



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: 12th 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 11.12.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11-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 11th 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

12-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	39121	45353	37347	17722	2327	141870
Peak Shortage (MW)	697	11	0	0	94	802
Energy Met (MU)	810	1055	869	324	40	3099
Hydro Gen(MU)	105	28	137	32	13	315
Wind Gen(MU)	10	25	8	-----	-----	43
Solar Gen (MU)*	2.28	14.23	38.87	0.63	0.00	56
Energy Shortage (MU)	9.4	0.2	0.0	0.0	0.7	10.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	40828	49462	39462	17639	2307	142802

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	0.049	0.00	0.25	14.39	14.64	74.47	10.89

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	4553	0	88.4	27.0	-0.9	180	0.0
	Haryana	5966	200	103.2	48.7	-0.2	196	0.0
	Rajasthan	10535	0	190.9	72.9	-0.8	205	0.0
	Delhi	3509	0	60.8	45.8	-1.3	111	0.0
	UP	13480	250	267.1	80.5	0.2	415	0.8
	Uttarakhand	1886	0	33.9	19.2	-0.3	220	0.0
	HP	1496	0	26.2	21.0	0.0	106	0.1
	J&K	1789	447	36.4	36.0	-4.0	192	8.5
WR	Chhattisgarh	187	0	3.3	3.4	-0.1	7	0.0
	Chhattisgarh	3274	0	72.2	3.4	0.6	296	0.0
	Gujarat	14080	0	295.9	77.6	1.4	400	0.0
	MP	11799	0	229.4	141.4	-1.8	359	0.2
	Maharashtra	20121	0	413.5	133.6	0.0	556	0.0
	Goa	442	0	9.2	8.3	0.2	61	0.0
	DD	319	0	7.0	6.3	0.7	81	0.0
	DNH	747	0	17.3	16.5	0.8	89	0.0
SR	Essar steel	487	0	10.0	10.2	-0.2	177	0.0
	Andhra Pradesh	7710	0	159.3	69.1	5.2	678	0.0
	Telangana	7813	0	154.5	62.7	-0.4	416	0.0
	Karnataka	9155	0	198.7	86.3	4.4	520	0.0
	Kerala	3520	0	66.9	47.0	1.0	195	0.0
	Tamil Nadu	13012	0	283.3	140.7	11.2	567	0.0
ER	Pondy	336	0	6.6	7.0	-0.4	25	0.0
	Bihar	3804	0	63.2	58.5	-1.5	350	0.0
	DVC	3110	0	65.6	-35.5	-1.1	300	0.0
	Jharkhand	1220	0	23.4	13.5	-0.6	150	0.0
	Odisha	3790	0	66.9	26.3	3.1	400	0.0
	West Bengal	6298	0	103.9	20.6	2.5	380	0.0
NER	Sikkim	101	0	1.4	1.7	-0.2	22	0.0
	Arunachal Pradesh	117	7	2.3	1.9	0.4	12	0.0
	Assam	1419	35	23.2	16.7	1.6	115	0.4
	Manipur	158	7	2.4	2.7	-0.4	22	0.0
	Meghalaya	299	0	5.3	3.1	-0.3	26	0.0
	Mizoram	92	4	1.5	1.3	0.1	17	0.1
NER	Nagaland	112	7	2.3	1.6	0.2	31	0.1
	Tripura	218	3	3.2	1.6	0.2	46	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.7	-7.4	-2.3
Day peak (MW)	240.9	-425.4	-133.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	129.9	-128.9	92.1	-88.2	-3.1	1.7
Actual(MU)	119.6	-133.8	104.6	-85.8	-2.1	2.5
O/D/U/D(MU)	-10.3	-4.9	12.5	2.5	1.0	0.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4714	16522	7932	2455	393	32017
State Sector	10305	17385	9550	5410	50	42700
Total	15019	33907	17482	7865	443	74717

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	509	1081	535	384	1	2509
Hydro	105	27	137	32	13	314
Nuclear	34	27	46	0	0	107
Gas, Naptha & Diesel	57	54	17	0	25	153
RES (Wind, Solar, Biomass & Others)	14	40	157	1	0	212
Total	719	1228	893	417	39	3296

*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(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	12-Dec-17
SI 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	200	0.0	5.6	-5.6	
2		SASARAM-FATEHPUR	S/C	0	173	0.0	0.1	-0.1	
3		GAYA-BALIA	S/C	0	222	0.0	2.9	-2.9	
4	HVDC	ALIPURDUAR-AGRA	-	0	261	0.0	2.1	-2.1	
5		PUSAULI B/B	S/C	0	247	0.0	5.7	-5.7	
6	400 KV	PUSAULI-VARANASI	S/C	0	195	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	117	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	537	0.0	7.3	-7.3	
9		PATNA-BALIA	Q/C	0	1225	0.0	22.1	-22.1	
10		BIHARSHARIFF-BALIA	D/C	0	143	0.0	1.9	-1.9	
11		MOTHARI-GORAKHPUR	D/C	0	0	2.4	0.0	2.4	
12		BIHARSHARIFF-VARANASI	D/C	0	206	0.0	0.3	-0.3	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	106	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	30	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						2.9	49.9	-47.0	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.4	0.0	10.4	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	636	0.0	5.7	-5.7	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	80	0.7	0.0	0.7	
21		JHARSUGUDA-RAIGARH	S/C	0	20	1.2	0.0	1.2	
22		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	112	0.7	0.0	0.7	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	68	0.0	0.3	-0.3	
26		BUDHIPADAR-KORBA	D/C	0	0	3.0	0.0	3.0	
ER-WR						17.3	6.0	11.3	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.4	-18.4	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	319.8	0.0	12.8	-12.8	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2273.1	0.0	45.8	-45.8	
30	400 KV	TALCHER-I/C	D/C	0.0	1001.1	0.0	13.9	-13.9	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	77.0	-77.0	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1172	0.0	6.4	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	959	0.0	5.3	-5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2	
ER-NER						0.0	13.7	-13.7	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.4	-16.4	
NER-NR						0.0	16.4	-16.4	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	18.3	-18.3	
37		V'CHAL B/B	D/C	250	100	2.3	0.2	2.1	
38		APL -MHG	D/C	0	1010	0.0	20.3	-20.3	
39	765 KV	GWALIOR-AGRA	D/C	0	1824	0.0	23.9	-23.9	
40		PHAGI-GWALIOR	D/C	245	0	5.3	0.0	5.3	
41	400 KV	ZERDA-KANKROLI	S/C	250	0	4.9	0.0	4.9	
42		ZERDA -BHINMAL	S/C	229	0	3.2	0.0	3.2	
43		V'CHAL -RIHAND	S/C	245	0	5.4	0.0	5.4	
44		RAPP-SHUJALPUR	D/C	0	940	0	19	-19	
45	220 KV	BADOD-KOTA	S/C	125	0	2.0	0.0	2.0	
46		BADOD-MORAK	S/C	51	16	0.5	0.0	0.5	
47		MEHGAON-AURAIYA	S/C	101	0	1.7	0.0	1.7	
48	220 KV	MALANPUR-AURAIYA	S/C	64	0	0.9	0.0	0.9	
49		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						26.2	81.4	-55.2	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	12.0	-12.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1612	0.0	28.6	-28.6	
53		WARDHA-NIZAMABAD	D/C	0	1714	0.0	29.6	-29.6	
54	400 KV	KOLHAPUR-KUDGI	D/C	345	118	2.9	0.5	2.4	
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						4.4	70.6	-66.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						4.7	
59		NEPAL						-7.4	
60		BANGLADESH						-2.3	