



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: 19th 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 18.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18-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 18th November 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

19-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	39763	46796	38979	17509	2380	145427
Peak Shortage (MW)	552	12	0	300	62	926
Energy Met (MU)	832	1093	883	336	40	3184
Hydro Gen(MU)	112	20	70	44	16	263
Wind Gen(MU)	19	54	17	-----	-----	90
Solar Gen (MU)*	2.14	12.89	27.80	0.53	0.02	43
Energy Shortage (MU)	11.3	0.1	0.0	0.9	0.6	12.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	40219	49710	39789	18086	2433	146767

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	0.053	0.00	0.76	15.07	15.83	76.00	8.17

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	4821	0	91.6	23.5	-0.8	180	0.0
	Haryana	6423	99	110.8	69.2	9.5	196	0.1
	Rajasthan	10123	0	192.6	47.2	0.3	205	0.0
	Delhi	3186	0	60.3	45.2	-0.3	111	0.0
	UP	12246	0	273.4	96.8	-0.3	415	1.4
	Uttarakhand	1742	0	33.2	16.3	0.3	220	0.0
	HP	1418	0	26.1	18.5	0.9	106	0.1
	J&K	1912	478	40.8	34.8	-0.2	192	9.6
WR	Chhattisgarh	187	0	3.1	3.3	-0.2	7	0.0
	Gujarat	3325	0	68.9	16.4	-2.0	161	0.1
	MP	14903	0	314.5	70.9	0.5	375	0.0
	Maharashtra	9610	0	236.8	159.2	-4.0	319	0.0
	Goa	20906	14	427.8	149.3	2.7	379	0.1
	DD	442	0	9.0	8.9	0.1	51	0.0
	DNH	314	0	7.1	6.4	0.7	66	0.0
	Essar steel	768	0	17.2	17.1	0.1	49	0.0
SR	Andhra Pradesh	537	0	11.2	11.3	-0.1	141	0.0
	Telangana	7701	0	167.6	68.0	1.7	462	0.0
	Karnataka	7334	0	152.8	73.0	-1.2	308	0.0
	Kerala	9288	0	199.9	83.0	3.6	548	0.0
	Tamil Nadu	3402	0	68.4	48.2	0.9	168	0.0
	Pondy	13402	0	287.1	148.3	1.8	466	0.0
ER	Bihar	335	0	6.8	7.2	-0.4	22	0.0
	DVC	3870	0	63.3	60.0	1.3	280	0.0
	Jharkhand	2913	0	62.8	-25.6	1.3	274	0.0
	Odisha	1194	0	24.1	13.1	0.8	107	0.0
	West Bengal	3607	0	67.7	31.2	4.0	510	0.9
	Sikkim	7069	0	116.8	24.7	4.0	380	0.0
NER	Arunachal Pradesh	117	0	1.5	1.3	0.3	28	0.0
	Assam	123	2	2.1	1.9	0.1	43	0.0
	Manipur	1484	21	23.8	18.9	0.7	268	0.5
	Meghalaya	151	8	2.3	2.5	-0.2	35	0.0
	Mizoram	284	6	5.4	2.5	-0.2	40	0.0
	Nagaland	82	3	1.3	0.9	0.3	45	0.0
Tripura	116	8	2.0	1.5	0.0	28	0.0	
		205	4	3.5	2.1	1.1	57	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.9	-3.8	-13.4
Day peak (MW)	366.4	-318.6	-634.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	117.4	-152.7	87.5	-49.4	-2.9	-0.2
Actual(MU)	120.4	-168.1	92.8	-31.1	-2.9	11.1
O/D/U/D(MU)	3.0	-15.3	5.3	18.3	0.0	11.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4645	14269	3810	2130	173	25027
State Sector	10640	19130	9532	6285	50	45637
Total	15285	33399	13342	8415	223	70664

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	508	1124	574	348	0	2555
Hydro	112	20	70	44	16	263
Nuclear	33	27	51	0	0	111
Gas, Naptha & Diesel	60	57	19	0	23	158
RES (Wind, Solar, Biomass & Others)	24	66	85	1	0	176
Total	737	1295	798	393	39	3263

*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 : 19-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	91	0.0	1.2	-1.2
2		SASARAM-FATEHPUR	S/C	0	0	1.9	0.0	1.9
3		GAYA-BALIA	S/C	0	208	0.0	2.6	-2.6
4	HVDC	ALIPURDUAR-AGRA	-	0	169	0.0	4.9	-4.9
5		PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	231	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	89	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	409	0.0	4.4	-4.4
9		PATNA-BALIA	Q/C	0	815	0.0	16.3	-16.3
10		BIHARSHARIFF-BALIA	D/C	0	88	0.1	0.0	0.1
11		MOTIHARI-GORAKHPUR	D/C	0	0	11.4	0.0	11.4
12		BIHARSHARIFF-VARANASI	D/C	0	288	3.0	0.0	3.0
13	220 KV	PUSAULI-SAHUPURI	S/C	0	131	0.0	2.2	-2.2
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.9	0.0	0.9
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						17.2	37.7	-20.5
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.7	0.0	10.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	243	3.2	0.0	3.2
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	5	3.0	0.0	3.0
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.6	0.0	2.6
22		IBEUL-RAIGARH	S/C	0	0	2.7	0.0	2.7
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	30	4.8	0.0	4.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	0	1.4	0.0	1.4
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2
ER-WR						30.6	0.0	30.6
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.7	-17.7
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	265.2	0.0	10.4	-10.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2015.6	0.0	45.6	-45.6
30	400 KV	TALCHER-I/C	D/C	0.0	996.8	0.0	7.2	-7.2
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	73.6	-73.6
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1244	0.0	5.7	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	1007	0.0	0.9	-1
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
ER-NER						0.0	6.5	-6.5
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	12.5	-12.5
NER-NR						0.0	12.5	-12.5
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	525	0.0	8.3	-8.3
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1210	0.0	28.5	-28.5
39	765 KV	GWALIOR-AGRA	D/C	0	2150	0.0	41.6	-41.6
40		PHAGI-GWALIOR	D/C	0	1044	0.0	16.3	-16.3
41	400 KV	ZERDA-KANKROLI	S/C	252	0	3.7	0.0	3.7
42		ZERDA -BHINMAL	S/C	240	72	2.1	0.0	2.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	143	0	0	0
45		BADOD-KOTA	S/C	153	0	2.5	0.0	2.5
46	220 KV	BADOD-MORAK	S/C	76	0	0.9	0.0	0.9
47		MEHGAON-AURAIYA	S/C	75	0	1.4	0.0	1.4
48		MALANPUR-AURAIYA	S/C	35	0	0.5	0.0	0.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						23.2	94.9	-71.7
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	41	1646	0.0	20.8	-20.8
53		WARDHA-NIZAMABAD	D/C	0	2188	0.0	31.3	-31.3
54	400 KV	KOLHAPUR-KUDGI	D/C	457	64	3.3	0.3	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	2.0	0.0	2.0
WR-SR						5.3	64.4	-59.1
TRANSNATIONAL EXCHANGE								
58		BHUTAN						8.9
59		NEPAL						-3.8
60		BANGLADESH						-13.4