



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: 3rd 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 02.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02-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 2nd 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

3-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41662	46353	37745	17330	2356	145446
Peak Shortage (MW)	1378	127	775	0	96	2376
Energy Met (MU)	880	1080	823	327	41	3151
Hydro Gen(MU)	131	23	76	54	18	301
Wind Gen(MU)	4	16	20	-----	-----	40
Solar Gen (MU)*	3.42	15.12	32.10	0.76	0.03	51
Energy Shortage (MU)	14.8	0.1	2.7	0.0	0.8	18.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42624	48506	38777	17729	2318	147563

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	0.089	0.13	3.87	23.96	27.95	67.58	4.47

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	5326	0	103.6	42.8	-0.3	174	0.0
	Haryana	6426	0	119.9	72.4	0.7	218	0.0
	Rajasthan	9695	223	204.3	71.3	3.7	427	3.3
	Delhi	3681	0	69.1	59.5	0.7	224	0.0
	UP	12918	0	282.8	101.3	0.3	371	2.4
	Uttarakhand	1741	0	34.1	14.3	0.7	154	0.0
	HP	1326	0	24.0	16.2	-0.3	80	0.0
	J&K	1821	455	38.6	32.8	-0.4	159	9.1
	Chandigarh	177	0	3.3	3.7	-0.5	8	0.0
	Chhattisgarh	3395	0	72.0	13.4	-1.5	160	0.1
WR	Gujarat	14701	0	316.2	93.3	4.6	707	0.0
	MP	9860	0	231.3	161.0	2.5	647	0.0
	Maharashtra	19834	0	419.2	136.7	1.8	407	0.0
	Goa	463	0	9.2	9.1	0.1	51	0.0
	DD	316	0	7.0	6.3	0.7	68	0.0
	DNH	750	0	16.9	16.2	0.7	68	0.0
	Essar steel	432	0	7.9	8.9	-1.0	335	0.0
	Andhra Pradesh	7372	0	159.0	58.1	0.8	386	0.0
SR	Telangana	7202	0	151.7	53.0	-4.2	336	0.0
	Karnataka	8252	0	182.7	73.1	4.1	861	2.7
	Kerala	3267	0	65.6	49.4	0.4	217	0.0
	Tamil Nadu	12911	0	257.3	158.8	1.6	642	0.0
	Pondy	318	0	6.3	6.7	-0.4	25	0.0
ER	Bihar	3836	0	67.0	57.4	1.6	110	0.0
	DVC	2967	0	62.8	-22.3	4.3	310	0.0
	Jharkhand	946	0	20.6	14.5	-0.3	80	0.0
	Odisha	3951	0	70.7	32.3	1.6	420	0.0
	West Bengal	6433	0	104.8	22.4	1.6	370	0.0
	Sikkim	101	0	1.1	1.0	0.1	25	0.0
NER	Arunachal Pradesh	121	2	2.4	2.1	0.2	7	0.0
	Assam	1481	25	23.9	17.9	0.6	139	0.7
	Manipur	155	1	2.7	2.5	0.2	19	0.0
	Meghalaya	273	0	5.3	2.3	0.0	59	0.0
	Mizoram	86	1	1.4	1.3	0.0	15	0.0
	Nagaland	114	1	1.9	1.4	0.0	19	0.0
	Tripura	206	5	3.4	2.2	-0.4	75	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	12.9	-3.5	-12.9
Day peak (MW)	577.3	-329.0	-615.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	157.7	-151.7	75.7	-77.6	-5.4	-1.3
Actual(MU)	155.6	-159.5	72.2	-66.8	-6.8	-5.3
O/D/U/D(MU)	-2.1	-7.7	-3.5	10.8	-1.4	-4.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3687	12929	3560	1395	185	21755
State Sector	12460	16168	11472	6425	50	46575
Total	16147	29097	15032	7820	234	68330

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	534	1154	527	348	9	2573
Hydro	131	24	75	54	18	302
Nuclear	33	16	51	0	0	99
Gas, Naptha & Diesel	39	59	19	0	24	142
RES (Wind, Solar, Biomass & Others)	11	31	86	1	0	128
Total	748	1283	758	403	51	3244

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिचालन)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(ग्रिडिंग)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 3-Nov-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	Import-(+ve) /Export =(-ve) for NET (MU)
								NET (MU)
Import/Export of ER (With NR)								
1	765KV	GAYA-VARANASI	D/C	0	276	0.0	8.5	-8.5
2		SASARAM-FATEHPUR	S/C	0	146	0.5	0.0	0.5
3		GAYA-BALIA	S/C	0	283	0.0	4.8	-4.8
4	HVDC	ALIPURDUAR-AGRA	-	0	309	0.0	8.2	-8.2
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	206	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	104	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	702	0.0	11.0	-11.0
9		PATNA-BALIA	Q/C	0	870	0.0	15.7	-15.7
10		BIHARSHARIFF-BALIA	D/C	0	222	0.0	3.3	-3.3
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9
12	BIHARSHARIFF-VARANASI	D/C	0	63	0.0	1.0	-1.0	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	131	0.0	2.9	-2.9
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						5.1	61.4	-56.3
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	17	4.0	0.0	4.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	168	3.1	0.0	3.1
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.2	0.0	2.2
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	2.6	0.0	2.6
24		RANCHI-SIPAT	D/C	0	0	5.1	0.0	5.1
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	45	0.0	0.4	-0.4
26		BUDHIPADAR-KORBA	D/C	0	0	2.1	0.0	2.1
ER-WR						24.4	0.4	24.0
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.5	-17.5
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	298.0	0.0	12.8	-12.8
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2212.0	0.0	40.0	-40.0
30	400 KV	TALCHER-I/C	D/C	0.0	829.6	0.0	9.9	-9.9
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	70.2	-70.2
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1103	0.0	5.5	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	913	0.0	2.1	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1
ER-NER						0.0	8.9	-8.9
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.7	-16.7
NER-NR						0.0	16.7	-16.7
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	15.9	-15.9
37		VCHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	809	0.0	17.5	-17.5
39	765 KV	GWALIOR-AGRA	D/C	0	2548	0.0	42.4	-42.4
40		PHAGI-GWALIOR	D/C	0	1318	0.0	24.7	-24.7
41	400 KV	ZERDA-KANKROLI	S/C	135	79	1.0	0.0	1.0
42		ZERDA -BHINMAL	S/C	67	235	0.0	1.5	-1.5
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	333	0	2	-2
45	220 KV	BADOD-KOTA	S/C	123	0	2.0	0.0	2.0
46		BADOD-MORAK	S/C	54	4	0.6	0.0	0.6
47		MEHGAON-AURAIYA	S/C	72	0	1.2	0.0	1.2
48		MALANPUR-AURAIYA	S/C	34	4	0.3	0.0	0.3
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						17.2	104.2	-87.0
Import/Export of WR (With SR)								
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	20.7	-20.7
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1038	0.0	15.2	-15.2
53		WARDHA-NIZAMABAD	D/C	0	1248	0.0	19.8	-19.8
54	400 KV	KOLHAPUR-KUDGI	D/C	475	0	7.0	0.0	7.0
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						9.0	55.7	-46.7
TRANSNATIONAL EXCHANGE								
58		BHUTAN						12.9
59		NEPAL						-3.5
60		BANGLADESH						-12.9