



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: 15th 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 14.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 14-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 14th 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

15-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40453	46909	38583	17581	2335	145861
Peak Shortage (MW)	515	0	75	160	56	806
Energy Met (MU)	836	1094	863	332	40	3165
Hydro Gen(MU)	109	30	79	46	16	281
Wind Gen(MU)	7	11	14	-----	-----	32
Solar Gen (MU)*	2.95	13.28	26.90	0.55	0.02	44
Energy Shortage (MU)	18.9	0.0	0.8	0.5	0.5	20.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41635	50095	39583	17590	2357	148075

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	0.16	1.31	20.21	21.68	69.81	8.51

C. Power Supply Position in States

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	4778	0	94.4	32.3	-1.4	427	0.0
	Haryana	5800	100	105.2	66.1	1.4	257	4.0
	Rajasthan	9928	23	203.1	55.4	2.4	310	2.8
	Delhi	3331	0	62.8	47.6	-0.6	148	0.0
	UP	12737	0	270.1	109.7	-0.3	262	2.9
	Uttarakhand	1762	0	33.2	15.4	0.7	176	0.0
	HP	1410	0	25.2	17.8	0.4	109	0.0
	J&K	1864	466	39.1	35.2	-0.7	120	9.2
	Chandigarh	173	0	3.2	3.2	-0.1	30	0.0
	Chhattisgarh	3114	0	68.9	14.3	-0.4	118	0.0
WR	Gujarat	14760	0	318.3	103.5	0.5	738	0.0
	MP	9605	0	238.5	171.8	-0.3	513	0.0
	Maharashtra	20643	0	425.5	145.1	1.3	375	0.0
	Goa	412	0	8.6	9.1	-0.5	43	0.0
	DD	320	0	7.2	6.8	0.4	35	0.0
	DNH	757	0	17.2	17.0	0.2	67	0.0
	Essar steel	479	0	9.8	9.8	-0.1	201	0.0
	Andhra Pradesh	7476	0	158.3	52.4	1.5	441	0.0
	Telangana	7303	0	154.3	63.7	-0.8	419	0.0
	Karnataka	9206	0	202.8	74.2	2.0	462	0.0
SR	Kerala	3471	75	66.1	47.4	1.3	227	0.8
	Tamil Nadu	13222	0	275.2	151.7	3.2	434	0.0
	Pondy	325	0	6.4	7.0	-0.6	30	0.0
	Bihar	3506	0	59.2	56.9	-3.1	220	0.0
	DVC	2633	0	57.5	-20.1	2.4	225	0.5
ER	Jharkhand	1043	0	22.4	13.4	0.9	85	0.0
	Odisha	3949	0	72.4	32.1	4.0	250	0.0
	West Bengal	7052	0	118.7	29.4	4.1	250	0.0
	Sikkim	106	0	1.6	1.5	0.1	15	0.0
	Arunachal Pradesh	124	3	2.3	1.9	0.5	43	0.0
NER	Assam	1436	19	22.8	16.8	2.2	268	0.4
	Manipur	167	2	2.1	2.4	-0.3	35	0.0
	Meghalaya	298	0	5.4	2.2	-0.1	40	0.0
	Mizoram	87	0	1.4	1.0	0.3	45	0.0
	Nagaland	112	0	2.3	1.4	0.4	28	0.0
Tripura	222	0	3.4	1.9	0.4	57	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.7	-4.9	-13.4
Day peak (MW)	365.2	-263.5	-654.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	139.0	-125.5	61.3	-66.7	-4.8	3.3
Actual(MU)	133.6	-135.5	61.9	-54.8	-2.6	2.5
O/D/U/D(MU)	-5.4	-10.0	0.6	11.9	2.2	-0.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4345	13355	3310	1915	143	23068
State Sector	10315	18838	9722	7400	50	46325
Total	14660	32193	13032	9315	193	69393

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	520	1122	579	364	0	2585
Hydro	109	30	79	46	16	281
Nuclear	33	28	51	0	0	112
Gas, Naptha & Diesel	54	56	17	0	22	150
RES (Wind, Solar, Biomass & Others)	12	24	79	1	0	116
Total	729	1261	805	411	39	3245

*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 :	15-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	193	0.0	4.6	-4.6	
2		SASARAM-FATEHPUR	S/C	0	0	2.7	0.0	2.7	
3		GAYA-BALIA	S/C	0	207	0.0	2.4	-2.4	
4	HVDC	ALIPURDUAR-AGRA	-	0	174	0.0	7.1	-7.1	
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1	
6	400 KV	PUSAULI-VARANASI	S/C	0	214	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	99	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	510	0.0	6.5	-6.5	
9		PATNA-BALIA	Q/C	0	996	0.0	19.0	-19.0	
10		BIHARSHARIFF-BALIA	D/C	0	88	0.0	0.1	-0.1	
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9	
12	BIHARSHARIFF-VARANASI	D/C	0	172	0.5	0.0	0.5		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	105	0.0	2.0	-2.0	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7	
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						7.8	47.7	-39.9	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.9	0.0	7.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	275	4.9	0.0	4.9	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	34	1.9	0.0	1.9	
21		JHARSUGUDA-RAIGARH	S/C	0	19	2.1	0.0	2.1	
22		IBEUL-RAIGARH	S/C	0	0	2.1	0.0	2.1	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	0	6.3	0.0	6.3	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	55	0.7	0.0	0.7	
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2	
ER-WR						28.2	0.0	28.2	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.1	-17.1	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	268.0	0.0	12.2	-12.2	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2507.9	0.0	41.5	-41.5	
30	400 KV	TALCHER-I/C	D/C	0.0	995.9	0.0	11.7	-11.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	70.8	-70.8	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1311	0.0	6.9	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1060	0.0	4.1	-4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0	
ER-NER						0.0	11.1	-11.1	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	702	0.0	14.2	-14.2	
NER-NR						0.0	14.2	-14.2	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	22.8	-22.8	
37		VCHAL B/B	D/C	500	0	12.1	0.0	12.1	
38		APL -MHG	D/C	0	1310	0.0	23.3	-23.3	
39	765 KV	GWALIOR-AGRA	D/C	0	2270	0.0	36.0	-36.0	
40		PHAGI-GWALIOR	D/C	0	1190	0.0	21.2	-21.2	
41	400 KV	ZERDA-KANKROLI	S/C	304	0	5.2	0.0	5.2	
42		ZERDA -BHINMAL	S/C	246	139	2.8	0.0	2.8	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	260	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	153	0	2.7	0.0	2.7	
46		BADOD-MORAK	S/C	81	0	1.3	0.0	1.3	
47		MEHGAON-AURAIYA	S/C	84	0	1.5	0.0	1.5	
48		MALANPUR-AURAIYA	S/C	39	0	0.5	0.0	0.5	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						26.0	104.5	-78.5	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	400	0.0	9.5	-9.5	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52		765 KV	SOLAPUR-RAICHUR	D/C	367	1231	0.0	8.4	-8.4
53	400 KV	WARDHA-NIZAMABAD	D/C	0	1743	0.0	21.0	-21.0	
54		KOLHAPUR-KUDGI	D/C	532	0	8.8	0.0	8.8	
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						10.8	38.8	-28.1	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						8.7	
59		NEPAL						-4.9	
60		BANGLADESH						-13.4	