



National Load Despatch Centre
पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
POWER SYSTEM OPERATION CORPORATION LIMITED
(A wholly owned subsidiary of POWERGRID)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 18th Nov 2016

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ.क्षे.भा.प्रे.के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलॉंग - 793006
General Manager, 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 17.11.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 17 नवंबर 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें 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 17th November 2016, is available at the NLDC website.

Thanking You.



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

Report for previous day

Date of Reporting

18-Nov-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39763	40973	38133	16497	2310	137676
Peak Shortage (MW)	421	8	0	0	92	521
Energy Met (MU)	800	987	869	315	39	3010
Hydro Gen(MU)	104	42	31	30	11	219
Wind Gen(MU)	7	37	42	-----	-----	86
Solar Gen (MU)*	0.76	9.87	10.60	0.05	0.03	21

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.041	0.00	0.00	7.95	7.95	70.30	21.75
SR GRID	0.041	0.00	0.00	7.95	7.95	70.30	21.75

RegionRegion	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)
NR	Punjab	4640	0	90.5	42.2	0.4	255
	Haryana	5878	0	105.5	77.1	-1.1	260
	Rajasthan	9778	138	195.9	73.4	3.2	423
	Delhi	2962	0	54.8	39.8	0.8	198
	UP	12779	0	256.9	92.3	1.0	522
	Uttarakhand	1767	0	31.9	20.4	-0.1	130
	HP	1367	0	24.4	17.4	0.8	125
	J&K	1690	422	36.5	35.0	-3.9	30
	Chandigarh	172	0	3.2	3.3	-0.1	13
WR	Chhattisgarh	2908	0	58.1	15.4	-0.8	422
	Gujarat	12576	0	268.9	83.0	-2.0	811
	MP	10179	0	215.1	139.1	-1.5	801
	Maharashtra	19172	0	405.2	115.5	-2.4	1449
	Goa	400	0	9.1	8.4	0.1	43
	DD	283	0	6.4	6.6	-0.1	1
	DNH	722	0	16.3	16.7	-0.4	17
	Essar steel	421	0	8.5	8.9	-0.5	508
	Andhra Pradesh	7070	0	158.6	24.5	4.3	527
SR	Telangana	6617	0	137.4	68.9	0.4	229
	Karnataka	9303	300	200.5	65.9	3.3	524
	Kerala	3596	0	67.1	53.3	3.5	479
	Tamil Nadu	13375	0	298.5	137.4	-1.4	512
	Pondy	334	0	6.8	7.1	-0.3	18
	Bihar	3410	0	60.2	60.9	-2.8	140
ER	DVC	2390	0	56.3	-36.2	-1.3	180
	Jharkhand	1064	0	21.3	16.2	1.2	150
	Odisha	3724	0	70.4	25.3	3.3	290
	West Bengal	6563	0	105.4	21.0	3.9	380
	Sikkim	92	0	1.7	1.4	0.3	25
	Arunachal Pradesh	121	1	1.8	2.0	-0.2	7
NER	Assam	1420	43	24.0	17.1	2.8	101
	Manipur	132	0	1.9	2.0	-0.1	10
	Meghalaya	262	23	4.4	3.4	-0.1	8
	Mizoram	85	2	1.3	1.2	0.0	14
	Nagaland	100	2	1.8	1.8	0.0	5
	Tripura	211	0	3.4	2.4	0.4	98

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	12.7	-3.4	-11.8
Day peak (MW)	596.4	-209.0	-577.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	169.7	-177.6	98.3	-94.6	0.1	-4.2
Actual(MU)	173.0	-191.0	103.0	-87.9	1.6	-1.3
O/D/U/D(MU)	3.3	-13.4	4.7	6.7	1.5	2.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5576	11266	3420	270	97	20629
State Sector	12955	17478	5754	5714	110	42011
Total	18531	28744	9174	5984	207	62640

*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(शि०प्र०)/
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	18-Nov-16
								Import=(+ve) /Export =(-ve) for NET (MU)	
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	391	0.0	12.0	-12.0	
2		SASARAM-FATEHPUR	S/C	240	61	2.1	0.0	2.1	
3		GAYA-BALIA	S/C	0	361	0.0	6.4	-6.4	
4	HVDC LINK	PUSAULI B/B	S/C	0	148	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	0	176	0.0	2.7	-2.7	
6		PUSAULI-ALLAHABAD	S/C	36	19	0.1	0.0	0.1	
7		MUZAFFARPUR-GORAKHPUR	D/C	152	379	0.0	2.8	-2.8	
8		PATNA-BALIA	Q/C	0	735	0.0	13.9	-13.9	
9		BIHARSHARIFF-BALIA	D/C	63	171	0.0	1.5	-1.5	
10		BARH-GORAKHPUR	D/C	0	548	0.0	5.4	-5.4	
11		BIHARSHARIFF-VARANASI	D/C	0	0	0.5	0.0	0.5	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	185	0.0	3.4	-3.4	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.7	0.0	0.7	
15		KARMANASA-SAHUPURI	S/C	0	0	0.5	0.0	0.5	
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						3.9	48.0	-44.2	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	736	0.0	10.0	-10.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	384	144	3.2	0.0	3.2	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	136	18	1.4	0.0	1.4	
20		JHARSUGUDA-RAIGARH	S/C	138	0	1.9	0.0	1.9	
21		IBEUL-RAIGARH	S/C	98	0	1.3	0.0	1.3	
22		STERLITE-RAIGARH	D/C	91	149	0.0	1.0	-1.0	
23		RANCHI-SIPAT	D/C	242	7	3.0	0.0	3.0	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	62	71	0.0	0.1	-0.1	
25		BUDHIPADAR-KORBA	D/C	171	0	2.4	0.0	2.4	
ER-WR						13.1	11.2	1.9	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	332	0.0	14.3	-14.3	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2258	0.0	44.5	-44.5	
28		TALCHER-I/C		0.0	1322	0.0	18.7	-18.7	
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	58.8	-58.8	
Import/Export of ER (With NER)									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	9	1300	0.0	17.4	-17	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	0.0	0	
ER-NER						0.0	17.4	-17.4	
Import/Export of NR (With NER)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	15.8	0.0	15.8	
NR-NER						15.8	0.0	15.8	
Import/Export of WR (With NR)									
33	HVDC	VCHAL B/B	D/C	500	0	11.1	0.0	11.1	
34	HVDC	APL -MHG	D/C	0	1715	0.0	36.0	-36.0	
35	765 KV	GWALIOR-AGRA	D/C	0	2438	0.0	47.1	-47.1	
36	765 KV	PHAGI-GWALIOR	D/C	0	1836	0.0	37.3	-37.3	
37	400 KV	ZERDA-KANKROLI	S/C	154	61	1.5	0.0	1.5	
38	400 KV	ZERDA -BHINMAL	S/C	132	190	0.0	0.5	-0.5	
39	400 KV	VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
40	400KV	RAPP-SHUJALPUR	D/C	0	420	0	7	-7	
41	220 KV	BADOD-KOTA	S/C	100	0	1.3	0.0	1.3	
42		BADOD-MORAK	S/C	41	38	0.2	0.2	0.0	
43		MEHGAON-AURAIYA	S/C	86	0	1.6	0.0	1.6	
44		MALANPUR-AURAIYA	S/C	39	0	0.6	0.0	0.6	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						16.3	128.0	-111.8	
Import/Export of WR (With SR)									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	22.3	-22.3	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	2696	0.0	49.7	-49.7	
49	400 KV	KOLHAPUR-KUDGI	D/C	0	423	0.0	7.7	-7.7	
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
52		XELDEM-AMBEWADI	S/C	84	0	1.7	0.0	1.7	
WR-SR						1.7	79.6	-77.9	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						12.7	
55		NEPAL						-3.4	
56		BANGLADESH						-11.8	