



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: 2nd 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 01.12.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-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 1st December 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

2-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40847	45397	35727	16941	2320	141231
Peak Shortage (MW)	631	197	0	100	67	995
Energy Met (MU)	856	1069	781	317	39	3062
Hydro Gen(MU)	104	25	45	30	15	218
Wind Gen(MU)	6	43	66	-----	-----	116
Solar Gen (MU)*	3.26	14.75	23.90	0.67	0.03	43
Energy Shortage (MU)	22.8	0.7	0.0	0.3	0.6	24.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43817	50551	36648	16839	2333	143741

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	0.045	0.00	0.09	8.94	9.03	72.15	18.82

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	5207	0	101.8	35.2	0.4	249	0.0
	Haryana	6092	0	116.7	57.5	3.1	268	12.4
	Rajasthan	10890	0	199.1	69.9	2.2	285	0.0
	Delhi	3508	0	62.1	49.2	-0.4	168	0.0
	UP	12434	0	269.6	90.4	0.5	533	0.0
	Uttarakhand	1859	0	33.8	18.8	-0.9	145	0.1
	HP	1503	0	26.5	20.9	-0.1	58	0.0
	J&K	2045	511	43.4	37.5	1.3	172	10.2
WR	Chhattisgarh	191	0	3.3	3.4	-0.2	37	0.0
	Gujarat	3068	142	68.3	4.4	-0.2	211	0.7
	MP	14413	0	307.4	92.1	1.7	616	0.0
	Maharashtra	9285	0	236.1	156.0	1.1	798	0.0
	Goa	20254	0	414.7	144.8	-1.9	466	0.0
	DD	404	0	9.5	8.8	0.2	36	0.0
	DNH	301	0	6.9	6.4	0.5	67	0.0
	Essar steel	708	0	16.6	16.3	0.3	48	0.0
SR	Andhra Pradesh	484	0	9.6	9.5	0.2	188	0.0
	Telangana	7122	0	153.0	46.1	1.3	415	0.0
	Karnataka	7126	0	148.1	57.9	-1.7	407	0.0
	Kerala	8615	0	182.5	79.8	1.9	478	0.0
	Tamil Nadu	3000	0	60.2	50.1	0.2	187	0.0
	Pondy	12112	0	230.9	140.8	-4.5	469	0.0
ER	Bihar	326	0	6.1	7.1	-1.0	27	0.0
	DVC	3629	0	59.7	54.2	-0.5	0	0.3
	Jharkhand	2811	0	66.8	-37.1	-1.0	0	0.0
	Odisha	1074	0	24.0	13.8	-0.3	0	0.0
	West Bengal	3675	0	68.2	27.1	4.1	0	0.0
	Sikkim	5882	0	96.4	21.6	1.5	0	0.0
NER	Arunachal Pradesh	104	0	1.3	1.6	-0.3	0	0.0
	Assam	114	2	1.9	1.8	0.1	3	0.0
	Manipur	1395	41	22.4	18.9	0.3	68	0.4
	Meghalaya	176	2	2.1	2.7	-0.6	20	0.0
	Mizoram	302	0	5.9	3.1	0.1	74	0.0
	Nagaland	80	1	1.4	1.3	0.0	21	0.0
Tripura	99	3	2.1	1.6	0.0	18	0.0	
		212	0	3.2	1.6	-0.4	7	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.1	-6.1	-9.5
Day peak (MW)	264.9	-300.2	-553.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	157.3	-154.5	76.1	-83.7	3.2	-1.5
Actual(MU)	155.1	-153.8	68.7	-72.9	0.3	-2.5
O/D/U/D(MU)	-2.2	0.7	-7.4	10.8	-2.9	-1.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4335	14796	2530	2315	550	24525
State Sector	11150	20225	13102	5660	50	50187
Total	15485	35021	15632	7975	599	74712

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	516	1095	470	372	0	2453
Hydro	104	25	45	30	15	218
Nuclear	34	27	58	0	0	119
Gas, Naptha & Diesel	54	49	14	0	22	139
RES (Wind, Solar, Biomass & Others)	12	58	133	1	0	204
Total	720	1253	719	403	37	3132

*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 :	2-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	289	0.0	7.9	-7.9	
2		SASARAM-FATEHPUR	S/C	0	163	0.0	0.1	-0.1	
3		GAYA-BALIA	S/C	0	290	0.0	5.3	-5.3	
4	HVDC	ALIPURDUAR-AGRA	-	0	85	0.0	1.0	-1.0	
5		PUSAULI B/B	S/C	0	248	0.0	6.1	-6.1	
6	400 KV	PUSAULI-VARANASI	S/C	0	192	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	122	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	566	0.0	7.7	-7.7	
9		PATNA-BALIA	Q/C	0	1099	0.0	20.4	-20.4	
10		BIHARSHARIFF-BALIA	D/C	0	218	0.0	3.5	-3.5	
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	3.8	-3.8	
12		BIHARSHARIFF-VARANASI	D/C	0	235	0.0	0.6	-0.6	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	107	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						0.5	58.5	-58.0	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	33	7.2	0.0	7.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	453	1.7	0.0	1.7	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	39	4.3	0.0	4.3	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.6	0.0	2.6	
22		IBEUL-RAIGARH	S/C	0	0	2.5	0.0	2.5	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	62	2.3	0.0	2.3	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	68	0.0	0.2	-0.2	
26		BUDHIPADAR-KORBA	D/C	0	0	1.8	0.0	1.8	
ER-WR						22.5	0.2	22.3	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.9	-18.9	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	15.0	-15.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1727.1	0.0	35.5	-35.5	
30	400 KV	TALCHER-I/C	D/C	0.0	1187.2	0.0	18.8	-18.8	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	69.4	-69.4	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1189	0.0	8.5	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	953	0.0	8.2	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2	
ER-NER						0.0	18.7	-18.7	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.9	-16.9	
NER-NR						0.0	16.9	-16.9	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	23.7	-23.7	
37		V'CHAL B/B	D/C	250	0	6.0	0.0	6.0	
38		APL -MHG	D/C	0	1010	0.0	22.2	-22.2	
39	765 KV	GWALIOR-AGRA	D/C	0	2396	0.0	44.2	-44.2	
40		PHAGI-GWALIOR	D/C	0	168	0.0	33.3	-33.3	
41	400 KV	ZERDA-KANKROLI	S/C	201	0	0.0	0.0	0.0	
42		ZERDA -BHINMAL	S/C	132	136	0.7	0.0	0.7	
43		V'CHAL -RIHAND	S/C	0	0	22.4	0.0	22.4	
44		RAPP-SHUJALPUR	D/C	0	304	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	125	0	1.8	0.0	1.8	
46		BADOD-MORAK	S/C	56	6	0.5	0.0	0.5	
47		MEHGAON-AURAIYA	S/C	66	0	1.1	0.0	1.1	
48	220 KV	MALANPUR-AURAIYA	S/C	32	9	0.3	0.0	0.3	
49		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						32.8	125.1	-92.3	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	3.4	-3.4	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	254	1004	0.0	11.1	-11.1	
53		WARDHA-NIZAMABAD	D/C	0	1916	0.0	31.1	-31.1	
54	400 KV	KOLHAPUR-KUDGI	D/C	335	53	3.3	0.2	3.1	
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						4.8	45.8	-40.9	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.1	
59		NEPAL						-6.1	
60		BANGLADESH						-9.5	