



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: 10th 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 09.01.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09-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 9th 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

10-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	44544	45712	39621	18414	2416	150708
Peak Shortage (MW)	550	28	0	0	46	623
Energy Met (MU)	945	1053	913	350	42	3304
Hydro Gen(MU)	107	23	48	26	9	213
Wind Gen(MU)	8	56	41	-----	-----	105
Solar Gen (MU)*	2.56	14.62	37.09	0.72	0.02	55
Energy Shortage (MU)	12.5	0.0	0.3	0.0	0.4	13.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46725	50387	42902	18533	2409	155102

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	0.037	0.00	0.20	5.95	6.15	81.02	12.84

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	5718	0	108.2	16.8	0.1	128	0.0
	Haryana	6753	0	128.5	63.3	1.3	220	0.1
	Rajasthan	10863	0	211.5	69.7	1.9	327	0.0
	Delhi	4124	0	68.9	51.4	-0.9	201	0.0
	UP	13848	190	310.5	112.9	2.0	711	1.1
	Uttarakhand	2137	0	39.2	28.6	0.8	210	0.1
	HP	1541	0	27.6	22.5	0.7	171	0.0
	J&K	2198	550	47.1	43.3	-0.4	95	11.1
WR	Chandigarh	235	0	3.8	3.9	-0.1	15	0.0
	Chhattisgarh	3344	0	73.4	7.9	-0.7	286	0.0
	Gujarat	14174	10	299.4	95.5	0.0	525	0.0
	MP	12105	0	227.1	130.5	-2.5	345	0.0
	Maharashtra	20014	0	409.3	130.7	2.3	422	0.0
	Goa	436	0	9.2	8.5	0.2	48	0.0
	DD	326	0	7.2	6.8	0.5	82	0.0
	DNH	735	0	17.6	16.6	1.0	96	0.0
SR	Essar steel	487	0	9.9	9.7	0.2	155	0.0
	Andhra Pradesh	8288	0	165.2	48.2	3.0	293	0.1
	Telangana	9307	0	179.7	80.3	-1.9	356	0.1
	Karnataka	9657	0	204.7	87.5	1.1	280	0.0
	Kerala	3438	0	64.7	51.7	0.5	422	0.1
	Tamil Nadu	14245	0	292.5	151.2	3.8	25	0.0
ER	Pondy	317	0	6.3	7.0	-0.7	0	0.0
	Bihar	4297	0	73.9	70.0	-2.4	200	0.0
	DVC	2967	0	70.8	-26.7	-1.3	220	0.0
	Jharkhand	1188	0	24.5	14.3	0.1	45	0.0
	Odisha	3942	0	67.7	22.9	1.8	225	0.0
	West Bengal	6504	0	111.5	14.9	1.1	220	0.0
NER	Sikkim	120	0	1.6	1.6	0.0	10	0.0
	Arunachal Pradesh	130	1	2.2	2.0	0.1	56	0.0
	Assam	1418	35	23.6	19.8	1.3	172	0.3
	Manipur	186	2	2.7	2.9	-0.1	23	0.0
	Meghalaya	318	0	6.4	3.9	-0.3	45	0.0
	Mizoram	90	1	1.8	1.0	0.1	26	0.0
NER	Nagaland	127	2	2.1	1.9	0.0	21	0.0
	Tripura	230	0	3.4	1.8	-0.1	29	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.7	-10.2	-11.4
Day peak (MW)	152.3	-296.4	-606.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	183.8	-227.6	108.6	-67.9	1.8	-1.3
Actual(MU)	182.8	-232.1	102.0	-63.0	2.0	-8.4
O/D/U/D(MU)	-1.0	-4.5	-6.6	4.9	0.2	-7.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4104	12769	5782	1720	290	24665
State Sector	8250	17155	5104	4155	50	34714
Total	12354	29924	10886	5875	339	59379

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	590	1160	0	406	10	2167
Hydro	107	22	Line Details	26	9	163
Nuclear	29	24	Circuit	0	0	53
Gas, Naptha & Diesel	28	41	Max Import (MW)	0	24	93
RES (Wind, Solar, Biomass & Others)	35	71	Max Export (MW)	2	0	108
Total	790	1317	0	434	43	2584

*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 : 10-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	322	0.0	7.9	-7.9
2		SASARAM-FATEHPUR	S/C	0	75	1.9	0.0	1.9
3		GAYA-BALIA	S/C	0	384	0.0	6.9	-6.9
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	245	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	195	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	112	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	7.0	-7.0
9		PATNA-BALIA	Q/C	0	1062	0.0	20.8	-20.8
10		BIHARSHARIFF-BALIA	D/C	0	261	0.0	3.4	-3.4
11		MOTHARI-GORAKHPUR	D/C	0	0	3.1	0.0	3.1
12		BIHARSHARIFF-VARANASI	D/C	0	316	0.0	0.1	-0.1
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-CHANDALI	S/C	0	0	0.0	0.0	0.0
ER-NR						5.5	52.1	-46.6
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	212	6.3	0.0	6.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	200	4.5	0.0	4.5
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	824	2.7	0.0	2.7
21		JHARSUGUDA-RAIGARH	S/C	0	0	4.3	0.0	4.3
22		IBEUL-RAIGARH	S/C	0	0	0.0	21.9	-21.9
23		STERLITE-RAIGARH	D/C	0	347	0.0	13.4	-13.4
24		RANCHI-SIPAT	D/C	0	1311	0.0	20.7	-20.7
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	0	0.0	0.0	0.0
26		BUDHIPADAR-KORBA	D/C	0	0	0.0	0.0	0.0
ER-WR						17.9	56.0	-38.2
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	870.6	0.0	6.8	-6.8
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	0.0	0.0	2.7	-2.7
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	0.0	0.0	0.3	-0.3
30	400 KV	TALCHER-I/C	D/C	17.5	17.5	0.0	0.0	0.0
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.1	-0.1
ER-SR						0.0	10.0	-10.0
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	0.0	0
33		ALIPURDUAR-BONGAIGAON	D/C	#VALUE!	#VALUE!	0.0	0.0	0
34	220 KV	ALIPURDUAR-SALAKATI	D/C	52	47	0.0	0.0	0
ER-NER						0.0	0.0	0.0
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	601	0.0	14.8	-14.8
NER-NR						0.0	14.8	-14.8
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1371	0.0	47.4	-47.4
37		V'CHAL B/B	D/C	250	250	2.4	1.4	1.0
38		APL -MHG	D/C	0	1814	0.0	29.6	-29.6
39	765 KV	GWALIOR-AGRA	D/C	0	2936	0.0	54.0	-54.0
40		PHAGI-GWALIOR	D/C	0	482	0.0	25.9	-25.9
41	400 KV	ZERDA-KANKROLI	S/C	206	0	2.8	0.0	2.8
42		ZERDA -BHINMAL	S/C	181	134	0.2	0.0	0.2
43		V'CHAL -RIHAND	S/C	0	485	22.0	0.0	22.0
44		RAPP-SHUJALPUR	D/C	0	1377	0	2	-2
45	220 KV	BADOD-KOTA	S/C	91	0	1.1	0.0	1.1
46		BADOD-MORAK	S/C	28	36	0.1	0.3	-0.2
47		MEHGAON-AURAIYA	S/C	73	0	1.2	0.0	1.2
48	132KV	MALANPUR-AURAIYA	S/C	31	0	0.4	0.0	0.4
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						30.2	160.4	-130.2
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.8	-19.8
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1509	0.0	24.9	-24.9
53		WARDHA-NIZAMABAD	D/C	0	2453	0.0	43.2	-43.2
54	400 KV	KOLHAPUR-KUDGI	D/C	387	0	3.3	0.0	3.3
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56		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						4.9	87.9	-83.0
TRANSNATIONAL EXCHANGE								
58		BHUTAN						1.7
59		NEPAL						-10.2
60		BANGLADESH						-11.4