



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: 13th 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 12.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-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 12th 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

13-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	38658	44934	34685	16755	2246	137277
Peak Shortage (MW)	477	22	0	237	109	845
Energy Met (MU)	825	1110	791	318	39	3084
Hydro Gen(MU)	123	21	40	42	16	243
Wind Gen(MU)	8	8	14	-----	-----	30
Solar Gen (MU)*	2.79	14.48	30.00	0.68	0.03	48
Energy Shortage (MU)	9.5	0.0	0.0	0.7	0.7	10.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	39456	48897	38446	17517	2459	140007

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	0.047	0.00	0.52	11.57	12.09	79.78	8.13

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	5766	0	109.2	42.2	0.7	706	0.0
	Haryana	5074	0	94.1	64.7	0.5	175	0.0
	Rajasthan	10412	0	202.5	55.5	1.6	320	0.0
	Delhi	3133	0	57.4	42.0	-1.0	206	0.0
	UP	12610	0	273.5	101.7	-0.2	556	0.0
	Uttarakhand	1614	0	31.0	13.2	0.5	137	0.0
	HP	683	0	14.6	16.3	-8.4	34	0.0
	J&K	1908	477	40.2	35.1	-0.4	101	9.5
WR	Chhattisgarh	2837	0	66.7	6.6	-1.7	175	0.0
	Gujarat	14393	0	311.4	93.2	-0.1	489	0.0
	MP	11471	0	278.5	167.2	0.5	372	0.0
	Maharashtra	19809	0	411.8	129.2	3.4	513	0.0
	Goa	394	0	8.4	8.1	0.3	74	0.0
	DD	292	0	6.8	6.2	0.6	40	0.0
	DNH	744	0	16.9	16.5	0.4	45	0.0
	Essar steel	493	0	10.0	9.8	0.1	161	0.0
SR	Andhra Pradesh	7340	0	154.3	53.3	-0.1	416	0.0
	Telangana	6837	0	145.4	60.6	-0.6	465	0.0
	Karnataka	8292	0	175.9	81.3	2.2	404	0.0
	Kerala	3128	0	60.8	49.6	0.6	168	0.0
	Tamil Nadu	11340	0	249.1	126.7	2.2	338	0.0
	Pondy	273	0	5.6	6.3	-0.7	9	0.0
ER	Bihar	3560	0	61.7	56.7	-0.2	130	0.0
	DVC	2719	0	59.9	-22.2	1.5	400	0.0
	Jharkhand	908	0	20.8	15.2	1.4	120	0.7
	Odisha	3884	0	68.0	32.5	2.7	280	0.0
	West Bengal	6252	0	106.3	25.0	-0.2	200	0.0
NER	Sikkim	79	0	1.1	0.9	0.2	30	0.0
	Arunachal Pradesh	108	18	2.5	2.0	0.5	43	0.0
	Assam	1345	148	22.1	16.4	1.3	268	0.5
	Manipur	139	15	2.3	2.6	-0.3	35	0.0
	Meghalaya	283	1	5.1	2.6	0.0	40	0.0
	Mizoram	86	1	1.4	1.2	0.1	45	0.0
	Nagaland	105	10	2.4	1.7	0.2	28	0.0
Tripura	222	4	3.5	1.9	0.8	57	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.4	-2.2	-10.3
Day peak (MW)	456.7	-256.6	-637.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	131.2	-136.0	75.3	-67.1	-4.4	-1.0
Actual(MU)	128.6	-148.4	75.5	-56.2	-3.4	-4.0
O/D/U/D(MU)	-2.6	-12.5	0.2	10.9	1.0	-2.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4345	15414	3810	1665	393	25627
State Sector	13480	17928	10412	7330	50	49200
Total	17825	33342	14222	8995	443	74827

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	498	1180	531	352	0	2562
Hydro	123	21	40	42	16	243
Nuclear	34	26	51	0	0	111
Gas, Naptha & Diesel	57	56	17	0	24	154
RES (Wind, Solar, Biomass & Others)	13	23	82	1	0	120
Total	725	1307	722	395	40	3188

*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 : 13-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	190	0.0	5.6	-5.6
2		SASARAM-FATEHPUR	S/C	0	67	1.4	0.0	1.4
3		GAYA-BALIA	S/C	0	238	0.0	3.6	-3.6
4	HVDC	ALIPURDUAR-AGRA	-	0	337	0.0	7.1	-7.1
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	212	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	96	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	524	0.0	8.4	-8.4
9		PATNA-BALIA	Q/C	0	982	0.0	20.0	-20.0
10		BIHARSHARIFF-BALIA	D/C	0	135	0.0	1.6	-1.6
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.7	0.0	3.7
12		BIHARSHARIFF-VARANASI	D/C	0	202	0.5	0.0	0.5
13	220 KV	PUSAULI-SAHUPURI	S/C	0	103	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	0.8	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						6.4	54.0	-47.6
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.3	0.0	9.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	151	4.0	0.0	4.0
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.5	0.0	2.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.2	0.0	3.2
22		IBEUL-RAIGARH	S/C	0	0	3.3	0.0	3.3
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	0	5.6	0.0	5.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	13	0.9	0.0	0.9
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2
ER-WR						31.1	0.0	31.1
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.2	-20.2
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	268.0	0.0	12.3	-12.3
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2314.3	0.0	40.1	-40.1
30	400 KV	TALCHER-I/C	D/C	0.0	787.4	0.0	12.6	-12.6
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	72.6	-72.6
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1084	0.0	7.1	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	887	0.0	4.3	-4
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.5	-1
ER-NER						0.0	11.9	-11.9
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	15.8	-15.8
NER-NR						0.0	15.8	-15.8
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	500	0.0	11.8	-11.8
37		V'CHAL B/B	D/C	500	0	10.0	0.0	10.0
38		APL -MHG	D/C	0	507	0.0	12.2	-12.2
39	765 KV	GWALIOR-AGRA	D/C	0	2220	0.0	41.2	-41.2
40		PHAGI-GWALIOR	D/C	0	1310	0.0	23.7	-23.7
41	400 KV	ZERDA-KANKROLI	S/C	239	0	3.8	0.0	3.8
42		ZERDA -BHINMAL	S/C	208	53	1.5	0.0	1.5
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	66	234	0	1	-1
45	220 KV	BADOD-KOTA	S/C	137	0	2.5	0.0	2.5
46		BADOD-MORAK	S/C	65	0	1.0	0.0	1.0
47		MEHGAON-AURAIYA	S/C	68	0	1.4	0.0	1.4
48		MALANPUR-AURAIYA	S/C	32	0	0.5	0.0	0.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						20.6	89.5	-68.9
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	400	0.0	8.7	-8.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1067	0.0	16.6	-16.6
53		WARDHA-NIZAMABAD	D/C	0	1694	0.0	29.2	-29.2
54	400 KV	KOLHAPUR-KUDGI	D/C	367	0	3.9	0.0	3.9
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						5.9	54.5	-48.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						8.4
59		NEPAL						-2.2
60		BANGLADESH						-10.3