



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: 27th Dec 2017

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. कार्यकारी निदेशक, ऊ.क्षे.भा.प्रे.के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Executive Director, 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 26.12.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-दिसम्बर - 2017 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 26th December 2017, is available at the NLDC website.

धन्यवाद,



पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

27-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	45360	46320	38436	16837	2364	149317
Peak Shortage (MW)	678	0	50	158	35	921
Energy Met (MU)	921	1070	885	322	41	3238
Hydro Gen(MU)	118	22	56	27	11	235
Wind Gen(MU)	5	42	40	-----	-----	86
Solar Gen (MU)*	2.83	17.06	37.96	0.67	0.02	59
Energy Shortage (MU)	15.9	0.0	0.7	0.5	0.3	17.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46198	51487	41733	16893	2303	150750

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	0.040	0.00	0.06	9.07	9.13	77.78	13.09

C. Power Supply Position in States

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	5976	0	109.1	44.7	0.4	181	0.0
	Haryana	6898	0	125.2	56.2	1.2	262	0.8
	Rajasthan	10944	428	217.4	72.8	4.0	493	3.1
	Delhi	3791	0	64.5	52.3	-1.2	380	0.0
	UP	14188	0	291.8	87.1	1.1	1541	1.2
	Uttarakhand	2003	0	36.0	23.1	0.5	159	0.0
	HP	1500	0	27.3	21.9	0.4	139	0.0
	J&K	2234	558	46.0	39.0	0.2	209	10.8
	Chandigarh	208	0	3.4	3.5	-0.1	20	0.0
	Chhattisgarh	3357	0	74.9	2.3	1.0	176	0.0
WR	Gujarat	14662	0	308.5	70.2	4.0	504	0.0
	MP	12254	0	231.2	145.1	0.6	498	0.0
	Maharashtra	20428	0	413.1	129.0	-1.4	349	0.0
	Goa	421	0	8.6	8.2	-0.1	13	0.0
	DD	322	0	7.0	6.6	0.3	95	0.0
	DNH	748	0	17.2	16.5	0.7	114	0.0
	Essar steel	467	0	9.5	8.1	1.4	253	0.0
	Andhra Pradesh	8076	0	159.4	57.3	-3.0	416	0.1
	Telangana	8350	0	164.4	79.3	-0.8	524	0.1
	Karnataka	9590	0	200.7	86.6	2.7	527	0.2
SR	Kerala	3480	0	65.6	50.3	1.1	247	0.1
	Tamil Nadu	13676	0	288.4	147.0	6.6	562	0.2
	Pondy	330	0	6.5	7.1	-0.6	22	0.0
	Bihar	3920	0	67.1	60.9	0.1	385	0.0
	DVC	2851	0	68.2	-36.8	-0.7	402	0.0
ER	Jharkhand	1019	50	22.4	13.3	1.1	195	0.5
	Odisha	3788	0	69.1	28.2	3.3	435	0.0
	West Bengal	5758	0	93.0	8.9	1.5	456	0.0
	Sikkim	106	0	1.7	1.5	0.2	20	0.0
	Arunachal Pradesh	118	2	2.3	1.8	0.5	51	0.0
NER	Assam	1418	2	23.1	17.3	1.3	104	0.1
	Manipur	175	4	2.7	2.9	-0.2	4	0.0
	Meghalaya	316	0	5.5	3.9	-0.2	30	0.0
	Mizoram	90	7	1.7	1.0	0.1	4	0.0
	Nagaland	125	3	2.1	1.8	0.1	37	0.0
	Tripura	223	0	3.3	1.9	-0.3	61	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.8	-9.1	-11.6
Day peak (MW)	169.3	-412.2	-613.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	169.8	-192.3	99.4	-75.2	0.1	1.8
Actual(MU)	161.4	-185.9	79.4	-68.1	-0.1	-13.3
O/D/U/D(MU)	-8.3	6.5	-20.1	7.0	-0.2	-15.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4031	14946	6322	2445	443	28187
State Sector	7830	16935	7420	5160	50	37395
Total	11861	31881	13742	7605	492	65582

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	586	1135	529	382	0	2633
Hydro	118	21	56	27	11	234
Nuclear	29	25	69	0	0	123
Gas, Naptha & Diesel	20	51	18	0	25	115
RES (Wind, Solar, Biomass & Others)	30	59	199	2	0	290
Total	784	1292	871	412	37	3396

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव (ऊर्जा)/संयुक्त सचिव (परिषद्)/(ओ एम)/निदेशक (ओ एम)/मुख्य अभियंता, के०वि०प्रा०(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी (पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 27-Dec-17
								Import=(+ve) /Export =(-ve) for NET (MU)
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER (With NR)								
1	765KV	GAYA-VARANASI	D/C	0	268	0.0	7.8	-7.8
2		SASARAM-FATEHPUR	S/C	0	119	0.7	0.0	0.7
3		GAYA-BALIA	S/C	0	363	0.0	4.9	-4.9
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	247	0.0	5.4	-5.4
6	400 KV	PUSAULI-VARANASI	S/C	0	184	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	134	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	644	0.0	8.2	-8.2
9		PATNA-BALIA	Q/C	0	1121	0.0	19.6	-19.6
10		BIHARSHARIFF-BALIA	D/C	0	204	0.0	2.4	-2.4
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.6	0.0	4.6
12		BIHARSHARIFF-VARANASI	D/C	0	267	0.0	0.8	-0.8
13	220 KV	PUSAULI-SAHUPURI	S/C	0	159	0.0	2.8	-2.8
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						5.9	51.9	-45.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.2	0.0	11.2
19	400 KV	NEW RANCHI-DHARAMJAIGARH	D/C	0	400	0.0	0.5	-0.5
20		ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	67	1.0	0.0	1.0
21		JHARSUGUDA-RAIGARH	S/C	0	24	1.0	0.0	1.0
22		IBEUL-RAIGARH	S/C	0	0	1.0	0.0	1.0
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	9	3.0	0.0	3.0
25		220 KV	BUDHIPADAR-RAIGARH	S/C	0	76	0.0	0.3
26	BUDHIPADAR-KORBA		D/C	0	0	2.6	0.0	2.6
ER-WR						19.8	0.8	19.0
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.0	-16.0
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	344.3	0.0	14.3	-14.3
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2254.5	0.0	41.3	-41.3
30	400 KV	TALCHER-I/C	D/C	0.0	1036.8	0.0	14.5	-14.5
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	71.6	-71.6
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1065	0.0	6.1	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	859	0.0	5.9	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.8	-2
ER-NER						0.0	13.8	-13.8
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	13.3	-13.3
NER-NR						0.0	13.3	-13.3
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1126	0.0	38.3	-38.3
37		V'CHAL B/B	D/C	250	250	3.8	1.5	2.3
38		APL -MHG	D/C	0	2015	0.0	27.1	-27.1
39	765 KV	GWALIOR-AGRA	D/C	0	2654	0.0	44.8	-44.8
40		PHAGI-GWALIOR	D/C	497	0	0.0	22.6	-22.6
41	400 KV	ZERDA-KANKROLI	S/C	220	16	2.1	0.0	2.1
42		ZERDA -BHINMAL	S/C	138	118	0.0	0.4	-0.4
43		V'CHAL -RIHAND	S/C	500	0	22.5	0.0	22.5
44		RAPP-SHUJALPUR	D/C	0	1397	0	2	-2
45	220 KV	BADOD-KOTA	S/C	90	0	1.2	0.0	1.2
46		BADOD-MORAK	S/C	39	32	0.3	0.1	0.1
47		MEHGAON-AURAIYA	S/C	95	0	1.7	0.0	1.7
48		MALANPUR-AURAIYA	S/C	49	0	0.7	0.0	0.7
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						32.4	136.9	-104.6
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	12.4	-12.4
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52		SOLAPUR-RAICHUR	D/C	0	1477	0.0	20.7	-20.7
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1921	0.0	32.8	-32.8
54		KOLHAPUR-KUDGI	D/C	361	137	0.7	2.9	-2.2
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						2.2	68.8	-66.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						3.8
59		NEPAL						-9.1
60		BANGLADESH						-11.6