



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: 6th 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 05.01.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05-जनवरी - 2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 5th 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

6-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	45631	45163	40909	17022	2186	150910
Peak Shortage (MW)	1356	67	66	0	227	1716
Energy Met (MU)	926	1049	930	327	40	3273
Hydro Gen(MU)	112	29	50	30	9	230
Wind Gen(MU)	4	11	23	-----	-----	38
Solar Gen (MU)*	2.86	15.53	39.53	0.67	0.02	59
Energy Shortage (MU)	17.9	0.0	1.8	0.0	1.6	21.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46700	51035	42334	18474	2402	153147

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	0.081	0.01	3.54	19.93	23.48	68.21	8.31

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	5533	0	108.0	24.7	-0.1	133	0.0
	Haryana	6778	91	125.1	69.2	2.1	251	1.3
	Rajasthan	10842	229	212.4	66.8	1.3	301	2.6
	Delhi	4421	0	72.0	57.5	0.5	353	0.0
	UP	14007	720	292.6	105.8	1.3	741	3.0
	Uttarakhand	2136	0	38.0	28.0	0.2	156	0.0
	HP	1561	0	28.0	22.4	1.1	136	0.0
	J&K	2202	551	46.5	43.5	-1.7	78	11.0
WR	Chandigarh	237	0	3.8	3.7	0.2	64	0.0
	Chhattisgarh	3415	0	72.0	16.2	-0.9	344	0.0
	Gujarat	14291	0	301.4	92.0	4.1	820	0.0
	MP	11942	0	225.7	139.0	-2.3	241	0.0
	Maharashtra	20002	0	406.8	118.8	1.7	640	0.0
	Goa	463	0	9.3	8.8	0.0	35	0.0
	DD	317	0	7.1	6.7	0.4	77	0.0
	DNH	740	0	17.4	16.7	0.7	59	0.0
SR	Essar steel	445	0	9.4	9.3	0.1	183	0.0
	Andhra Pradesh	8254	0	163.3	61.0	-0.6	356	0.3
	Telangana	9384	0	183.1	102.0	-4.2	357	0.3
	Karnataka	10279	0	210.1	92.4	1.1	325	0.4
	Kerala	3457	0	66.0	53.8	0.3	206	0.2
	Tamil Nadu	14236	0	301.4	160.6	2.9	401	0.6
ER	Pondy	322	0	6.3	7.0	-0.8	30	0.0
	Bihar	4007	0	69.0	63.4	-0.8	200	0.0
	DVC	2909	0	68.8	-28.4	-1.4	150	0.0
	Jharkhand	990	0	21.3	13.3	0.3	50	0.0
	Odisha	4055	0	67.5	22.7	1.7	350	0.0
	West Bengal	5662	0	98.5	6.6	0.1	200	0.0
NER	Sikkim	128	0	2.0	1.2	0.8	40	0.0
	Arunachal Pradesh	120	10	2.2	1.7	0.5	56	0.0
	Assam	1400	15	21.4	17.0	0.9	172	1.5
	Manipur	160	19	2.8	2.8	0.0	23	0.0
	Meghalaya	299	1	6.4	3.9	-0.1	45	0.0
	Mizoram	90	4	1.8	0.8	0.3	26	0.0
NER	Nagaland	118	3	2.2	1.6	0.5	21	0.0
	Tripura	215	5	3.4	1.3	0.3	29	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.9	-8.2	-8.8
Day peak (MW)	233.9	-430.7	-621.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	187.0	-224.7	123.4	-84.6	0.6	1.7
Actual(MU)	181.2	-228.7	110.7	-78.5	3.3	-12.1
O/D/U/D(MU)	-5.8	-4.0	-12.7	6.0	2.7	-13.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4314	14073	4842	2220	540	25989
State Sector	10995	17512	6150	4350	50	39057
Total	15309	31585	10992	6570	589	65046

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	570	1191	572	399	6	2739
Hydro	112	27	50	30	9	228
Nuclear	29	24	74	0	0	127
Gas, Naptha & Diesel	28	46	19	0	25	117
RES (Wind, Solar, Biomass & Others)	31	27	109	2	0	169
Total	771	1315	825	431	40	3381

*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 :	6-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	351	0.0	8.9	-8.9	
2		SASARAM-FATEHPUR	S/C	0	167	0.0	0.6	-0.6	
3		GAYA-BALIA	S/C	0	395	0.0	6.6	-6.6	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	247	0.0	0.0	0.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	204	0.0	2.7	-2.7	
7		PUSAULI -ALLAHABAD	S/C	0	107	0.0	2.7	-2.7	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	8.1	-8.1	
9		PATNA-BALIA	Q/C	0	1089	0.0	19.9	-19.9	
10		BIHARSHARIFF-BALIA	D/C	0	291	0.0	3.3	-3.3	
11		MOTHARI-GORAKHPUR	D/C	0	0	5.3	0.0	5.3	
12		BIHARSHARIFF-VARANASI	D/C	0	323	0.0	0.9	-0.9	
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						5.8	53.7	-47.9	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.4	0.0	8.4	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	359	1.4	0.0	1.4	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	4	4.8	0.0	4.8	
21		JHARSUGUDA-RAIGARH	S/C	0	49	2.9	0.0	2.9	
22		IBEUL-RAIGARH	S/C	0	91	0.6	0.0	0.6	
23		STERLITE-RAIGARH	D/C	0	0	1.6	0.0	1.6	
24		RANCHI-SIPAT	D/C	0	0	0.0	0.0	0.0	
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						19.7	0.0	19.7	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.6	-17.6	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	456.2	0.0	14.9	-14.9	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2269.1	0.0	46.0	-46.0	
30	400 KV	TALCHER-I/C	D/C	0.0	1202.0	0.0	17.2	-17.2	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	78.5	-78.5	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1321	0.0	8.3	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1051	0.0	7.5	-7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.1	-1	
ER-NER						0.0	16.9	-16.9	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	13.8	-13.8	
NER-NR						0.0	13.8	-13.8	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1104	0.0	47.8	-47.8	
37		V'CHAL B/B	D/C	50	0	1.2	0.0	1.2	
38		APL -MHG	D/C	0	2015	0.0	48.4	-48.4	
39	765 KV	GWALIOR-AGRA	D/C	0	2852	0.0	49.0	-49.0	
40		PHAGI-GWALIOR	D/C	483	0	0.0	20.8	-20.8	
41	400 KV	ZERDA-KANKROLI	S/C	286	0	4.4	0.0	4.4	
42		ZERDA -BHINMAL	S/C	256	30	1.9	0.0	1.9	
43		V'CHAL -RIHAND	S/C	485	0	22.8	0.0	22.8	
44		RAPP-SHUJALPUR	D/C	0	1307	0	2	-2	
45		BADOD-KOTA	S/C	98	0	1.5	0.0	1.5	
46	220 KV	BADOD-MORAK	S/C	52	0	0.3	0.0	0.3	
47		MEHGAON-AURAIYA	S/C	85	0	1.2	0.0	1.2	
48		MALANPUR-AURAIYA	S/C	33	2	0.3	0.0	0.3	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						33.6	167.9	-134.3	
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	765 KV	SOLAPUR-RAICHUR	D/C	134	1426	0.0	21.8	-21.8	
53		WARDHA-NIZAMABAD	D/C	0	2160	0.0	39.5	-39.5	
54	400 KV	KOLHAPUR-KUDGI	D/C	711	0	6.4	0.0	6.4	
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						7.9	85.3	-77.3	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						2.9	
59		NEPAL						-8.2	
60		BANGLADESH						-8.8	