



National Load Despatch Centre
राष्ट्रीय भार प्रेषण केंद्र
POWER SYSTEM OPERATION CORPORATION LIMITED
पाँवर 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: 21st 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., डोंगतेह, 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 20.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 20-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 20th November 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

21-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40538	46787	38560	17623	2407	145915
Peak Shortage (MW)	492	23	0	600	81	1196
Energy Met (MU)	808	1087	866	336	40	3138
Hydro Gen(MU)	112	23	59	43	15	252
Wind Gen(MU)	4	65	20	-----	-----	89
Solar Gen (MU)*	0.92	12.15	31.90	0.63	0.03	46
Energy Shortage (MU)	9.9	0.0	0.0	1.8	0.6	12.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41428	49238	39584	17974	2416	147525

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	0.057	0.00	0.35	17.75	18.10	72.63	9.27

C. Power Supply Position in States

RegionRegion	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	4874	0	89.0	21.0	-0.3	139	0.0
	Haryana	6071	0	100.7	64.0	2.1	264	0.0
	Rajasthan	9919	1	190.0	53.0	3.7	392	0.0
	Delhi	3272	0	60.6	46.0	-0.6	147	0.0
	UP	12544	0	265.0	86.0	0.9	536	0.0
	Uttarakhand	1747	0	32.3	15.2	-0.1	119	0.0
	HP	1436	0	25.4	17.8	0.9	219	0.0
	J&K	1967	492	42.0	35.1	2.2	314	9.9
	Chandigarh	173	0	3.1	3.3	-0.2	28	0.0
	Chhattisgarh	3138	0	69.3	18.7	-0.4	210	0.0
WR	Gujarat	14564	0	313.2	86.2	-0.1	441	0.0
	MP	11670	0	234.1	148.0	-0.5	504	0.0
	Maharashtra	20585	0	427.7	146.6	2.8	415	0.0
	Goa	388	0	8.3	8.5	-0.3	79	0.0
	DD	325	0	7.1	6.2	0.8	99	0.0
	DNH	765	0	17.2	16.8	0.4	55	0.0
	Essar steel	472	0	10.1	10.2	-0.1	168	0.0
	Andhra Pradesh	8166	0	167.6	64.8	2.4	678	0.0
	Telangana	6652	0	141.8	69.6	-3.0	399	0.0
	Karnataka	8820	0	192.3	81.4	2.6	542	0.0
SR	Kerala	3231	0	65.7	50.6	0.9	200	0.0
	Tamil Nadu	13729	0	291.8	145.3	3.8	452	0.0
	Pondy	347	0	6.9	7.2	-0.3	45	0.0
	Bihar	3763	0	64.0	59.3	-0.9	370	0.0
	DVC	2765	0	65.1	-26.6	-1.5	100	0.0
ER	Jharkhand	1148	0	23.5	14.3	0.2	100	0.0
	Odisha	3504	600	64.5	33.0	2.9	500	1.8
	West Bengal	7438	0	117.8	26.7	3.0	390	0.0
	Sikkim	93	0	1.2	1.5	-0.3	15	0.0
	Arunachal Pradesh	122	2	2.3	2.0	0.3	43	0.0
NER	Assam	1471	44	22.8	18.8	-0.3	268	0.6
	Manipur	170	2	2.1	2.6	-0.4	35	0.0
	Meghalaya	294	0	5.3	2.6	-0.1	40	0.0
	Mizoram	87	1	1.4	1.0	0.3	45	0.0
	Nagaland	125	1	2.0	1.6	-0.1	28	0.0
Tripura	226	6	4.0	2.6	0.1	57	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.7	-4.7	-13.2
Day peak (MW)	361.1	-342.1	-637.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	121.4	-149.0	91.4	-66.5	-1.8	-4.5
Actual(MU)	119.3	-165.6	101.7	-59.3	-3.6	-7.6
O/D/U/D(MU)	-2.1	-16.6	10.3	7.2	-1.8	-3.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4845	13279	2530	1605	368	22626
State Sector	10540	19930	10402	6285	50	47207
Total	15385	33209	12932	7890	417	69833

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	500	1104	552	377	0	2533
Hydro	112	22	59	43	15	251
Nuclear	34	27	48	0	0	109
Gas, Naptha & Diesel	60	48	18	0	24	149
RES (Wind, Solar, Biomass & Others)	7	77	95	1	0	180
Total	713	1277	773	420	39	3222

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 21-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	134	1.3	0.0	1.3
2		SASARAM-FATEHPUR	S/C	0	70	1.5	0.0	1.5
3		GAYA-BALIA	S/C	0	181	0.0	2.3	-2.3
4	HVDC	ALIPURDUAR-AGRA	-	0	174	0.0	7.3	-7.3
5		PUSAULI B/B	S/C	0	248	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	226	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	92	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	460	0.0	4.8	-4.8
9		PATNA-BALIA	Q/C	0	906	0.0	16.7	-16.7
10		BIHARSHARIFF-BALIA	D/C	0	104	0.0	0.5	-0.5
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12	BIHARSHARIFF-VARANASI	D/C	0	278	2.2	0.0	2.2	
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						9.6	39.5	-29.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	14.2	0.0	14.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	447	1.1	0.0	1.1
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	5	2.0	0.0	2.0
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.2	0.0	2.2
22		IBEUL-RAIGARH	S/C	0	0	2.3	0.0	2.3
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	9	4.2	0.0	4.2
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	16	1.9	0.0	1.9
26		BUDHIPADAR-KORBA	D/C	0	0	2.4	0.0	2.4
ER-WR						30.1	0.0	30.1
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.3	-12.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	318.4	0.0	19.5	-19.5
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1839.4	0.0	48.9	-48.9
30	400 KV	TALCHER-I/C	D/C	0.0	1056.4	0.0	16.8	-16.8
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	80.7	-80.7
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1376	0.0	12.4	-12
33		ALIPURDUAR-BONGAIGAON	D/C	0	1115	0.0	3.7	-4
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
ER-NER						0.0	16.1	-16.1
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	14.5	-14.5
NER-NR						0.0	14.5	-14.5
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	18.3	-18.3
37		VCHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	909	0.0	20.4	-20.4
39	765 KV	GWALIOR-AGRA	D/C	0	1934	0.0	35.0	-35.0
40		PHAGI-GWALIOR	D/C	0	958	0.0	13.9	-13.9
41	400 KV	ZERDA-KANKROLI	S/C	292	0	3.0	0.0	3.0
42		ZERDA -BHINMAL	S/C	216	167	0.3	0.0	0.3
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	2	0	1	-1
45	220 KV	BADOD-KOTA	S/C	139	0	2.3	0.0	2.3
46		BADOD-MORAK	S/C	65	12	0.4	0.0	0.4
47		MEHGAON-AURAIYA	S/C	83	0	1.5	0.0	1.5
48		MALANPUR-AURAIYA	S/C	45	0	0.6	0.0	0.6
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						20.4	89.1	-68.8
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	1542	0.0	19.8	-19.8
53		WARDHA-NIZAMABAD	D/C	0	2017	0.0	32.7	-32.7
54	400 KV	KOLHAPUR-KUDGI	D/C	496	0	0.0	5.8	-5.8
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56	220 KV	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	70.3	-68.3
TRANSNATIONAL EXCHANGE								
58		BHUTAN						8.7
59		NEPAL						-4.7
60		BANGLADESH						-13.2