



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: 13th 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 12.12.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-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 12th 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

13-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41034	45498	38910	17529	2350	145321
Peak Shortage (MW)	1482	67	75	50	70	1744
Energy Met (MU)	769	1045	886	327	41	3068
Hydro Gen(MU)	116	24	94	31	13	278
Wind Gen(MU)	2	11	8	-----	-----	21
Solar Gen (MU)*	2.41	16.08	35.51	0.66	0.01	55
Energy Shortage (MU)	13.2	0.0	1.9	0.2	0.5	15.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42272	48742	40213	17493	2319	146615

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	0.074	0.00	1.97	20.93	22.89	69.97	7.14

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	4980	0	88.4	24.3	-0.3	118	0.0
	Haryana	5725	400	90.9	51.3	3.1	413	0.3
	Rajasthan	9052	0	189.2	74.3	1.9	358	3.5
	Delhi	3503	0	61.8	51.3	0.2	210	0.0
	UP	13474	170	249.7	76.4	0.8	316	1.5
	Uttarakhand	1772	0	29.9	15.7	-1.7	198	0.1
	HP	1368	0	23.3	19.8	-3.0	81	0.1
	J&K	1691	298	32.5	38.2	-10.4	0	7.6
WR	Chhattisgarh	184	0	3.4	3.6	-0.2	16	0.0
	Gujarat	3305	0	70.8	4.6	-1.7	113	0.0
	MP	13879	0	295.4	90.2	0.9	359	0.0
	Maharashtra	9981	0	224.4	139.4	-0.7	443	0.0
	Goa	19916	0	416.6	137.2	-2.2	591	0.0
	DD	417	0	9.3	8.6	0.0	33	0.0
	DNH	331	0	7.2	6.5	0.7	83	0.0
	Essar steel	751	0	17.4	16.9	0.5	76	0.0
SR	Andhra Pradesh	262	0	4.1	3.4	0.7	175	0.0
	Telangana	7568	0	160.9	68.3	5.5	702	0.3
	Karnataka	7881	0	153.6	60.1	-1.2	409	0.3
	Kerala	9617	0	207.2	82.6	5.6	522	0.4
	Tamil Nadu	3559	0	67.5	47.8	0.4	190	0.2
	Pondy	13428	0	289.9	149.1	6.3	691	0.6
ER	Bihar	331	0	6.5	7.1	-0.5	55	0.0
	DVC	3819	0	63.2	57.1	-0.3	355	0.0
	Jharkhand	2943	0	65.4	-38.3	-1.0	285	0.0
	Odisha	1038	0	24.0	13.0	0.2	140	0.2
	West Bengal	3774	0	67.7	27.8	3.1	380	0.0
	Sikkim	6311	0	105.4	18.8	3.3	400	0.0
NER	Arunachal Pradesh	105	0	1.5	1.5	0.0	21	0.0
	Assam	109	6	2.2	1.9	0.3	50	0.0
	Manipur	1412	9	23.1	17.6	0.9	155	0.4
	Meghalaya	149	15	2.8	2.8	0.0	43	0.1
	Mizoram	301	5	5.4	3.0	-0.1	30	0.0
	Nagaland	86	9	1.5	1.2	0.2	24	0.0
Tripura	113	6	2.2	1.7	0.1	26	0.0	
		211	0	3.3	1.7	0.3	53	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.6	-7.5	-5.1
Day peak (MW)	248.7	-435.2	-618.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	121.7	-135.4	98.8	-81.9	-2.9	0.3
Actual(MU)	108.8	-146.8	112.2	-77.9	-2.3	-6.0
O/D/U/D(MU)	-12.9	-11.4	13.4	4.0	0.6	-6.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4714	16472	7272	3180	193	31832
State Sector	11315	16227	9184	5450	50	42226
Total	16029	32699	16456	8630	243	74058

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	484	1093	536	383	0	2495
Hydro	116	23	94	31	13	277
Nuclear	34	27	46	0	0	107
Gas, Naptha & Diesel	47	54	18	0	24	144
RES (Wind, Solar, Biomass & Others)	7	27	140	1	0	175
Total	687	1224	834	415	38	3198

*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(त्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	13-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	254	0.0	4.8	-4.8	
2		SASARAM-FATEHPUR	S/C	0	145	0.5	0.0	0.5	
3		GAYA-BALIA	S/C	0	263	0.0	2.5	-2.5	
4	HVDC	ALIPURDUAR-AGRA	-	0	93	0.0	0.4	-0.4	
5		PUSAULI B/B	S/C	0	245	0.0	5.9	-5.9	
6	400 KV	PUSAULI-VARANASI	S/C	0	215	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	104	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	544	0.0	6.9	-6.9	
9		PATNA-BALIA	Q/C	0	1111	0.0	18.4	-18.4	
10		BIHARSHARIFF-BALIA	D/C	0	163	0.0	2.1	-2.1	
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	2.3	-2.3	
12		BIHARSHARIFF-VARANASI	D/C	0	237	0.0	1.0	-1.0	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	116	0.0	2.0	-2.0	
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-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						0.9	46.4	-45.4	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	14.7	0.0	14.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	627	0.0	3.9	-3.9	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	56	2.1	0.0	2.1	
21		JHARSUGUDA-RAIGARH	S/C	0	2	1.9	0.0	1.9	
22		IBEUL-RAIGARH	S/C	0	0	2.0	0.0	2.0	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	132	1.1	0.0	1.1	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	72	0.0	0.3	-0.3	
26		BUDHIPADAR-KORBA	D/C	0	0	2.6	0.0	2.6	
ER-WR						24.3	4.2	20.1	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	21.8	-21.8	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	323.9	0.0	10.8	-10.8	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2263.5	0.0	47.9	-47.9	
30	400 KV	TALCHER-I/C	D/C	0.0	1056.4	0.0	13.7	-13.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	80.6	-80.6	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1166	0.0	5.9	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	954	0.0	5.6	-6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.8	-2	
ER-NER						0.0	13.3	-13.3	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	14.4	-14.4	
NER-NR						0.0	14.4	-14.4	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	500	0.0	11.9	-11.9	
37		V'CHAL B/B	D/C	250	100	3.8	0.2	3.6	
38		APL -MHG	D/C	0	507	0.0	17.0	-17.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2302	0.0	25.1	-25.1	
40		PHAGI-GWALIOR	D/C	0	1380	0.0	20.8	-20.8	
41	400 KV	ZERDA-KANKROLI	S/C	327	8	4.3	0.0	4.3	
42		ZERDA -BHINMAL	S/C	293	78	2.4	0.0	2.4	
43		V'CHAL -RIHAND	S/C	483	0	10.1	0.0	10.1	
44		RAPP-SHUJALPUR	D/C	0	92	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	111	0	1.8	0.0	1.8	
46		BADOD-MORAK	S/C	63	25	0.5	0.1	0.4	
47		MEHGAON-AURAIYA	S/C	155	0	1.6	0.0	1.6	
48	220 KV	MALANPUR-AURAIYA	S/C	55	9	0.6	0.0	0.6	
49		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	
WR-NR						25.0	76.3	-51.3	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	12.1	-12.1	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1808	0.0	31.1	-31.1	
53		WARDHA-NIZAMABAD	D/C	0	1862	0.0	35.6	-35.6	
54	400 KV	KOLHAPUR-KUDGI	D/C	352	150	3.5	0.7	2.8	
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						5.0	79.5	-74.5	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						4.6	
59		NEPAL						-7.5	
60		BANGLADESH						-5.1	