



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: 20th 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 19.11.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19 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 19th November 2016, is available at the NLDC website.

Thanking You.



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

Report for previous day

Date of Reporting

20-Nov-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39519	42091	37365	16308	2307	137590
Peak Shortage (MW)	473	43	13	0	35	564
Energy Met (MU)	797	985	853	310	38	2984
Hydro Gen(MU)	107	62	26	34	11	239
Wind Gen(MU)	5	8	18	-----	-----	31
Solar Gen (MU)*	0.33	9.90	10.00	0.04	0.03	20

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	0.036	0.00	0.00	3.90	3.90	75.43	20.67
SR GRID	0.036	0.00	0.00	3.90	3.90	75.43	20.67

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	4737	0	87.7	45.7	0.7	188
	Haryana	5873	0	105.4	84.3	-1.5	214
	Rajasthan	9835	396	200.3	81.6	2.0	251
	Delhi	2837	0	53.4	37.7	1.3	304
	UP	12484	30	252.1	92.6	-1.7	193
	Uttarakhand	1674	0	32.9	20.3	0.8	199
	HP	1369	0	24.2	17.9	0.4	220
	J&K	1773	443	37.7	34.6	-2.5	61
	Chandigarh	175	0	3.2	3.2	0.0	23
WR	Chhattisgarh	2822	0	61.0	3.7	-1.9	149
	Gujarat	12752	0	271.4	83.4	0.6	563
	MP	10573	0	216.4	138.7	-3.2	287
	Maharashtra	19191	89	397.3	106.1	1.7	426
	Goa	423	0	8.9	7.9	0.4	37
	DD	282	0	6.4	6.3	0.1	13
	DNH	711	0	16.0	16.2	-0.2	44
	Essar steel	432	0	8.1	8.9	-0.9	141
	Andhra Pradesh	7144	0	155.0	29.4	3.4	519
SR	Telangana	6481	0	133.7	64.2	0.6	224
	Karnataka	9020	0	198.4	75.6	1.5	628
	Kerala	3403	0	67.1	56.2	3.3	269
	Tamil Nadu	13470	0	291.9	155.4	-0.4	455
	Pondy	322	0	6.8	7.2	-0.4	15
	Bihar	3476	0	59.1	58.0	-2.5	100
ER	DVC	2447	0	56.7	-37.2	-0.4	125
	Jharkhand	1139	0	22.0	14.7	0.1	120
	Odisha	3677	0	67.9	19.7	1.5	180
	West Bengal	6428	0	103.1	19.4	1.3	210
	Sikkim	90	0	1.5	1.4	0.1	10
NER	Arunachal Pradesh	121	1	2.1	1.8	0.3	7
	Assam	1400	6	23.3	17.0	2.1	101
	Manipur	127	2	2.3	2.1	0.2	10
	Meghalaya	286	0	4.6	3.7	-0.5	8
	Mizoram	82	1	1.1	1.1	0.0	14
	Nagaland	107	2	1.9	1.7	0.1	5
	Tripura	207	0	3.1	2.3	0.1	98

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	12.3	-3.9	-9.8
Day peak (MW)	541.9	-237.0	-577.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	179.3	-167.3	93.1	-110.2	-0.7	-5.8
Actual(MU)	183.5	-166.0	96.0	-110.4	0.5	3.7
O/D/U/D(MU)	4.2	1.3	2.9	-0.1	1.2	9.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5842	12896	2210	270	34	21252
State Sector	13365	19199	5639	6324	110	44637
Total	19207	32095	7849	6594	143	65889

*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 :	20-Nov-16
								Import=(+ve) /Export =(-ve) for NET (MU)	
SI 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	413	0.0	13.0	-13.0	
2		SASARAM-FATEHPUR	S/C	185	164	1.0	0.0	1.0	
3		GAYA-BALIA	S/C	0	369	0.0	7.0	-7.0	
4	HVDC LINK	PUSAULI B/B	S/C	0	148	0.0	4.0	-4.0	
5	400 KV	PUSAULI-SARNATH	S/C	0	157	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	19	34	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	137	477	0.0	5.0	-5.0	
8		PATNA-BALIA	Q/C	0	810	0.0	16.0	-16.0	
9		BIHARSHARIFF-BALIA	D/C	91	225	0.0	3.0	-3.0	
10		BARH-GORAKHPUR	D/C	0	538	0.0	11.0	-11.0	
11		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.0	0.0	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	201	0.0	4.0	-4.0	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	1.0	0.0	1.0	
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						2.0	63.0	-61.0	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	1279	0.0	19.0	-19.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	306	359	0.0	1.0	-1.0	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	118	76	0.0	0.0	0.0	
20		JHARSUGUDA-RAIGARH	S/C	153	11	1.0	0.0	1.0	
21		IBEUL-RAIGARH	S/C	109	5	1.0	0.0	1.0	
22		STERLITE-RAIGARH	D/C	0	269	0.0	3.0	-3.0	
23		RANCHI-SIPAT	D/C	195	118	3.0	0.0	3.0	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	20	112	0.0	1.0	-1.0	
25		BUDHIPADAR-KORBA	D/C	153	0	2.0	0.0	2.0	
ER-WR						7.0	24.0	-17.0	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	334	0.0	13.0	-13.0	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2257	0.0	47.0	-47.0	
28		TALCHER-I/C		0.0	1194	0.0	17.0	-17.0	
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	60.0	-60.0	
Import/Export of ER (With NER)									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	1035	0.0	15.0	-15	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	1.0	-1	
ER-NER						0.0	16.0	-16.0	
Import/Export of NR (With NER)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	16.2	0.0	16.2	
NR-NER						16.2	0.0	16.2	
Import/Export of WR (With NR)									
33	HVDC	VCHAL B/B	D/C	500	0	11.0	0.0	11.0	
34	HVDC	APL -MHG	D/C	0	1815	0.0	37.0	-37.0	
35	765 KV	GWALIOR-AGRA	D/C	0	2320	0.0	46.0	-46.0	
36	765 KV	PHAGI-GWALIOR	D/C	0	1968	0.0	38.5	-38.5	
37	400 KV	ZERDA-KANKROLI	S/C	121	86	1.0	0.0	1.0	
38	400 KV	ZERDA -BHINMAL	S/C	77	232	0.0	1.0	-1.0	
39	400 KV	VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
40	400KV	RAPP-SHUJALPUR	D/C	0	438	0	8	-8	
41	220 KV	BADOD-KOTA	S/C	90	0	1.0	0.0	1.0	
42		BADOD-MORAK	S/C	39	17	0.0	0.0	0.0	
43		MEHGAON-AURAIYA	S/C	80	0	2.0	0.0	2.0	
44		MALANPUR-AURAIYA	S/C	41	0	1.0	0.0	1.0	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						16.0	130.0	-114.0	
Import/Export of WR (With SR)									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	2355	0.0	49.0	-49.0	
49	400 KV	KOLHAPUR-KUDGI	D/C	0	557	0.0	8.0	-8.0	
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	83	0	2.0	0.0	2.0	
WR-SR						2.0	81.0	-79.0	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						12.3	
55		NEPAL						-3.9	
56		BANGLADESH						-9.8	