



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: 26th 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 25.12.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-दिसम्बर - 2017 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 25th December 2017, 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

26-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	44351	45620	36958	16642	2303	145875
Peak Shortage (MW)	808	11	99	156	26	1100
Energy Met (MU)	889	1055	855	323	41	3164
Hydro Gen(MU)	116	19	50	29	11	225
Wind Gen(MU)	4	39	34	-----	-----	77
Solar Gen (MU)*	0.85	16.77	37.64	0.64	0.02	56
Energy Shortage (MU)	15.4	0.0	1.3	0.5	0.3	17.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44480	50282	40833	16706	2287	146823

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	0.051	0.00	1.08	12.07	13.15	77.14	9.71

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	5151	0	103.3	44.1	-0.3	160	0.0
	Haryana	6461	0	123.2	58.2	0.1	176	0.0
	Rajasthan	10753	445	209.6	72.9	4.0	397	2.4
	Delhi	3810	0	61.9	48.2	0.3	243	0.0
	UP	14417	260	282.1	89.9	0.0	658	2.6
	Uttarakhand	1944	0	34.7	20.6	1.8	345	0.0
	HP	1537	0	27.4	21.4	0.9	200	0.0
	J&K	2191	548	44.0	38.5	-1.6	103	10.4
WR	Chhattisgarh	192	0	3.1	3.4	-0.3	13	0.0
	Gujarat	3328	0	72.9	2.8	0.1	94	0.0
	MP	14744	0	306.3	76.1	0.3	455	0.0
	Maharashtra	9295	0	230.3	146.1	-2.4	312	0.0
	Goa	19817	0	402.6	130.1	-0.7	335	0.0
	DD	429	0	9.4	7.2	1.7	22	0.0
	DNH	322	0	7.0	6.3	0.7	87	0.0
	Essar steel	748	0	17.2	16.2	1.0	89	0.0
SR	Andhra Pradesh	467	0	9.5	8.7	0.8	225	0.0
	Telangana	8143	0	160.5	56.6	1.7	377	0.2
	Karnataka	8149	0	160.9	74.4	-1.3	394	0.2
	Kerala	9555	0	196.3	80.6	4.3	456	0.3
	Tamil Nadu	3169	0	58.9	48.6	0.9	275	0.1
	Pondy	13623	0	272.9	138.5	7.9	440	0.4
ER	Bihar	318	0	6.0	6.8	-0.8	19	0.0
	DVC	3893	0	67.5	63.4	1.0	385	0.0
	Jharkhand	2766	0	66.2	-37.8	-1.1	302	0.0
	Odisha	1056	156	23.8	12.6	0.8	185	0.5
	West Bengal	3974	0	73.0	34.1	2.4	402	0.0
	Sikkim	5331	0	91.4	9.1	1.8	435	0.0
NER	Arunachal Pradesh	101	0	1.6	1.5	0.1	20	0.0
	Assam	104	0	2.3	2.0	0.3	51	0.0
	Manipur	1398	4	22.4	18.1	0.8	104	0.2
	Meghalaya	185	0	2.7	2.9	-0.2	4	0.0
	Mizoram	311	0	6.2	4.1	-0.2	30	0.0
	Nagaland	83	1	1.7	1.2	-0.2	4	0.0
Tripura	108	2	2.0	2.0	-0.2	37	0.0	
		213	2	3.8	2.0	0.0	61	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.6	-9.0	-9.6
Day peak (MW)	181.1	-437.4	-578.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	167.0	-191.0	91.2	-69.2	-0.7	-2.7
Actual(MU)	165.4	-205.0	78.5	-60.0	-1.8	-22.9
O/D/U/D(MU)	-1.7	-14.0	-12.6	9.1	-1.1	-20.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4081	14501	6982	2745	80	28389
State Sector	8130	16668	7665	5370	50	37883
Total	12211	31169	14647	8115	129	66272

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	561	1131	509	374	1	2577
Hydro	116	18	50	29	11	224
Nuclear	29	27	69	0	0	125
Gas, Naptha & Diesel	41	50	18	0	25	134
RES (Wind, Solar, Biomass & Others)	7	55	193	2	0	258
Total	755	1282	839	405	37	3318

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(त्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	26-Dec-17
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	300	0.0	7.3	-7.3	
2		SASARAM-FATEHPUR	S/C	0	187	0.2	0.0	0.2	
3		GAYA-BALIA	S/C	0	314	0.0	3.7	-3.7	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	3.3	-3.3	
5		PUSAULI B/B	S/C	0	245	0.0	3.3	-3.3	
6	400 KV	PUSAULI-VARANASI	S/C	0	187	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	138	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	660	0.0	7.5	-7.5	
9		PATNA-BALIA	Q/C	0	1082	0.0	16.6	-16.6	
10		BIHARSHARIFF-BALIA	D/C	0	175	0.0	2.4	-2.4	
11		MOTHARI-GORAKHPUR	D/C	0	0	4.9	0.0	4.9	
12		BIHARSHARIFF-VARANASI	D/C	0	286	0.0	0.4	-0.4	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	155	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	0.5	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						5.6	47.4	-41.8	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	14.1	0.0	14.1	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	420	0.0	0.7	-0.7	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	53	0.9	0.0	0.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.7	0.0	1.7	
22		IBEUL-RAIGARH	S/C	0	0	1.6	0.0	1.6	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	29	3.6	0.0	3.6	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	76	0.0	0.5	-0.5	
26		BUDHIPADAR-KORBA	D/C	0	0	2.5	0.0	2.5	
ER-WR						24.5	1.1	23.3	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.4	-16.4	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	452.1	0.0	15.5	-15.5	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	1884.6	0.0	37.2	-37.2	
30	400 KV	TALCHER-I/C	D/C	0.0	1231.7	0.0	16.1	-16.1	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	69.0	-69.0	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1235	0.0	6.6	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	987	0.0	6.8	-7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2	
ER-NER						0.0	15.4	-15.4	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.2	-16.2	
NER-NR						0.0	16.2	-16.2	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1251	0.0	35.5	-35.5	
37		V'CHAL B/B	D/C	250	250	4.0	1.3	2.7	
38		APL -MHG	D/C	0	2015	0.0	35.8	-35.8	
39	765 KV	GWALIOR-AGRA	D/C	0	2784	0.0	46.0	-46.0	
40		PHAGI-GWALIOR	D/C	489	0	0.0	19.1	-19.1	
41	400 KV	ZERDA-KANKROLI	S/C	274	0	3.2	0.0	3.2	
42		ZERDA -BHINMAL	S/C	212	141	0.1	0.0	0.1	
43		V'CHAL -RIHAND	S/C	493	0	21.9	0.0	21.9	
44		RAPP-SHUJALPUR	D/C	0	1885	0	2	-2	
45		BADOD-KOTA	S/C	82	0	1.2	0.0	1.2	
46	220 KV	BADOD-MORAK	S/C	35	34	0.0	0.0	0.0	
47		MEHGAON-AURAIYA	S/C	113	0	1.6	0.0	1.6	
48		MALANPUR-AURAIYA	S/C	74	0	0.7	0.0	0.7	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						32.6	140.2	-107.6	
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		SOLAPUR-RAICHUR	D/C	0	1467	0.0	21.4	-21.4	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	2022	0.0	36.4	-36.4	
54		KOLHAPUR-KUDGI	D/C	361	106	2.5	0.4	2.1	
55	400 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						4.0	77.9	-73.9	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						3.6	
59		NEPAL						-9.0	
60		BANGLADESH						-9.6	