



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: 8th 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 07.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07-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 7th 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

8-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41583	43018	37731	16512	2303	141147
Peak Shortage (MW)	700	32	0	0	33	765
Energy Met (MU)	893	1017	873	320	40	3143
Hydro Gen(MU)	109	22	47	24	8	211
Wind Gen(MU)	3	25	17	-----	-----	45
Solar Gen (MU)*	2.98	16.03	39.73	0.63	0.02	59
Energy Shortage (MU)	12.2	0.1	0.4	0.0	0.3	13.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43672	48928	40624	16718	2244	147105

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	0.038	0.00	0.00	7.64	7.64	77.50	14.86

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	5159	0	100.3	19.3	0.5	182	0.0
	Haryana	5868	132	108.8	66.9	2.6	251	0.5
	Rajasthan	10571	0	209.8	70.3	1.5	437	0.0
	Delhi	4017	0	64.6	50.3	-0.5	329	0.0
	UP	13910	0	299.0	108.5	-0.4	693	0.0
	Uttarakhand	1920	0	36.0	26.3	-0.4	166	0.0
	HP	1442	0	25.4	20.9	0.2	120	0.9
	J&K	2138	535	45.6	43.0	-2.1	10	10.7
WR	Chandigarh	206	0	3.3	3.8	-0.5	11	0.0
	Chhattisgarh	3342	0	71.9	23.0	-1.6	160	0.1
	Gujarat	13562	0	285.8	102.8	0.8	431	0.0
	MP	9963	0	224.1	133.0	-2.0	485	0.0
	Maharashtra	19656	0	394.5	124.6	-0.8	461	0.0
	Goa	384	0	8.4	7.4	0.5	35	0.0
	DD	286	0	5.8	5.6	0.2	82	0.0
	DNH	734	0	17.1	16.6	0.5	80	0.0
SR	Essar steel	444	0	9.3	9.4	-0.1	152	0.0
	Andhra Pradesh	8250	0	162.1	52.2	2.2	421	0.1
	Telangana	8918	0	176.9	84.5	-1.0	429	0.1
	Karnataka	9299	0	194.8	90.3	2.6	537	0.1
	Kerala	3119	0	59.7	49.4	0.1	187	0.0
	Tamil Nadu	12910	0	273.9	151.0	2.6	338	0.1
ER	Pondy	335	0	5.7	6.6	-0.9	14	0.0
	Bihar	3925	0	72.3	67.0	2.0	300	0.0
	DVC	2944	0	69.8	-30.2	-0.9	220	0.0
	Jharkhand	1100	0	22.9	12.0	0.9	100	0.0
	Odisha	3776	0	62.6	22.7	-2.0	400	0.0
	West Bengal	5455	0	90.9	3.2	0.7	230	0.0
NER	Sikkim	94	0	1.3	1.7	-0.4	5	0.0
	Arunachal Pradesh	104	7	2.3	1.9	0.4	56	0.0
	Assam	1345	56	22.0	18.2	1.0	172	0.2
	Manipur	175	4	2.8	2.9	-0.1	23	0.0
	Meghalaya	311	6	5.4	4.1	-0.3	45	0.0
	Mizoram	85	5	1.7	1.0	0.0	26	0.0
NER	Nagaland	117	4	2.1	1.8	0.1	21	0.0
	Tripura	214	1	3.9	1.9	0.7	29	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.4	-10.2	-11.2
Day peak (MW)	148.1	-518.8	-608.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	173.4	-213.3	105.9	-67.7	1.2	-0.5
Actual(MU)	159.3	-217.9	97.7	-55.4	2.3	-14.1
O/D/U/D(MU)	-14.1	-4.6	-8.3	12.3	1.1	-13.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3814	12919	4842	2220	290	24085
State Sector	9980	18315	6544	4155	50	39044
Total	13794	31234	11386	6375	339	63129

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	560	1147	537	379	8	2630
Hydro	109	20	47	24	8	209
Nuclear	29	24	74	0	0	127
Gas, Naptha & Diesel	24	49	19	0	24	117
RES (Wind, Solar, Biomass & Others)	30	41	103	2	0	177
Total	752	1282	780	405	41	3260

*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 :	8-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	320	0.0	7.8	-7.8	
2		SASARAM-FATEHPUR	S/C	0	55	1.8	0.0	1.8	
3		GAYA-BALIA	S/C	0	406	0.0	6.8	-6.8	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	245	0.0	5.8	-5.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	200	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	99	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	5.9	-5.9	
9		PATNA-BALIA	Q/C	0	962	0.0	17.7	-17.7	
10		BIHARSHARIFF-BALIA	D/C	0	234	0.0	2.7	-2.7	
11		MOTIHARI-GORAKHPUR	D/C	0	0	5.7	0.0	5.7	
12	BIHARSHARIFF-VARANASI	D/C	0	322	0.8	0.0	0.8		
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-CHANDALI	S/C	0	0	0.0	0.0	0.0	
						ER-NR	8.7	46.6	-37.9
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	410	0.9	0.0	0.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	285	2.6	0.0	2.6	
20	400 KV	JHARSUGUDA-RAIGARH	Q/C	0	264	0.0	0.9	-0.9	
21		RANCHI-SIPAT	D/C	0	24	2.4	0.0	2.4	
22	220 KV	BUDHIPADAR-RAIGARH	S/C	0	141	0.0	1.1	-1.1	
23		BUDHIPADAR-KORBA	D/C	0	0	1.5	0.0	1.5	
						ER-WR	7.4	2.0	5.4
Import/Export of ER (With SR)									
24	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	22.0	-22.0	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	488.9	0.0	16.1	-16.1	
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	767.1	0.0	2.3	-2.3	
27	400 KV	TALCHER-I/C	D/C	0.0	1162.0	0.0	17.5	-17.5	
28	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	40.4	-40.4
Import/Export of ER (With NER)									
29	400 KV	BINAGURI-BONGAIGAON	D/C	0	1179	0.0	7.5	-8	
30		ALIPURDUAR-BONGAIGAON	D/C	0	948	0.0	7.4	-7	
31	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.5	-2	
						ER-NER	0.0	17.4	-17.4
Import/Export of NER (With NR)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	15.0	-15.0	
						NER-NR	0.0	15.0	-15.0
Import/Export of WR (With NR)									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1151	0.0	42.8	-42.8	
34		V'CHAL B/B	D/C	100	100	2.2	0.2	2.0	
35		APL -MHG	D/C	0	1513	0.0	27.0	-27.0	
36	765 KV	GWALIOR-AGRA	D/C	0	2756	0.0	50.3	-50.3	
37		PHAGI-GWALIOR	D/C	480	0	0.0	26.2	-26.2	
38	400 KV	ZERDA-KANKROLI	S/C	231	23	2.4	0.0	2.4	
39		ZERDA -BHINMAL	S/C	124	118	0.0	0.3	-0.3	
40		V'CHAL -RIHAND	S/C	478	0	22.1	0.0	22.1	
41		RAPP-SHUJALPUR	D/C	0	1539	0	2	-2	
42	220 KV	BADOD-KOTA	S/C	87	0	1.1	0.0	1.1	
43		BADOD-MORAK	S/C	32	25	0.2	0.2	-0.1	
44		MEHGAON-AURAIYA	S/C	81	0	1.3	0.0	1.3	
45		MALANPUR-AURAIYA	S/C	45	0	0.5	0.0	0.5	
46	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	29.7	149.4	-119.7
Import/Export of WR (With SR)									
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.1	-23.1	
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
49	765 KV	SOLAPUR-RAICHUR	D/C	0	1611	0.0	29.1	-29.1	
50		WARDHA-NIZAMABAD	D/C	0	2191	0.0	43.8	-43.8	
51	400 KV	KOLHAPUR-KUDGI	D/C	488	144	4.1	0.1	3.9	
52		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
53	220 KV	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	5.6	96.1	-90.5
TRANSNATIONAL EXCHANGE									
55		BHUTAN						2.4	
56		NEPAL						-10.2	
57		BANGLADESH						-11.2	