



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: 18th 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 17.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 17-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 17th 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

18-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40159	47443	39874	17655	2388	147519
Peak Shortage (MW)	802	23	0	270	71	1166
Energy Met (MU)	852	1094	897	327	40	3211
Hydro Gen(MU)	115	20	77	48	15	275
Wind Gen(MU)	16	55	12	-----	-----	83
Solar Gen (MU)*	2.61	13.12	31.40	0.45	0.01	48
Energy Shortage (MU)	10.0	0.4	0.0	0.8	0.6	11.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41060	49830	40709	18191	2535	148311

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	0.070	0.00	1.00	23.41	24.41	69.07	6.52

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	4884	0	93.1	22.2	-0.2	214	0.0
	Haryana	5802	300	112.2	68.8	10.9	392	0.1
	Rajasthan	10351	0	200.0	52.8	-0.6	354	0.0
	Delhi	3439	0	64.7	49.6	1.2	129	0.0
	UP	12172	600	276.8	106.2	-1.6	181	0.0
	Uttarakhand	1789	0	33.6	16.9	0.3	106	0.0
	HP	1451	8	26.5	18.6	1.1	136	0.1
	J&K	2007	502	42.2	35.1	0.1	170	9.8
WR	Chhattisgarh	171	0	3.1	3.5	-0.3	26	0.0
	Gujarat	3070	0	68.2	13.4	-0.3	179	0.4
	MP	14513	0	316.2	76.1	0.2	478	0.0
	Maharashtra	11878	0	240.2	168.3	-1.4	435	0.0
	Goa	20455	26	425.2	143.7	1.7	399	0.0
	DD	440	0	8.9	9.0	0.0	43	0.0
	DNH	315	0	7.1	6.3	0.7	80	0.0
	Essar steel	739	0	17.0	16.9	0.1	45	0.0
SR	Andhra Pradesh	523	0	11.3	11.4	-0.2	105	0.0
	Telangana	7855	0	167.8	66.8	5.7	419	0.0
	Karnataka	7455	0	157.6	72.0	-1.3	416	0.0
	Kerala	9565	0	205.2	91.0	0.9	485	0.0
	Tamil Nadu	3498	0	67.7	47.6	0.8	243	0.0
	Pondy	13756	0	292.9	152.7	4.7	464	0.0
ER	Bihar	321	0	6.2	7.2	-1.0	21	0.0
	DVC	4024	0	61.4	57.7	1.9	330	0.0
	Jharkhand	2773	0	60.4	-23.7	2.9	350	0.0
	Odisha	1204	0	23.3	13.3	-0.3	135	0.0
	West Bengal	3551	0	67.0	29.6	3.2	300	0.8
	Sikkim	7254	0	113.8	26.7	4.0	380	0.0
NER	Arunachal Pradesh	119	0	1.6	1.3	0.2	20	0.0
	Assam	136	8	2.2	2.0	0.2	43	0.0
	Manipur	1495	37	23.8	19.2	1.2	268	0.4
	Meghalaya	161	7	2.3	2.4	-0.1	35	0.0
	Mizoram	287	1	5.0	2.6	-0.2	40	0.0
	Nagaland	87	3	1.5	1.0	0.4	45	0.0
	Tripura	124	4	2.0	1.5	0.0	28	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	9.0	-4.3	-11.6
Day peak (MW)	355.2	-341.5	-620.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	131.1	-155.6	88.2	-63.0	-2.7	-2.0
Actual(MU)	124.4	-178.3	92.9	-43.7	-4.0	-8.7
O/D/U/D(MU)	-6.7	-22.8	4.7	19.3	-1.3	-6.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4645	13692	3310	2130	173	23950
State Sector	10600	18448	9952	7400	50	46450
Total	15245	32140	13262	9530	223	70400

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	524	1121	585	346	0	2576
Hydro	115	20	77	48	15	275
Nuclear	33	27	51	0	0	111
Gas, Naptha & Diesel	52	55	18	0	23	147
RES (Wind, Solar, Biomass & Others)	22	68	80	0	0	170
Total	747	1291	810	394	38	3279

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

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 18-Nov-17
								Import=(+ve) /Export =(-ve) for NET (MU)
Sl 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	231	0.0	4.4	-4.4
2		SASARAM-FATEHPUR	S/C	0	47	2.6	0.0	2.6
3		GAYA-BALIA	S/C	0	318	0.0	4.6	-4.6
4	HVDC	ALIPURDUAR-AGRA	-	0	173	0.0	7.3	-7.3
5		PUSAULI B/B	S/C	0	245	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	221	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	558	0.0	7.4	-7.4
9		PATNA-BALIA	Q/C	0	825	0.0	13.9	-13.9
10		BIHARSHARIFF-BALIA	D/C	0	210	0.0	2.4	-2.4
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	200	1.0	0.0	1.0
13	220 KV	PUSAULI-SAHUPURI	S/C	0	114	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						8.1	48.0	-39.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.1	0.0	12.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	153	8.0	0.0	8.0
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	5	2.9	0.0	2.9
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.0	0.0	3.0
22		IBEUL-RAIGARH	S/C	0	0	3.1	0.0	3.1
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	0	6.8	0.0	6.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	41	1.2	0.0	1.2
26		BUDHIPADAR-KORBA	D/C	0	0	2.3	0.0	2.3
ER-WR						39.4	0.0	39.4
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.6	-18.6
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	318.4	0.0	12.7	-12.7
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2015.6	0.0	48.0	-48.0
30	400 KV	TALCHER-I/C	D/C	0.0	739.8	0.0	5.7	-5.7
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	79.3	-79.3
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1114	0.0	4.2	-4
33		ALIPURDUAR-BONGAIGAON	D/C	0	920	0.0	0.9	-1
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
ER-NER						0.0	5.1	-5.1
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	0.0	10.0	-10.0
NER-NR						0.0	10.0	-10.0
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	800	0.0	12.7	-12.7
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1210	0.0	24.6	-24.6
39	765 KV	GWALIOR-AGRA	D/C	0	2442	0.0	44.6	-44.6
40		PHAGI-GWALIOR	D/C	0	1154	0.0	20.3	-20.3
41	400 KV	ZERDA-KANKROLI	S/C	196	76	2.8	0.0	2.8
42		ZERDA -BHINMAL	S/C	231	176	1.1	0.0	1.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	144	0	0	0
45		BADOD-KOTA	S/C	162	0	2.7	0.0	2.7
46	220 KV	BADOD-MORAK	S/C	94	0	1.2	0.0	1.2
47		MEHGAON-AURAIYA	S/C	78	0	1.4	0.0	1.4
48		MALANPUR-AURAIYA	S/C	30	0	0.4	0.0	0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						21.8	102.4	-80.7
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	1660	0.0	20.9	-20.9
53		WARDHA-NIZAMABAD	D/C	0	2143	0.0	30.8	-30.8
54	400 KV	KOLHAPUR-KUDGI	D/C	402	123	4.4	0.5	3.9
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						6.4	64.2	-57.9
TRANSNATIONAL EXCHANGE								
58		BHUTAN						9.0
59		NEPAL						-4.3
60		BANGLADESH						-11.6