



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: 4th 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 03.01.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-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 3rd 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

4-Jan-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	44849	44872	40808	17697	2315	150541
Peak Shortage (MW)	1495	89	-83	0	63	1565
Energy Met (MU)	917	1068	947	325	41	3298
Hydro Gen(MU)	114	27	52	25	9	226
Wind Gen(MU)	4	32	15	-----	-----	50
Solar Gen (MU)*	3.21	16.67	36.84	0.59	0.02	57
Energy Shortage (MU)	12.7	0.0	1.7	0.0	0.5	14.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46041	49230	43154	17436	2286	152859

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	0.058	0.00	0.81	17.81	18.62	76.08	5.30

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	5675	0	109.4	25.6	0.9	158	0.0
	Haryana	6703	60	122.3	69.8	1.2	245	0.3
	Rajasthan	10177	0	207.5	70.9	3.5	412	0.5
	Delhi	4217	0	68.0	54.9	-0.3	181	0.0
	UP	14216	320	295.4	107.5	1.0	658	0.0
	Uttarakhand	2048	0	36.1	25.6	0.8	183	0.9
	HP	1544	0	27.9	22.5	0.9	262	0.0
	J&K	2265	566	46.5	41.9	-0.1	221	11.0
WR	Chandigarh	236	0	3.7	3.8	-0.1	19	0.0
	Chhattisgarh	3367	0	71.7	8.7	-0.6	214	0.0
	Gujarat	13755	0	293.3	75.1	4.1	683	0.0
	MP	10987	0	220.9	143.5	-1.8	480	0.0
	Maharashtra	19888	0	440.4	116.4	2.4	612	0.0
	Goa	442	0	9.3	8.7	0.1	52	0.0
	DD	321	0	7.2	6.5	0.7	62	0.0
	DNH	744	0	17.3	16.7	0.6	66	0.0
SR	Essar steel	464	0	8.4	8.4	0.0	169	0.0
	Andhra Pradesh	8278	-	179.9	58.6	15.0	352	0.3
	Telangana	9305	-	184.4	109.7	-3.2	323	0.3
	Karnataka	9758	-	208.5	94.9	1.5	333	0.4
	Kerala	3477	-	65.9	54.1	0.2	214	0.1
	Tamil Nadu	14373	-	301.5	165.2	2.3	465	0.6
ER	Pondy	324	-	6.6	7.2	-0.6	14	0.0
	Bihar	4006	0	67.5	63.8	-0.8	385	0.0
	DVC	3061	0	68.3	-15.2	-1.3	345	0.0
	Jharkhand	1048	0	27.7	14.5	0.7	145	0.0
	Odisha	3805	0	68.0	29.2	2.2	485	0.0
	West Bengal	5779	0	92.1	10.3	1.2	435	0.0
NER	Sikkim	102	0	1.9	1.6	0.2	20	0.0
	Arunachal Pradesh	115	5	2.1	1.8	0.3	31	0.0
	Assam	1371	27	22.1	17.3	0.9	173	0.3
	Manipur	173	5	2.7	2.8	-0.2	21	0.1
	Meghalaya	303	0	6.3	3.8	-0.2	16	0.0
	Mizoram	95	3	1.9	1.0	0.1	20	0.0
NER	Nagaland	113	4	2.2	1.8	0.1	60	0.0
	Tripura	219	5	3.2	1.7	-0.2	59	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.8	-9.3	-12.0
Day peak (MW)	237.6	-422.7	-623.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	175.6	-238.6	134.8	-68.4	-1.0	2.4
Actual(MU)	168.5	-244.0	125.2	-65.2	-1.0	-16.5
O/D/U/D(MU)	-7.1	-5.5	-9.5	3.1	0.0	-19.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3831	13721	4842	1220	71	23685
State Sector	9885	17621	6960	6670	50	41186
Total	13716	31342	11802	7890	121	64871

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	575	1195	571	388	10	2739
Hydro	114	26	52	25	9	225
Nuclear	29	23	74	0	0	126
Gas, Naptha & Diesel	20	53	19	0	26	118
RES (Wind, Solar, Biomass & Others)	32	48	99	2	0	181
Total	770	1345	815	415	44	3389

*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 :	4-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	350	0.0	8.0	-8.0	
2		SASARAM-FATEHPUR	S/C	0	317	0.0	1.4	-1.4	
3		GAYA-BALIA	S/C	0	334	0.0	5.8	-5.8	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	0	0.0	0.0	0.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	57	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	10	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	802	0.0	8.7	-8.7	
9		PATNA-BALIA	Q/C	0	1337	0.0	19.7	-19.7	
10		BIHARSHARIFF-BALIA	D/C	0	344	0.0	3.4	-3.4	
11		MOTHARI-GORAKHPUR	D/C	0	0	4.7	0.0	4.7	
12	220 KV	BIHARSHARIFF-VARANASI	D/C	0	282	0.0	1.1	-1.1	
13		PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
14		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		132 KV	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-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						5.2	48.0	-42.9	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.2	0.0	10.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	391	1.0	0.0	1.0	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	30	1.2	0.0	1.2	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.6	0.0	2.6	
22		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24	220 KV	RANCHI-SIPAT	D/C	0	33	3.9	0.0	3.9	
25		BUDHIPADAR-RAIGARH	S/C	0	114	0.0	0.3	-0.3	
26		BUDHIPADAR-KORBA	D/C	0	0	1.5	0.0	1.5	
ER-WR						22.0	0.3	21.6	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.2	-20.2	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	383.9	0.0	12.2	-12.2	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2266.8	0.0	47.7	-47.7	
30	400 KV	TALCHER-I/C	D/C	0.0	832.7	0.0	9.6	-9.6	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	80.1	-80.1	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	953	0.0	4.9	-5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	785	0.0	2.7	-3	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2	
ER-NER						0.0	9.2	-9.2	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	491	700	0.0	8.9	-8.9	
NER-NR						0.0	8.9	-8.9	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1954	0.0	40.8	-40.8	
37		V'CHAL B/B	D/C	250	250	1.1	0.9	0.2	
38		APL -MHG	D/C	0	2015	0.0	39.9	-39.9	
39	765 KV	GWALIOR-AGRA	D/C	0	2636	0.0	47.7	-47.7	
40		PHAGI-GWALIOR	D/C	478	0	0.0	25.1	-25.1	
41	400 KV	ZERDA-KANKROLI	S/C	207	25	2.6	0.0	2.6	
42		ZERDA -BHINMAL	S/C	142	163	0.3	0.0	0.3	
43		V'CHAL -RIHAND	S/C	813	0	21.5	0.0	21.5	
44		RAPP-SHUJALPUR	D/C	0	1428	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	61	0	0.7	0.0	0.7	
46		BADOD-MORAK	S/C	15	52	0.0	0.5	-0.4	
47		MEHGAON-AURAIYA	S/C	73	0	1.4	0.0	1.4	
48	132KV	MALANPUR-AURAIYA	S/C	46	0	0.5	0.0	0.5	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						28.1	157.6	-129.6	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52		SOLAPUR-RAICHUR	D/C	0	1768	0.0	27.1	-27.1	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	2514	0.0	47.5	-47.5	
54	400 KV	KOLHAPUR-KUDGI	D/C	626	0	5.8	0.0	5.8	
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						7.3	98.5	-91.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						4.8	
59		NEPAL						-9.3	
60		BANGLADESH						-12.0	