



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: 11th 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 11.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10-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 10th November 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

11-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40598	47177	38187	17952	2403	146318
Peak Shortage (MW)	1289	11	15	0	71	1387
Energy Met (MU)	871	1112	852	335	43	3212
Hydro Gen(MU)	119	32	69	45	16	281
Wind Gen(MU)	5	11	13	-----	-----	30
Solar Gen (MU)*	0.69	14.39	35.70	0.68	0.03	51
Energy Shortage (MU)	13.4	0.1	0.0	0.0	0.5	14.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41997	49660	39161	17943	2343	148272

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	0.061	0.00	1.24	17.06	18.30	75.32	6.38

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	5315	0	102.1	37.9	-0.1	180	0.0
	Haryana	5989	0	113.9	63.2	1.0	196	0.0
	Rajasthan	10852	0	210.2	64.2	1.5	205	0.6
	Delhi	3516	0	64.5	47.8	-1.2	111	0.0
	UP	12306	0	277.7	103.2	-0.4	415	3.2
	Uttarakhand	1771	0	33.7	16.2	-0.4	220	0.0
	HP	1362	0	24.5	16.8	0.2	106	0.0
	J&K	1905	476	40.6	35.3	1.1	192	9.6
WR	Chhattisgarh	3246	0	69.3	14.3	-1.2	335	0.1
	Gujarat	15232	0	328.6	95.9	0.5	410	0.0
	MP	9715	0	237.6	171.3	0.9	470	0.0
	Maharashtra	20549	0	433.0	135.1	2.5	418	0.0
	Goa	447	0	9.5	9.6	-0.1	55	0.0
	DD	331	0	7.3	6.6	0.7	82	0.0
	DNH	746	0	17.1	16.4	0.6	59	0.0
	Essar steel	452	0	9.9	8.8	1.1	212	0.0
SR	Andhra Pradesh	7473	0	160.3	46.3	0.2	375	0.0
	Telangana	7514	0	158.6	56.7	-1.3	262	0.0
	Karnataka	8944	0	190.6	74.7	4.0	665	0.0
	Kerala	3481	0	66.2	47.2	1.0	202	0.0
	Tamil Nadu	12921	0	270.2	130.3	3.2	484	0.0
	Pondy	328	0	6.4	6.9	-0.5	20	0.0
ER	Bihar	3690	0	65.3	61.7	0.4	40	0.0
	DVC	3012	0	57.2	-21.8	1.3	480	0.0
	Jharkhand	1035	0	22.2	15.5	0.7	410	0.0
	Odisha	3684	0	70.2	32.5	2.1	380	0.0
	West Bengal	7311	0	118.4	33.1	2.3	511	0.0
NER	Sikkim	107	0	1.3	1.6	-0.3	7	0.0
	Arunachal Pradesh	120	6	2.5	2.1	0.4	43	0.0
	Assam	1475	10	24.6	18.7	1.1	268	0.4
	Manipur	155	4	2.5	2.4	0.0	35	0.1
	Meghalaya	295	6	5.6	2.0	0.1	40	0.0
	Mizoram	81	4	1.6	1.3	0.3	45	0.0
NER	Nagaland	119	2	2.5	1.6	0.3	28	0.0
	Tripura	220	3	3.4	2.1	0.3	57	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.8	-3.0	-11.4
Day peak (MW)	454.0	-290.1	-657.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	139.1	-137.6	59.5	-54.5	-4.8	1.7
Actual(MU)	112.9	-141.0	63.3	-44.3	-3.3	-12.4
O/D/U/D(MU)	-26.2	-3.4	3.8	10.2	1.5	-14.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4135	15144	4060	2345	143	25827
State Sector	10430	17002	8492	7540	50	43514
Total	14565	32146	12552	9885	193	69341

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	544	1148	568	348	0	2609
Hydro	119	32	69	45	16	281
Nuclear	33	21	51	0	0	105
Gas, Naptha & Diesel	69	67	17	0	23	176
RES (Wind, Solar, Biomass & Others)	9	26	90	1	0	125
Total	773	1293	795	394	40	3295

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(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 : 11-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	144	0.0	3.4	-3.4
2		SASARAM-FATEHPUR	S/C	0	47	1.7	0.0	1.7
3		GAYA-BALIA	S/C	0	194	0.0	2.6	-2.6
4	HVDC	ALIPURDUAR-AGRA	-	0	166	0.0	7.5	-7.5
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	215	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	88	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	565	0.0	7.9	-7.9
9		PATNA-BALIA	Q/C	0	899	0.0	16.7	-16.7
10		BIHARSHARIFF-BALIA	D/C	0	145	0.0	1.3	-1.3
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	110	1.0	0.0	1.0
13	220 KV	PUSAULI-SAHUPURI	S/C	0	118	0.0	2.2	-2.2
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.9	0.0	0.9
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						7.4	47.5	-40.1
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	205	4.5	0.0	4.5
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	10	2.8	0.0	2.8
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.4	0.0	3.4
22		IBEUL-RAIGARH	S/C	0	0	3.4	0.0	3.4
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	0	3.8	0.0	3.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	6	0.0	3.8	-3.8
26		BUDHIPADAR-KORBA	D/C	0	0	0.0	0.0	0.0
ER-WR						30.1	3.8	26.3
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.1	-16.1
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	385.2	0.0	11.3	-11.3
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2052.4	0.0	42.2	-42.2
30	400 KV	TALCHER-I/C	D/C	0.0	982.2	0.0	6.4	-6.4
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	69.6	-69.6
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1267	0.0	4.2	-4
33		ALIPURDUAR-BONGAIGAON	D/C	0	1039	0.0	0.7	-1
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.0	-1
ER-NER						0.0	6.0	-6.0
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	11.8	-11.8
NER-NR						0.0	11.8	-11.8
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	11.4	-11.4
37		V'CHAL B/B	D/C	500	0	12.1	0.0	12.1
38		APL -MHG	D/C	0	1211	0.0	23.1	-23.1
39	765 KV	GWALIOR-AGRA	D/C	0	2386	0.0	41.2	-41.2
40		PHAGI-GWALIOR	D/C	0	992	0.0	19.9	-19.9
41	400 KV	ZERDA-KANKROLI	S/C	355	0	5.4	0.0	5.4
42		ZERDA -BHINMAL	S/C	259	99	2.5	0.0	2.5
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	281	0	1	-1
45	220 KV	BADOD-KOTA	S/C	165	0	2.9	0.0	2.9
46		BADOD-MORAK	S/C	92	0	1.4	0.0	1.4
47		MEHGAON-AURAIYA	S/C	107	0	2.0	0.0	2.0
48		MALANPUR-AURAIYA	S/C	65	0	1.0	0.0	1.0
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						27.2	96.9	-69.7
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	9.3	-9.3
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	336	1179	0.0	11.4	-11.4
53		WARDHA-NIZAMABAD	D/C	0	1881	0.0	24.0	-24.0
54	400 KV	KOLHAPUR-KUDGI	D/C	444	0	6.1	0.0	6.1
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						8.1	44.7	-36.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						8.8
59		NEPAL						-3.0
60		BANGLADESH						-11.4