



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: 05th Dec 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., डोंगतेह, 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 04.12.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04 दिसम्बर 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 04th December 2016, is available at the NLDC website.

https://posoco.in/download/04-12-16_nldc_psp/?wpdmdl=7592

Thanking You.



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

Report for previous day

Date of Reporting

5-Dec-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	38353	43784	31949	15919	2168	132173
Peak Shortage (MW)	1127	23	0	0	50	1200
Energy Met (MU)	798	977	740	295	37	2848
Hydro Gen(MU)	101	55	15	25	11	206
Wind Gen(MU)	3	45	24	-----	-----	72
Solar Gen (MU)*	2.82	10.39	11.70	0.04	0.02	25

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	0.047	0.00	0.29	8.02	8.31	71.04	20.65
SR GRID	0.047	0.00	0.29	8.02	8.31	71.04	20.65

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	5470	0	110.5	45.4	1.4	342
	Haryana	5308	273	103.8	63.9	1.2	414
	Rajasthan	9315	707	193.8	57.7	3.7	390
	Delhi	3052	0	52.3	38.8	-0.8	117
	UP	11799	225	245.4	82.5	-3.1	636
	Uttarakhand	1648	0	29.8	17.5	0.3	132
	HP	1275	0	22.8	18.1	-0.3	50
	J&K	1744	436	36.8	36.3	-3.7	0
	Chandigarh	166	0	2.9	3.1	-0.2	22
WR	Chhattisgarh	3006	0	59.9	10.4	-0.9	158
	Gujarat	12220	0	261.2	83.8	1.3	665
	MP	10428	0	205.8	113.2	-2.9	184
	Maharashtra	19281	0	410.8	114.5	0.0	762
	Goa	385	0	8.7	6.9	1.2	82
	DD	249	0	5.7	5.8	-0.1	13
	DNH	648	0	14.7	15.1	-0.4	-7
	Essar steel	749	0	9.9	9.2	0.7	199
	Andhra Pradesh	6115	0	135.4	14.6	2.2	380
SR	Telangana	6762	0	137.6	74.9	2.5	363
	Karnataka	7932	0	173.2	61.7	3.1	909
	Kerala	3115	0	56.7	50.6	1.9	255
	Tamil Nadu	10712	0	231.5	113.8	-1.0	589
	Pondy	264	0	5.4	5.9	-0.5	17
	Bihar	3287	0	58.8	58.4	-5.8	100
ER	DVC	2260	0	59.2	-30.5	-1.3	150
	Jharkhand	1001	0	22.8	13.7	1.8	150
	Odisha	3891	0	62.5	18.7	-2.5	200
	West Bengal	5937	0	91.3	17.0	-1.4	250
	Sikkim	82	0	0.9	1.7	-0.8	12
	Arunachal Pradesh	95	8	2.1	1.7	0.4	3
NER	Assam	1313	7	21.3	16.2	1.7	99
	Manipur	130	2	2.1	2.4	-0.3	10
	Meghalaya	266	0	4.5	4.1	-0.4	12
	Mizoram	80	2	1.2	1.3	-0.1	15
	Nagaland	99	5	2.0	1.8	0.2	7
	Tripura	210	0	4.1	1.4	-0.2	24

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.5	-4.8	-11.0
Day peak (MW)	386.0	-292.4	-549.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	134.2	-125.6	62.8	-76.1	6.0	1.4
Actual(MU)	150.6	-131.2	62.5	-92.8	6.5	-4.4
O/D/U/D(MU)	16.4	-5.6	-0.3	-16.7	0.5	-5.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5401	15706	2460	1760	629	25956
State Sector	12990	18862	7412	5324	110	44698
Total	18391	34568	9872	7084	738	70654

*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 :	5-Dec-16
SI 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	357	0.0	12.1	-12.1	
2		SASARAM-FATEHPUR	S/C	199	96	0.0	0.8	-0.8	
3		GAYA-BALIA	S/C	0	344	0.0	5.3	-5.3	
4	HVDC LINK	PUSAULI B/B	S/C	0	346	0.0	8.5	-8.5	
5	400 KV	PUSAULI-SARNATH	S/C	6	289	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	99	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	6	509	0.0	8.8	-8.8	
8		PATNA-BALIA	Q/C	1	679	0.0	10.5	-10.5	
9		BIHARSHARIFF-BALIA	D/C	16	234	0.0	4.4	-4.4	
10		BARH-GORAKHPUR	D/C	0	505	0.0	9.5	-9.5	
11		BIHARSHARIFF-VARANASI	D/C	37	0	0.0	0.6	-0.6	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	221	0.0	4.1	-4.1	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.8	0.0	0.8	
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						0.8	64.5	-63.7	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	717	0.0	12.0	-12.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	151	261	0.0	1.4	-1.4	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	76	43	0.0	0.0	0.0	
20		JHARSUGUDA-RAIGARH	S/C	121	16	1.1	0.0	1.1	
21		IBEUL-RAIGARH	S/C	87	7	0.8	0.0	0.8	
22		STERLITE-RAIGARH	D/C	0	218	0.0	3.7	-3.7	
23		RANCHI-SIPAT	D/C	134	44	1.4	0.0	1.4	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	35	64	0.3	0.0	0.3	
25		BUDHIPADAR-KORBA	D/C	117	0	0.0	1.7	-1.7	
ER-WR						3.6	18.7	-15.1	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	300	0.0	14.9	-14.9	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	1778	0.0	39.6	-39.6	
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0	
29	400 KV	TALCHER-1/C		420.3	303	0.0	4.8	-4.8	
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	54.5	-54.5	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	Q/C	412	248	0.0	4.2	-4	
32	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.2	0	
ER-NER						0.0	4.4	-4.4	
Import/Export of NR (With NER)									
33	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	11.9	11.9	
NR-NER						0.0	11.9	11.9	
Import/Export of WR (With NR)									
34	HVDC	V'CHAL B/B	D/C	450	0	11.0	0.0	11.0	
35	HVDC	APL -MHG	D/C	0	1265	0.0	30.3	-30.3	
36	765 KV	GWALIOR-AGRA	D/C	0	2260	0.0	48.3	-48.3	
37	765 KV	PHAGI-GWALIOR	D/C	0	1358	0.0	27.4	-27.4	
38	400 KV	ZERDA-KANKROLI	S/C	314	0	4.4	0.0	4.4	
39	400 KV	ZERDA -BHINMAL	S/C	262	82	0.0	1.6	-1.6	
40	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
41	400KV	RAPP-SHUJALPUR	D/C	0	400	0	8	-8	
42	220 KV	BADOD-KOTA	S/C	99	0	1.7	0.0	1.7	
43		BADOD-MORAK	S/C	0	116	0.0	1.6	-1.6	
44		MEHGAON-AURAIYA	S/C	74	0	1.0	0.0	1.0	
45		MALANPUR-AURAIYA	S/C	28	0	0.4	0.0	0.4	
46		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						18.5	117.2	-98.7	
Import/Export of WR (With SR)									
47	HVDC LINK	BHADRAWATI B/B	-	0	500	0.0	12.1	-12.1	
48		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
49	765 KV	SOLAPUR-RAICHUR	D/C	0	1919	0.0	36.6	-36.6	
50	400 KV	KOLHAPUR-KUDGI	D/C	0	#####	0.0	0.0	0.0	
51	220 KV	KOLHAPUR-CHIKODI	D/C	0	265	0.0	5.6	-5.6	
52		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
53		XELDEM-AMBEWADI	S/C	77	0	1.6	0.0	1.6	
WR-SR						1.6	54.3	-52.6	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						8.5	
55		NEPAL						-4.8	
56		BANGLADESH						-11.0	