



National Load Despatch Centre
राष्ट्रीय भार प्रेषण केंद्र
POWER SYSTEM OPERATION CORPORATION LIMITED
पाँवर 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: 25th 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 24.11.2017.

महोदय/Dear Sir,

आईईसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-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 24th 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 25-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40573	46382	39388	16705	2364	145413
Peak Shortage (MW)	501	0	0	0	52	553
Energy Met (MU)	839	1072	914	315	40	3180
Hydro Gen(MU)	99	19	70	33	15	236
Wind Gen(MU)	2	18	14	-----	-----	35
Solar Gen (MU)*	3.44	16.46	32.40	0.73	0.02	53
Energy Shortage (MU)	13.0	0.3	0.0	0.0	0.5	13.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41937	49166	40384	16889	2359	147351

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	0.045	0.00	0.34	11.25	11.59	76.22	12.20

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	5209	0	96.0	22.8	0.8	159	0.0
	Haryana	6031	0	111.9	67.2	1.3	175	0.0
	Rajasthan	10741	0	198.7	65.5	1.2	366	0.0
	Delhi	3541	0	61.5	44.4	-0.6	225	0.0
	UP	11813	0	265.1	81.9	0.8	593	3.1
	Uttarakhand	1838	0	33.8	17.1	0.6	147	0.0
	HP	1480	0	26.5	20.4	0.3	100	0.0
	J&K	2004	501	42.0	38.6	-1.2	69	9.9
	Chandigarh	184	0	3.2	3.2	-0.1	14	0.0
	Chhattisgarh	3327	0	68.9	10.5	-0.8	238	0.3
WR	Gujarat	14004	0	307.9	94.2	1.5	556	0.0
	MP	11529	0	230.0	160.1	0.1	439	0.0
	Maharashtra	20352	0	421.3	151.8	0.1	306	0.0
	Goa	444	0	9.7	9.2	-0.1	41	0.0
	DD	324	0	7.2	6.2	1.0	96	0.0
	DNH	747	0	17.4	16.3	1.0	76	0.0
	Essar steel	467	0	9.9	10.0	-0.1	190	0.0
SR	Andhra Pradesh	7831	0	168.1	70.2	1.0	409	0.0
	Telangana	6963	0	149.2	63.8	-1.7	289	0.0
	Karnataka	9688	0	215.1	90.0	6.5	581	0.0
	Kerala	3593	0	69.1	53.7	1.2	220	0.0
	Tamil Nadu	14561	0	305.8	172.5	6.1	768	0.0
	Pondy	340	0	7.1	7.6	-0.5	18	0.0
ER	Bihar	3332	0	59.3	52.5	0.8	356	0.0
	DVC	2851	0	65.6	-30.6	-0.8	305	0.0
	Jharkhand	1076	0	22.8	14.5	-1.2	118	0.0
	Odisha	3540	0	63.4	32.6	1.7	345	0.0
	West Bengal	6350	0	102.5	19.0	1.8	398	0.0
NER	Sikkim	106	0	1.6	1.6	0.1	20	0.0
	Arunachal Pradesh	121	5	2.2	1.8	0.4	43	0.1
	Assam	1451	18	23.7	18.3	1.7	268	0.3
	Manipur	162	6	2.2	2.5	-0.3	35	0.1
	Meghalaya	311	0	5.4	2.9	-0.2	40	0.0
	Mizoram	83	3	1.4	0.8	0.5	45	0.1
	Nagaland	95	8	2.0	1.5	0.0	28	0.0
	Tripura	212	2	3.3	1.5	-0.1	57	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.3	-4.9	-10.3
Day peak (MW)	404.2	-267.5	-588.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	162.8	-153.4	81.1	-91.5	-1.3	-2.3
Actual(MU)	148.9	-152.7	91.0	-85.9	-0.4	0.9
O/D/U/D(MU)	-13.9	0.7	9.9	5.6	0.9	3.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5545	15587	2310	2205	415	26061
State Sector	9850	18660	10072	6340	50	44972
Total	15395	34247	12382	8545	464	71033

G. Sourcwise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	505	1126	584	388	0	2603
Hydro	99	19	70	33	15	236
Nuclear	34	27	66	0	0	127
Gas, Naptha & Diesel	59	53	16	0	23	151
RES (Wind, Solar, Biomass & Others)	8	35	91	1	0	135
Total	704	1260	827	421	39	3252

*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-के०वि०शा०(वि०प्र०)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	25-Nov-17
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	184	0.0	4.6	-4.6	
2		SASARAM-FATEHPUR	S/C	0	180	0.2	0.0	0.2	
3		GAYA-BALIA	S/C	0	283	0.0	4.8	-4.8	
4	HVDC	ALIPURDUAR-AGRA	-	0	167	0.0	7.5	-7.5	
5		PUSAULI B/B	S/C	0	249	0.0	6.1	-6.1	
6	400 KV	PUSAULI-VARANASI	S/C	0	222	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	134	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	619	0.0	7.8	-7.8	
9		PATNA-BALIA	Q/C	0	1062	0.0	18.0	-18.0	
10		BIHARSHARIFF-BALIA	D/C	0	214	0.0	3.1	-3.1	
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.5	0.0	3.5	
12	BIHARSHARIFF-VARANASI	D/C	0	297	0.0	0.3	-0.3		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	111	0.0	2.1	-2.1	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.4	0.0	0.4	
15		GARWAH-RIHAND	S/C	0	0	0.0	0.0	0.0	
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						4.0	54.2	-50.2	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	131	8.8	0.0	8.8	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	480	0.0	0.6	-0.6	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	37	2.6	0.0	2.6	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.9	0.0	1.9	
22		IBEUL-RAIGARH	S/C	0	0	1.8	0.0	1.8	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24	220 KV	RANCHI-SIPAT	D/C	0	46	1.8	0.0	1.8	
25		BUDHIPADAR-RAIGARH	S/C	0	36	1.1	0.0	1.1	
26		BUDHIPADAR-KORBA	D/C	0	0	1.4	0.0	1.4	
ER-WR						19.5	0.6	18.8	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.7	-18.7	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	319.8	0.0	13.9	-13.9	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1908.0	0.0	49.5	-49.5	
30	400 KV	TALCHER-I/C	D/C	0.0	1170.1	0.0	16.5	-16.5	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	82.1	-82.1	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1485	0.0	9.3	-9	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1196	0.0	6.8	-7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0	
ER-NER						0.0	16.1	-16.1	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	17.2	-17.2	
NER-NR						0.0	17.2	-17.2	
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	400	0	9.8	0.0	9.8	
38		APL -MHG	D/C	0	708	0.0	17.0	-17.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2192	0.0	40.6	-40.6	
40		PHAGI-GWALIOR	D/C	0	1334	0.0	25.9	-25.9	
41	400 KV	ZERDA-KANKROLI	S/C	178	0	2.1	0.0	2.1	
42		ZERDA -BHINMAL	S/C	90	199	0.0	0.9	-0.9	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	369	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	129	0	1.9	0.0	1.9	
46		BADOD-MORAK	S/C	55	0	0.5	0.1	0.4	
47		MEHGAON-AURAIYA	S/C	41	0	1.3	0.0	1.3	
48		MALANPUR-AURAIYA	S/C	25	0	0.4	0.0	0.4	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						16.0	98.5	-82.5	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	12.0	-12.0	
51	LINK	BARSUR-L-SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	36	1366	0.0	17.0	-17.0	
53		WARDHA-NIZAMABAD	D/C	0	1974	0.0	29.0	-29.0	
54	400 KV	KOLHAPUR-KUDGI	D/C	554	54	5.0	0.0	5.0	
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	1.5	0.0	1.5	
WR-SR						6.5	58.1	-51.5	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						6.3	
59		NEPAL						-4.9	
60		BANGLADESH						-10.3	