



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: 4th 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 03.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-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 3rd 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

4-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	42022	46354	37444	18080	2351	146251
Peak Shortage (MW)	1585	215	0	0	88	1887
Energy Met (MU)	878	1079	834	334	42	3167
Hydro Gen(MU)	130	20	75	52	18	295
Wind Gen(MU)	5	29	39	-----	-----	73
Solar Gen (MU)*	3.36	15.09	32.00	0.74	0.03	51
Energy Shortage (MU)	13.0	1.2	2.0	0.0	0.7	16.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43054	47033	38707	18158	2351	148389

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	0.065	0.00	1.94	17.79	19.73	73.18	7.08

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	5310	0	96.8	41.8	-0.3	214	0.0
	Haryana	6487	0	117.9	67.4	2.2	204	0.0
	Rajasthan	10208	0	208.9	76.7	0.5	229	0.1
	Delhi	3593	0	69.0	59.2	1.5	377	0.0
	UP	13162	1130	284.6	104.5	2.3	512	3.4
	Uttarakhand	1743	0	34.3	14.0	1.8	250	0.2
	HP	1384	0	24.2	15.8	0.4	179	0.0
	J&K	1832	458	39.2	33.5	-0.7	102	9.2
WR	Chandigarh	180	0	3.3	3.7	-0.4	0	0.0
	Chhattisgarh	3352	0	70.6	18.2	-0.1	454	1.2
	Gujarat	14949	0	321.0	95.2	0.5	491	0.0
	MP	9919	0	233.2	163.0	-0.4	325	0.0
	Maharashtra	19178	0	412.6	125.6	-2.5	266	0.0
	Goa	442	0	8.9	9.0	-0.1	44	0.0
	DD	321	0	7.1	6.3	0.8	76	0.0
	DNH	718	0	16.2	16.0	0.2	52	0.0
SR	Essar steel	476	0	9.4	9.7	-0.2	147	0.0
	Andhra Pradesh	7484	0	161.7	53.6	2.3	451	0.0
	Telangana	7322	0	152.5	49.7	-2.6	310	0.0
	Karnataka	9017	0	192.7	74.8	3.9	618	2.0
	Kerala	3440	0	66.6	48.7	1.3	210	0.0
	Tamil Nadu	12450	0	253.9	148.9	4.9	632	0.0
	Pondy	319	0	6.3	6.7	-0.4	56	0.0
	ER	Bihar	3879	0	66.2	60.6	-1.9	30
DVC		3027	0	62.6	-23.4	3.0	300	0.0
Jharkhand		1033	0	22.2	14.1	-0.7	100	0.0
Odisha		4038	0	73.2	34.1	3.2	470	0.0
West Bengal		6573	0	108.5	23.9	2.6	535	0.0
NER	Sikkim	80	0	1.0	1.0	0.0	25	0.0
	Arunachal Pradesh	132	3	2.5	2.0	0.5	7	0.0
	Assam	1459	59	24.3	17.8	1.1	139	0.5
	Manipur	152	3	2.5	2.5	0.0	19	0.0
	Meghalaya	285	0	5.5	1.7	0.1	59	0.0
	Mizoram	81	1	1.3	1.3	0.0	15	0.0
	Nagaland	115	2	2.1	1.4	0.3	19	0.0
Tripura	199	13	3.5	2.0	-0.2	75	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	12.1	-3.0	-11.4
Day peak (MW)	551.1	-315.7	-614.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	173.0	-151.6	65.8	-80.2	-6.6	0.4
Actual(MU)	160.2	-159.7	74.2	-70.5	-7.0	-2.7
O/D/U/D(MU)	-12.8	-8.1	8.4	9.7	-0.4	-3.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3687	14429	3560	1395	160	23230
State Sector	12400	17198	12792	6215	50	48655
Total	16087	31627	16352	7610	209	71885

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	525	1147	515	373	10	2570
Hydro	130	21	75	52	18	296
Nuclear	33	16	51	0	0	100
Gas, Naptha & Diesel	40	58	19	0	24	142
RES (Wind, Solar, Biomass & Others)	11	45	104	1	0	160
Total	739	1287	765	426	52	3268

*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(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 4-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	275	0.0	8.4	-8.4
2		SASARAM-FATEHPUR	S/C	0	85	0.2	0.0	0.2
3		GAYA-BALIA	S/C	0	306	0.0	5.1	-5.1
4	HVDC	ALIPURDUAR-AGRA	-	0	284	0.0	10.7	-10.7
5		PUSAULI B/B	S/C	0	247	0.0	6.2	-6.2
6	400 KV	PUSAULI-VARANASI	S/C	0	212	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	109	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	641	0.0	11.1	-11.1
9		PATNA-BALIA	Q/C	0	1092	0.0	17.3	-17.3
10		BIHARSHARIFF-BALIA	D/C	0	230	0.0	4.1	-4.1
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12		BIHARSHARIFF-VARANASI	D/C	0	105	0.0	1.4	-1.4
13	220 KV	PUSAULI-SAHUPURI	S/C	0	147	0.0	2.8	-2.8
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						5.0	67.1	-62.1
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	102	4.1	0.0	4.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	215	4.7	0.0	4.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.4	0.0	2.4
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	2.8	0.0	2.8
24		RANCHI-SIPAT	D/C	0	0	6.2	0.0	6.2
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	46	0.4	0.1	0.3
26		BUDHIPADAR-KORBA	D/C	0	0	2.1	0.0	2.1
ER-WR						28.1	0.1	28.0
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.7	-14.7
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	298.0	0.0	12.6	-12.6
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2015.6	0.0	41.5	-41.5
30	400 KV	TALCHER-I/C	D/C	0.0	767.4	0.0	9.2	-9.2
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	68.8	-68.8
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1209	0.0	5.6	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	1012	0.0	1.4	-1
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.2	-1
ER-NER						0.0	8.2	-8.2
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.5	-16.5
NER-NR						0.0	16.5	-16.5
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	500	0.0	11.9	-11.9
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	743	0.0	16.9	-16.9
39	765 KV	GWALIOR-AGRA	D/C	0	2548	0.0	45.4	-45.4
40		PHAGI-GWALIOR	D/C	0	1274	0.0	22.5	-22.5
41	400 KV	ZERDA-KANKROLI	S/C	114	114	0.0	0.1	-0.1
42		ZERDA -BHINMAL	S/C	4	328	0.0	3.0	-3.0
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	419	0	3	-3
45		BADOD-KOTA	S/C	108	0	1.6	0.0	1.6
46	220 KV	BADOD-MORAK	S/C	37	22	2.8	1.1	1.7
47		MEHGAON-AURAIYA	S/C	71	0	1.2	0.0	1.2
48		MALANPUR-AURAIYA	S/C	27	0	0.3	0.0	0.3
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						18.1	103.6	-85.5
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	16.0	-16.0
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	34	1306	0.0	15.1	-15.1
53		WARDHA-NIZAMABAD	D/C	0	1368	0.0	18.2	-18.2
54	400 KV	KOLHAPUR-KUDGI	D/C	338	98	2.1	0.5	1.7
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						4.1	49.7	-45.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						12.1
59		NEPAL						-3.0
60		BANGLADESH						-11.4