



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: 11th 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 10.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10-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 10th 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

11-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	44562	45248	39799	18282	2411	150302
Peak Shortage (MW)	560	45	0	150	17	772
Energy Met (MU)	952	1059	906	353	43	3312
Hydro Gen(MU)	106	27	48	23	9	214
Wind Gen(MU)	7	46	40	-----	-----	94
Solar Gen (MU)*	2.61	14.86	36.60	0.68	0.02	55
Energy Shortage (MU)	12.5	0.0	0.4	0.5	0.2	13.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47460	49943	42317	18493	2396	154860

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	0.24	5.81	6.05	80.53	13.41

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	5720	0	108.7	24.3	0.3	179	0.0
	Haryana	6433	0	129.9	64.0	1.2	209	0.0
	Rajasthan	11025	0	216.9	72.2	4.7	501	0.3
	Delhi	4214	0	69.3	51.9	-0.7	206	0.0
	UP	14483	0	309.9	108.9	1.4	676	1.3
	Uttarakhand	2149	0	39.9	29.3	0.8	215	0.0
	HP	1376	0	27.9	22.6	1.0	196	0.1
	J&K	2240	560	45.5	43.0	-1.7	64	10.7
WR	Chandigarh	239	0	3.8	3.9	-0.1	21	0.0
	Chhattisgarh	3366	0	73.6	5.5	-1.7	49	0.0
	Gujarat	14189	0	302.2	92.0	3.0	353	0.0
	MP	9878	0	227.0	136.6	-1.4	383	0.0
	Maharashtra	20035	0	413.4	130.0	-0.2	345	0.0
	Goa	436	0	9.2	8.4	0.4	57	0.0
	DD	331	0	7.3	6.7	0.6	75	0.0
	DNH	748	0	17.4	16.2	1.3	109	0.0
SR	Essar steel	451	0	8.8	8.8	0.0	488	0.0
	Andhra Pradesh	8267	0	165.6	47.8	2.9	488	0.1
	Telangana	9291	0	180.7	76.5	-1.3	348	0.1
	Karnataka	9831	0	206.6	89.9	0.1	426	0.1
	Kerala	3448	0	66.2	53.0	0.7	196	0.0
	Tamil Nadu	13347	0	279.8	146.8	1.2	596	0.1
ER	Pondy	330	0	6.5	7.2	-0.7	24	0.0
	Bihar	4221	0	74.7	67.7	1.4	395	0.0
	DVC	2983	0	69.0	-28.0	-0.3	345	0.0
	Jharkhand	1035	150	24.6	16.0	1.0	185	0.5
	Odisha	3984	0	70.2	23.1	2.8	435	0.0
	West Bengal	6465	0	113.2	18.2	1.7	456	0.0
NER	Sikkim	113	0	1.8	1.7	0.1	20	0.0
	Arunachal Pradesh	128	1	2.2	2.0	0.2	56	0.0
	Assam	1421	14	23.8	19.5	1.8	172	0.1
	Manipur	190	1	2.7	2.9	-0.2	23	0.0
	Meghalaya	320	0	6.5	3.9	-0.2	45	0.0
	Mizoram	94	2	1.9	1.1	0.1	26	0.0
NER	Nagaland	128	1	2.0	1.9	-0.1	21	0.0
	Tripura	228	2	3.5	1.7	0.1	29	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.6	-8.3	-11.6
Day peak (MW)	136.1	-393.4	-618.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	192.0	-230.2	108.1	-71.7	1.7	-0.1
Actual(MU)	192.6	-237.1	101.4	-60.1	2.5	-0.8
O/D/U/D(MU)	0.5	-6.9	-6.7	11.6	0.8	-0.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4384	12319	5782	1420	155	24060
State Sector	9105	16795	6034	5425	50	37409
Total	13489	29114	11816	6845	204	61469

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	584	1175	563	410	10	2742
Hydro	106	25	48	23	9	212
Nuclear	29	24	64	0	0	117
Gas, Naptha & Diesel	33	41	18	0	24	117
RES (Wind, Solar, Biomass & Others)	35	61	123	2	0	220
Total	787	1327	816	435	43	3408

*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 :	11-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	313	0.0	7.2	-7.2	
2		SASARAM-FATEHPUR	S/C	0	92	1.7	0.0	1.7	
3		GAYA-BALIA	S/C	0	375	0.0	6.7	-6.7	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	245	0.0	5.7	-5.7	
6	400 kV	PUSAULI-VARANASI	S/C	0	215	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	104	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	4.3	-4.3	
9		PATNA-BALIA	Q/C	0	915	0.0	14.6	-14.6	
10		BIHARSHARIFF-BALIA	D/C	0	295	0.0	3.3	-3.3	
11		MOTIHARI-GORAKHPUR	D/C	0	0	0.0	3.7	-3.7	
12		BIHARSHARIFF-VARANASI	D/C	0	361	0.5	0.0	0.5	
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	0.6	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	2.8	45.5	-42.7
Import/Export of ER (With WR)									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.2	0.0	9.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	66	6.0	0.0	6.0	
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	8	3.4	0.0	3.4	
21		RANCHI-SIPAT	D/C	0	0	4.8	0.0	4.8	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	163	0.0	0.9	-0.9	
23		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2	
						ER-WR	25.7	0.9	24.8
Import/Export of ER (With SR)									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.1	-18.1	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	318.4	0.0	14.7	-14.7	
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1890.8	0.0	35.5	-35.5	
27	400 kV	TALCHER-I/C	D/C	0.0	1093.8	0.0	16.4	-16.4	
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	68.4	-68.4
Import/Export of ER (With NER)									
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1061	0.0	6.7	-7	
30		ALIPURDUAR-BONGAIGAON	D/C	0	854	0.0	6.4	-6	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.9	-3	
						ER-NER	0.0	16.0	-16.0
Import/Export of NER (With NR)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	12.1	-12.1	
						NER-NR	0.0	12.1	-12.1
Import/Export of WR (With NR)									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1440	0.0	52.9	-52.9	
34		V'CHAL B/B	D/C	200	250	1.1	2.8	-1.7	
35		APL -MHG	D/C	0	1513	0.0	29.9	-29.9	
36	765 kV	GWALIOR-AGRA	D/C	0	2822	0.0	55.5	-55.5	
37		PHAGI-GWALIOR	D/C	481	0	0.0	27.1	-27.1	
38	400 kV	ZERDA-KANKROLI	S/C	210	93	1.7	0.0	1.7	
39		ZERDA -BHINMAL	S/C	147	267	0.0	0.8	-0.8	
40		V'CHAL -RIHAND	S/C	484	0	22.0	0.0	22.0	
41		RAPP-SHUJALPUR	D/C	0	1660	0	2	-2	
42		BADOD-KOTA	S/C	89	0	1.1	0.0	1.1	
43		BADOD-MORAK	S/C	29	46	0.2	0.2	0.0	
44	220 kV	MEHGAON-AURAIYA	S/C	70	0	1.2	0.0	1.2	
45		MALANPUR-AURAIYA	S/C	28	0	0.3	0.0	0.3	
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	27.7	171.6	-143.9
Import/Export of WR (With SR)									
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.6	-20.6	
48	LINK	BARSUR-L-SILERU	-	0	0	0.0	0.0	0.0	
49	765 kV	SOLAPUR-RAICHUR	D/C	376	1172	0.0	18.1	-18.1	
50		WARDHA-NIZAMABAD	D/C	0	2207	0.0	37.7	-37.7	
51	400 kV	KOLHAPUR-KUDGI	D/C	387	0	5.9	0.0	5.9	
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	76.3	-68.9
TRANSNATIONAL EXCHANGE									
55		BHUTAN						1.6	
56		NEPAL						-8.3	
57		BANGLADESH						-11.6	