-0.7
21		JHARSUGUDA-RAIGARH	S/C	0	102	2.2	0.0	2.2
22		IBEUL-RAIGARH	S/C	0	91	0.0	0.5	-0.5
23		STERLITE-RAIGARH	D/C	0	0	1.1	0.0	1.1
24		RANCHI-SIPAT	D/C	0	0	0.0	0.0	0.0
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	0	0.0	20.1	-20.1
26		BUDHIPADAR-KORBA	D/C	0	347	0.0	15.8	-15.8
ER-WR						4.0	37.1	-33.1
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	0.0	0.0
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	0.0	0.0	0.0	0.0
29		TALCHER-KOLAR BIPOLE	D/C	0.0	1253.0	0.0	9.5	-9.5
30	400 KV	TALCHER-I/C	D/C	51.5	46.4	0.0	0.0	0.0
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	1005.3	0.0	5.2	-5.2
ER-SR						0.0	14.7	-14.7
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	0.2	0
33		ALIPURDUAR-BONGAIGAON	D/C	0	0	0.0	0.2	0
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	1161	0.0	17.4	-17
ER-NER						0.0	17.7	-17.7
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	12.7	-12.7
NER-NR						0.0	12.7	-12.7
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1411	0.0	47.1	-47.1
37		V'CHAL B/B	D/C	50	250	1.4	0.3	1.1
38		APL -MHG	D/C	0	2015	0.0	48.9	-48.9
39	765 KV	GWALIOR-AGRA	D/C	0	2666	0.0	50.3	-50.3
40		PHAGI-GWALIOR	D/C	699	0	0.0	24.5	-24.5
41	400 KV	ZERDA-KANKROLI	S/C	253	0	3.4	0.0	3.4
42		ZERDA -BHINMAL	S/C	238	136	0.9	0.0	0.9
43		V'CHAL -RIHAND	S/C	959	0	22.2	0.0	22.2
44		RAPP-SHUJALPUR	D/C	0	1391	0	2	-2
45	220 KV	BADOD-KOTA	S/C	78	0	1.4	0.0	1.4
46		BADOD-MORAK	S/C	33	12	0.4	0.0	0.4
47		MEHGAON-AURAIYA	S/C	79	0	1.3	0.0	1.3
48		MALANPUR-AURAIYA	S/C	37	29	0.4	0.0	0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						31.4	173.4	-142.1
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52		SOLAPUR-RAICHUR	D/C	0	1469	0.0	24.0	-24.0
53	765 KV	WARDHA-NIZAMABAD	D/C	0	2567	0.0	39.8	-39.8
54	400 KV	KOLHAPUR-KUDGI	D/C	438	38	4.1	0.1	3.9
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56	220 KV	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						5.6	88.0	-82.4
TRANSNATIONAL EXCHANGE								
58		BHUTAN						5.3
59		NEPAL						-9.8
60		BANGLADESH						-2.0