



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: 17th 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 16.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-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 16th 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

17-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	39681	47084	39308	17149	2368	145590
Peak Shortage (MW)	464	0	16	734	81	1295
Energy Met (MU)	844	1091	881	326	41	3183
Hydro Gen(MU)	112	20	72	43	16	264
Wind Gen(MU)	14	46	31	-----	-----	91
Solar Gen (MU)*	1.92	13.31	33.50	0.34	0.01	49
Energy Shortage (MU)	10.9	0.3	0.0	2.2	0.6	14.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41074	49070	40186	17489	2359	148022

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	0.049	0.00	0.38	12.58	12.96	74.32	12.72

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	4834	0	90.1	23.9	-0.6	131	0.0
	Haryana	5542	0	105.1	66.9	1.3	236	0.0
	Rajasthan	10469	0	207.4	61.3	0.1	201	0.0
	Delhi	3326	0	63.1	48.5	-0.8	239	0.0
	UP	12360	710	276.3	107.6	-0.3	137	1.4
	Uttarakhand	1802	0	33.9	16.2	0.7	153	0.0
	HP	1401	0	24.6	17.8	0.2	112	0.0
	J&K	1974	493	40.0	35.2	0.0	233	9.4
	Chandigarh	173	0	3.2	3.5	-0.3	10	0.0
	Chhattisgarh	3161	0	66.5	13.2	-1.7	179	0.0
WR	Gujarat	14456	0	314.8	85.6	-4.4	478	0.0
	MP	11590	0	237.1	168.4	0.6	435	0.0
	Maharashtra	20789	26	429.6	142.2	1.5	399	0.3
	Goa	423	0	8.9	8.7	0.2	43	0.0
	DD	314	0	7.1	6.5	0.6	80	0.0
	DNH	748	0	17.0	17.1	-0.1	45	0.0
	Essar steel	524	0	10.5	11.3	-0.8	105	0.0
	Andhra Pradesh	7682	0	163.5	65.0	1.3	381	0.0
	Telangana	7421	0	158.7	61.8	-1.0	432	0.0
	Karnataka	9449	0	202.5	85.3	2.8	429	0.0
SR	Kerala	3472	0	66.4	47.8	1.6	202	0.0
	Tamil Nadu	13601	0	283.4	142.2	4.8	409	0.0
	Pondy	316	0	6.6	7.2	-0.6	18	0.0
	Bihar	3598	200	64.0	54.3	4.1	345	0.9
	DVC	2719	0	60.1	-24.3	2.9	398	0.5
ER	Jharkhand	1100	64	21.9	11.2	0.4	135	0.2
	Odisha	3532	0	65.9	28.6	4.2	365	0.6
	West Bengal	6798	0	112.5	30.1	2.6	402	0.0
	Sikkim	110	0	1.5	1.3	0.1	20	0.0
	Arunachal Pradesh	134	8	2.2	2.0	0.2	43	0.0
NER	Assam	1457	32	23.8	18.8	1.5	268	0.3
	Manipur	167	5	2.3	2.5	-0.2	35	0.1
	Meghalaya	302	0	5.1	2.7	-0.1	40	0.0
	Mizoram	81	5	1.5	1.1	0.4	45	0.0
	Nagaland	119	6	2.0	1.6	0.0	28	0.0
	Tripura	208	9	3.6	2.3	-0.2	57	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.7	-4.5	-12.4
Day peak (MW)	391.7	-248.3	-624.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	142.2	-150.0	71.2	-62.9	-2.2	-1.7
Actual(MU)	130.4	-167.6	77.4	-43.8	-3.0	-6.6
O/D/U/D(MU)	-11.9	-17.6	6.2	19.1	-0.8	-4.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4345	13493	3310	2785	173	24106
State Sector	11050	18678	10782	7900	50	48460
Total	15395	32171	14092	10685	223	72566

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	515	1118	570	348	0	2552
Hydro	112	21	72	43	16	264
Nuclear	33	28	51	0	0	112
Gas, Naptha & Diesel	55	59	17	0	22	154
RES (Wind, Solar, Biomass & Others)	19	59	101	0	0	179
Total	735	1285	810	391	38	3259

*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 : 17-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	215	0.0	5.8	-5.8	
2		SASARAM-FATEHPUR	S/C	0	18	2.7	0.0	2.7	
3		GAYA-BALIA	S/C	0	292	0.0	4.7	-4.7	
4	HVDC	ALIPURDUAR-AGRA	-	0	173	0.0	7.2	-7.2	
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	220	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	97	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	570	0.0	7.4	-7.4	
9		PATNA-BALIA	Q/C	0	837	0.0	14.6	-14.6	
10		BIHARSHARIFF-BALIA	D/C	0	210	0.0	2.7	-2.7	
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9	
12	BIHARSHARIFF-VARANASI	D/C	0	215	0.8	0.0	0.8		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	107	0.0	1.7	-1.7	
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	8.2	50.0	-41.8
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.3	0.0	12.3	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	107	6.2	0.0	6.2	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	4.9	0.0	4.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.0	0.0	3.0	
22		IBEUL-RAIGARH	S/C	0	0	2.9	0.0	2.9	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	0	7.4	0.0	7.4	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	28	1.2	0.0	1.2	
26		BUDHIPADAR-KORBA	D/C	0	0	2.3	0.0	2.3	
						ER-WR	40.2	0.0	40.2
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.8	-15.8	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	262.5	0.0	12.2	-12.2	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2025.1	0.0	46.1	-46.1	
30	400 KV	TALCHER-I/C	D/C	0.0	839.1	0.0	8.2	-8.2	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	74.2	-74.2
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1202	0.0	5.6	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	986	0.0	2.4	-2	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0	
						ER-NER	0.0	8.0	-8.0
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	11.5	-11.5	
						NER-NR	0.0	11.5	-11.5
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	500	0.0	11.9	-11.9	
37		VCHAL B/B	D/C	500	0	12.2	0.0	12.2	
38		APL -MHG	D/C	0	708	0.0	17.0	-17.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2528	0.0	51.4	-51.4	
40		PHAGI-GWALIOR	D/C	0	1180	0.0	21.1	-21.1	
41	400 KV	ZERDA-KANKROLI	S/C	134	44	1.2	0.0	1.2	
42		ZERDA -BHINMAL	S/C	125	190	0.0	0.7	-0.7	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	282	0	0	0	
45	220 KV	BADOD-KOTA	S/C	140	0	2.5	0.0	2.5	
46		BADOD-MORAK	S/C	83	0	1.2	0.0	1.2	
47		MEHGAON-AURAIYA	S/C	77	0	1.4	0.0	1.4	
48		MALANPUR-AURAIYA	S/C	29	4	0.4	0.0	0.4	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	18.9	102.5	-83.7
Import/Export of WR (With SR)									
50	HVDC LINK	BHADRAWATI B/B	-	0	500	0.0	9.6	-9.6	
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	156	1482	0.0	14.3	-14.3	
53		WARDHA-NIZAMABAD	D/C	0	1799	0.0	24.0	-24.0	
54	400 KV	KOLHAPUR-KUDGI	D/C	372	38	3.9	0.0	3.9	
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	5.9	47.9	-42.0
TRANSNATIONAL EXCHANGE									
58		BHUTAN						8.7	
59		NEPAL						-4.5	
60		BANGLADESH						-12.4	