



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: 27th 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 26.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-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 26th 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

27-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	39175	43899	34493	16937	2247	136752
Peak Shortage (MW)	801	-22	0	0	66	845
Energy Met (MU)	829	1041	818	312	39	3039
Hydro Gen(MU)	102	15	42	29	15	203
Wind Gen(MU)	2	21	24	-----	-----	47
Solar Gen (MU)*	3.46	16.18	29.00	0.68	0.02	49
Energy Shortage (MU)	11.1	0.0	0.0	0.0	0.6	11.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	40601	48572	36669	17082	2204	138921

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	0.039	0.00	0.00	4.33	4.33	72.78	22.89

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	4684	0	95.2	33.6	-0.7	122	0.0
	Haryana	5829	81	111.0	60.6	10.1	580	0.1
	Rajasthan	10646	0	201.4	64.3	2.1	339	0.0
	Delhi	3362	0	56.8	44.6	-1.0	172	0.0
	UP	12265	0	262.3	82.6	-0.6	223	0.9
	Uttarakhand	1700	0	31.2	16.6	-0.5	206	0.0
	HP	1372	0	24.9	18.4	0.5	96	0.0
	J&K	2080	520	42.8	38.3	-0.2	101	10.1
WR	Chhattisgarh	219	0	3.0	3.2	-0.2	127	0.0
	Gujarat	3111	0	67.0	3.0	-1.7	186	0.0
	MP	13856	0	294.2	86.9	0.1	326	0.0
	Maharashtra	9022	0	229.5	156.0	-2.2	341	0.0
	Goa	19904	0	409.1	151.7	1.5	352	0.0
	DD	377	0	8.1	7.9	-0.4	17	0.0
	DNH	285	0	6.6	6.3	0.4	56	0.0
	Essar steel	727	0	17.0	16.8	0.2	44	0.0
SR	Andhra Pradesh	455	0	9.6	9.8	-0.2	138	0.0
	Telangana	7654	0	159.7	63.4	2.1	418	0.0
	Karnataka	6495	0	140.1	54.3	-2.0	377	0.0
	Kerala	8601	0	185.6	87.1	1.2	463	0.0
	Tamil Nadu	3121	0	62.1	51.6	1.4	247	0.0
	Pondy	12079	0	264.4	159.3	2.8	427	0.0
ER	Bihar	293	0	6.2	6.9	-0.7	13	0.0
	DVC	3601	0	60.0	54.9	-0.3	200	0.0
	Jharkhand	3049	0	65.3	-32.7	0.4	270	0.0
	Odisha	1099	0	23.5	13.6	-0.3	75	0.0
	West Bengal	3770	0	66.2	27.9	3.9	370	0.0
	Sikkim	5815	0	96.0	14.0	2.3	350	0.0
NER	Arunachal Pradesh	99	0	1.3	1.6	-0.3	22	0.0
	Assam	114	7	2.2	1.9	0.3	43	0.0
	Manipur	1363	26	21.9	17.7	0.5	268	0.4
	Meghalaya	152	8	2.3	2.6	-0.3	35	0.1
	Mizoram	315	0	5.9	3.2	-0.1	40	0.0
	Nagaland	80	9	1.4	1.0	0.4	45	0.1
	Tripura	95	7	1.9	1.5	0.0	28	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.0	-3.4	-12.1
Day peak (MW)	373.9	-278.3	-594.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	161.5	-153.1	70.2	-79.4	-1.7	-2.4
Actual(MU)	155.1	-151.8	72.5	-70.8	-2.8	2.3
O/D/U/D(MU)	-6.4	1.3	2.3	8.6	-1.1	4.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5545	15971	2530	2705	165	26915
State Sector	10800	17929	10452	6080	50	45311
Total	16345	33900	12982	8785	214	72226

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	486	1101	541	371	0	2498
Hydro	102	15	42	29	15	203
Nuclear	34	27	58	0	0	119
Gas, Naptha & Diesel	58	46	16	0	23	143
RES (Wind, Solar, Biomass & Others)	8	37	96	1	0	143
Total	688	1227	752	400	38	3106

*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 : 27-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	204	0.0	4.9	-4.9
2		SASARAM-FATEHPUR	S/C	0	146	0.5	0.0	0.5
3		GAYA-BALIA	S/C	0	279	0.0	4.8	-4.8
4	HVDC	ALIPURDUAR-AGRA	-	0	177	0.0	4.2	-4.2
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	194	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	133	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	590	0.0	7.2	-7.2
9		PATNA-BALIA	Q/C	0	1150	0.0	20.6	-20.6
10		BIHARSHARIFF-BALIA	D/C	0	204	0.0	3.2	-3.2
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.1	0.0	3.1
12		BIHARSHARIFF-VARANASI	D/C	0	229	0.3	0.0	0.3
13	220 KV	PUSAULI-SAHUPURI	S/C	0	105	0.0	1.9	-1.9
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
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						4.3	52.9	-48.5
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.3	0.0	10.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	360	0.0	0.3	-0.3
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	27	2.6	0.0	2.6
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.1	0.0	2.1
22		IBEUL-RAIGARH	S/C	0	0	2.2	0.0	2.2
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	38	1.6	0.0	1.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	57	0.0	0.2	-0.2
26		BUDHIPADAR-KORBA	D/C	0	0	2.0	0.0	2.0
ER-WR						20.8	0.5	20.2
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.2	-17.2
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	289.8	0.0	13.0	-13.0
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1551.5	0.0	43.9	-43.9
30	400 KV	TALCHER-I/C	D/C	0.0	954.0	0.0	13.6	-13.6
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	74.1	-74.1
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1190	0.0	7.3	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	948	0.0	5.7	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
ER-NER						0.0	13.0	-13.0
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	14.8	-14.8
NER-NR						0.0	14.8	-14.8
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	5.8	0.0	5.8
38		APL -MHG	D/C	0	1210	0.0	24.5	-24.5
39	765 KV	GWALIOR-AGRA	D/C	0	2252	0.0	39.5	-39.5
40		PHAGI-GWALIOR	D/C	0	1280	0.0	22.2	-22.2
41	400 KV	ZERDA-KANKROLI	S/C	168	0	2.2	0.0	2.2
42		ZERDA -BHINMAL	S/C	74	174	0.0	0.6	-0.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	335	0	2	-2
45	220 KV	BADOD-KOTA	S/C	123	0	2.0	0.0	2.0
46		BADOD-MORAK	S/C	65	3	0.7	0.0	0.7
47		MEHGAON-AURAIYA	S/C	76	0	1.4	0.0	1.4
48		MALANPUR-AURAIYA	S/C	38	1	0.5	0.0	0.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						12.5	100.8	-88.2
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	348	928	0.0	10.7	-10.7
53		WARDHA-NIZAMABAD	D/C	0	1492	0.0	24.9	-24.9
54	400 KV	KOLHAPUR-KUDGI	D/C	398	84	3.7	0.2	3.5
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						5.2	47.8	-42.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						6.0
59		NEPAL						-3.4
60		BANGLADESH						-12.1