



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: 17th 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 16.11.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16 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 16th 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

17-Nov-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39196	44797	38026	16783	2247	141048
Peak Shortage (MW)	480	0	0	50	105	635
Energy Met (MU)	808	1004	853	309	38	3013
Hydro Gen(MU)	112	48	38	33	11	242
Wind Gen(MU)	3	29	31	-----	-----	63
Solar Gen (MU)*	2.68	9.50	11.70	0.04	0.02	24

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	0.042	0.00	0.00	1.85	1.85	69.09	29.06
SR GRID	0.042	0.00	0.00	1.85	1.85	69.09	29.06

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	4506	0	91.0	41.7	1.8	222
	Haryana	5887	0	104.3	75.8	-1.3	148
	Rajasthan	9748	0	202.8	72.3	3.3	260
	Delhi	2930	0	55.2	40.4	0.5	159
	UP	12168	0	254.1	93.1	0.3	302
	Uttarakhand	1759	0	31.5	19.4	2.2	224
	HP	1350	0	24.0	17.0	0.8	137
	J&K	1776	444	42.0	34.7	0.2	11
	Chandigarh	175	0	3.1	3.3	-0.2	12
WR	Chhattisgarh	2925	0	61.8	15.1	-1.7	206
	Gujarat	12266	0	264.9	76.9	-1.2	408
	MP	10316	0	214.0	135.0	-1.7	276
	Maharashtra	19831	0	422.7	116.6	-1.1	456
	Goa	439	0	8.9	7.9	0.4	45
	DD	290	0	6.5	6.5	0.0	29
	DNH	720	0	16.2	16.6	-0.3	16
	Essar steel	438	0	9.2	8.9	0.3	187
	Andhra Pradesh	7125	0	148.1	24.5	-9.4	518
SR	Telangana	6677	0	138.0	69.1	1.2	285
	Karnataka	9298	0	198.7	65.5	3.0	483
	Kerala	3492	0	66.5	52.2	3.6	262
	Tamil Nadu	13520	0	294.8	135.3	0.3	698
	Pondy	339	0	7.0	7.1	-0.1	40
	Bihar	3395	0	61.1	61.2	-2.1	150
ER	DVC	2368	0	55.2	-	-2.5	200
	Jharkhand	1049	50	20.6	17.2	1.8	180
	Odisha	3686	0	68.0	23.5	2.5	230
	West Bengal	6672	0	103.0	23.3	2.2	460
	Sikkim	93	0	1.4	1.8	-0.4	15
NER	Arunachal Pradesh	117	5	1.7	2.0	-0.3	7
	Assam	1433	9	23.0	17.6	1.9	101
	Manipur	132	4	2.0	2.0	0.0	10
	Meghalaya	252	4	4.2	3.7	-0.3	8
	Mizoram	82	5	1.3	1.2	0.1	14
	Nagaland	100	2	1.7	1.8	-0.2	5
	Tripura	207	0	4.2	2.4	1.2	98

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	12.8	-3.2	-11.8
Day peak (MW)	548.9	-245.0	-580.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	171.4	-182.4	103.3	-95.2	1.0	-1.9
Actual(MU)	180.0	-192.5	105.4	-94.9	2.0	0.0
O/D/U/D(MU)	8.6	-10.2	2.1	0.4	1.0	1.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5376	10666	3710	270	97	20119
State Sector	11795	17498	5929	5714	110	41046
Total	17171	28164	9639	5984	207	61165

*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 : 17-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	378	0.0	12.0	-12.0
2		SASARAM-FATEHPUR	S/C	239	59	2.5	0.0	2.5
3		GAYA-BALIA	S/C	0	334	0.0	6.4	-6.4
4	HVDC LINK	PUSAULI B/B	S/C	0	149	0.0	3.6	-3.6
5	400 KV	PUSAULI-SARNATH	S/C	0	166	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	30	26	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	186	278	0.0	2.5	-2.5
8		PATNA-BALIA	Q/C	0	841	0.0	14.4	-14.4
9		BIHARSHARIFF-BALIA	D/C	144	134	0.0	1.3	-1.3
10		BARH-GORAKHPUR	D/C	0	554	0.0	11.4	-11.4
11		BIHARSHARIFF-VARANASI	D/C	27	0	1.0	0.0	1.0
12	220 KV	PUSAULI-SAHUPURI	S/C	0	227	0.0	4.2	-4.2
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.4	0.0	0.4
14		GARWAH-RIHAND	S/C	35	0	0.9	0.0	0.9
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						4.8	55.7	-50.9
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	9	838	0.0	10.3	-10.3
18		NEW RANCHI-DHARAMJAIGARH	D/C	367	28	4.3	0.0	4.3
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	158	0	1.9	0.0	1.9
20		JHARSUGUDA-RAIGARH	S/C	160	0	2.2	0.0	2.2
21		IBEUL-RAIGARH	S/C	91	0	1.5	0.0	1.5
22		STERLITE-RAIGARH	D/C	146	57	0.0	0.7	-0.7
23		RANCHI-SIPAT	D/C	249	0	3.1	0.0	3.1
24	220 KV	BUDHIPADAR-RAIGARH	S/C	82	52	0.1	0.0	0.1
25		BUDHIPADAR-KORBA	D/C	175	0	2.4	0.0	2.4
ER-WR						15.4	11.1	4.4
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	332	0.0	16.1	-16.1
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2354	0.0	46.2	-46.2
28		TALCHER-I/C		0.0	1270	0.0	19.7	-19.7
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						0.0	62.3	-62.3
Import/Export of ER (With NER)								
30	400 KV	BINAGURI-BONGAIGAON	Q/C	9	1248	0.0	17.4	-17
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	1.0	-1
ER-NER						0.0	18.4	-18.4
Import/Export of NR (With NER)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	700	0	15.3	0.0	15.3
NR-NER						15.3	0.0	15.3
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	1412	0.0	31.7	-31.7
35	765 KV	GWALIOR-AGRA	D/C	0	2446	0.0	50.3	-50.3
36	765 KV	PHAGI-GWALIOR	D/C	0	1850	0.0	37.5	-37.5
37	400 KV	ZERDA-KANKROLI	S/C	168	32	1.4	0.0	1.4
38	400 KV	ZERDA -BHINMAL	S/C	89	162	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	0	-140	0	-140
41	220 KV	BADOD-KOTA	S/C	93	0	1.5	0.0	1.5
42		BADOD-MORAK	S/C	37	30	0.3	0.2	0.1
43		MEHGAON-AURAIYA	S/C	91	0	1.5	0.0	1.5
44		MALANPUR-AURAIYA	S/C	33	0	0.6	0.0	0.6
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						-123.6	120.1	-243.7
Import/Export of WR (With SR)								
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
48		SOLAPUR-RAICHUR	D/C	0	2299	0.0	46.5	-46.5
49	400 KV	KOLHAPUR-KUDGI	D/C	0	423	0.0	7.1	-7.1
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	1.6	0.0	1.6
WR-SR						1.6	77.5	-76.0
TRANSNATIONAL EXCHANGE								
54		BHUTAN						12.8
55		NEPAL						-3.2
56		BANGLADESH						-11.8