



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: 14th Nov 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 13.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13-नवम्बर - 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 13th November 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

14-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40108	46936	38291	17430	2302	145068
Peak Shortage (MW)	932	23	0	300	66	1321
Energy Met (MU)	845	1086	836	327	39	3132
Hydro Gen(MU)	114	32	61	46	17	270
Wind Gen(MU)	7	7	12	-----	-----	27
Solar Gen (MU)*	0.72	13.87	33.80	0.70	0.03	49
Energy Shortage (MU)	12.2	0.0	0.0	0.9	0.7	13.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41479	49564	39294	17501	2243	147000

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	0.067	0.00	1.91	18.76	20.67	70.66	8.67

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	5588	0	108.1	37.6	-0.6	206	0.0
	Haryana	5679	40	101.2	63.7	0.9	210	0.0
	Rajasthan	10132	333	201.0	52.0	3.2	380	1.9
	Delhi	3312	0	62.1	46.2	0.3	258	0.0
	UP	12549	520	271.0	105.3	1.1	638	0.0
	Uttarakhand	1737	0	32.2	15.2	1.7	254	0.6
	HP	1456	0	24.8	16.8	0.6	159	0.0
	J&K	1972	493	41.1	36.1	-0.2	88	9.7
WR	Chhattisgarh	170	0	3.1	3.2	-0.1	22	0.0
	Gujarat	3133	0	69.1	14.6	1.3	175	0.0
	MP	14904	0	318.3	104.0	-1.1	489	0.0
	Maharashtra	11678	0	232.9	171.1	1.1	372	0.0
	Goa	20809	0	422.5	137.6	-0.8	513	0.0
	DD	412	0	8.6	9.1	-0.4	74	0.0
	DNH	286	0	7.0	6.4	0.6	40	0.0
	Essar steel	765	0	17.1	16.5	0.6	45	0.0
SR	Andhra Pradesh	527	0	10.3	10.3	0.0	161	0.0
	Telangana	7350	0	158.3	52.4	0.9	349	0.0
	Karnataka	7227	0	152.5	62.8	-1.8	644	0.0
	Kerala	9011	0	189.0	78.3	1.9	609	0.0
	Tamil Nadu	3492	0	65.6	49.2	1.2	184	0.0
	Pondy	13049	0	264.2	141.4	3.0	602	0.0
ER	Bihar	321	0	6.1	6.7	-0.6	30	0.0
	DVC	3602	0	62.2	56.9	0.0	220	0.0
	Jharkhand	2672	0	58.5	-22.5	2.3	250	0.9
	Odisha	1062	0	20.2	14.2	0.0	90	0.0
	West Bengal	4027	0	71.7	32.6	2.6	250	0.0
	Sikkim	6861	0	112.9	25.6	2.8	250	0.0
NER	Arunachal Pradesh	107	0	1.4	1.6	-0.2	10	0.0
	Assam	115	1	2.5	1.8	0.6	43	0.0
	Manipur	1413	44	21.5	16.4	0.5	268	0.6
	Meghalaya	167	1	2.3	2.4	-0.1	35	0.0
	Mizoram	289	0	5.5	2.2	-0.1	40	0.0
	Nagaland	74	1	1.4	0.7	0.6	45	0.0
	Tripura	109	1	2.5	1.5	0.4	28	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.2	-3.8	-12.8
Day peak (MW)	388.0	-269.6	-642.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	131.7	-123.2	65.0	-70.3	-4.5	-1.2
Actual(MU)	140.5	-139.8	59.9	-61.8	-2.7	-3.9
O/D/U/D(MU)	8.7	-16.6	-5.1	8.6	1.8	-2.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4345	13619	3310	1665	393	23332
State Sector	11300	19445	9712	7830	50	48337
Total	15645	33064	13022	9495	443	71669

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	523	1116	557	359	0	2555
Hydro	114	32	61	46	17	270
Nuclear	34	26	51	0	0	111
Gas, Naptha & Diesel	54	56	17	0	23	151
RES (Wind, Solar, Biomass & Others)	11	21	89	1	0	122
Total	736	1252	775	406	40	3209

*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 : 14-Nov-17
Sl 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	211	0.0	6.0	-6.0
2		SASARAM-FATEHPUR	S/C	0	87	1.4	0.0	1.4
3		GAYA-BALIA	S/C	0	250	0.0	3.3	-3.3
4	HVDC	ALIPURDUAR-AGRA	-	0	170	0.0	3.8	-3.8
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	210	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	96	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	585	0.0	8.1	-8.1
9		PATNA-BALIA	Q/C	0	996	0.0	20.3	-20.3
10		BIHARSHARIFF-BALIA	D/C	0	124	0.0	0.8	-0.8
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	110	0.1	0.0	0.1
13	220 KV	PUSAULI-SAHUPURI	S/C	0	110	0.0	2.1	-2.1
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.8	0.0	0.8
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						6.1	50.5	-44.3
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	30	5.4	0.0	5.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	206	3.0	0.0	3.0
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	10	1.4	0.0	1.4
21		JHARSUGUDA-RAIGARH	S/C	0	45	1.7	0.0	1.7
22		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	0	4.9	0.0	4.9
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	54	0.4	0.0	0.4
26		BUDHIPADAR-KORBA	D/C	0	0	1.9	0.0	1.9
ER-WR						20.5	0.0	20.5
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.3	-20.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	323.9	0.0	11.4	-11.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2033.3	0.0	35.9	-35.9
30	400 KV	TALCHER-I/C	D/C	0.0	994.8	0.0	13.1	-13.1
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	67.6	-67.6
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1158	0.0	6.7	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	929	0.0	5.8	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
ER-NER						0.0	12.5	-12.5
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	15.6	-15.6
NER-NR						0.0	15.6	-15.6
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	17.2	-17.2
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1305	0.0	24.2	-24.2
39	765 KV	GWALIOR-AGRA	D/C	0	2914	0.0	36.7	-36.7
40		PHAGI-GWALIOR	D/C	0	1210	0.0	23.1	-23.1
41	400 KV	ZERDA-KANKROLI	S/C	350	0	5.7	0.0	5.7
42		ZERDA -BHINMAL	S/C	349	87	3.4	0.0	3.4
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	209	0	1	-1
45	220 KV	BADOD-KOTA	S/C	156	0	2.8	0.0	2.8
46		BADOD-MORAK	S/C	85	0	1.3	0.0	1.3
47		MEHGAON-AURAIYA	S/C	88	0	1.4	0.0	1.4
48		MALANPUR-AURAIYA	S/C	44	0	0.5	0.0	0.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						27.3	101.9	-74.6
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	400	0.0	9.6	-9.6
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	69	1164	0.0	13.2	-13.2
53		WARDHA-NIZAMABAD	D/C	0	1767	0.0	26.5	-26.5
54	400 KV	KOLHAPUR-KUDGI	D/C	532	0	0.0	0.0	0.0
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	2.0	0.0	2.0
WR-SR						2.0	49.3	-47.3
TRANSNATIONAL EXCHANGE								
58		BHUTAN						8.2
59		NEPAL						-3.8
60		BANGLADESH						-12.8