



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: 07th Jan 2017

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 06.01.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06 जनवरी 2017 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 06 January 2017, 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

7-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41683	43152	36962	16227	2299	140323
Peak Shortage (MW)	304	0	0	100	61	465
Energy Met (MU)	863	1019	872	321	37	3113
Hydro Gen(MU)	99	56	44	22	11	232
Wind Gen(MU)	5	13	15	-----	-----	32
Solar Gen (MU)*	0.15	9.02	16.60	0.05	0.02	26

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	0.047	0.00	0.03	7.58	7.62	69.68	22.71

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)
NR	Punjab	5107	0	99.2	38.0	0.3	190
	Haryana	6340	0	118.6	82.0	0.3	350
	Rajasthan	9982	0	214.0	69.6	2.6	260
	Delhi	3660	0	61.3	48.8	0.7	260
	UP	13210	0	278.5	84.6	-0.5	295
	Uttarakhand	1942	0	34.2	19.8	-0.2	211
	HP	1410	0	24.4	21.7	-0.8	107
	J&K	1718	430	29.5	31.9	-7.1	89
WR	Chhattisgarh	3212	0	72.8	8.2	-0.2	219
	Gujarat	13552	0	285.3	84.8	2.3	452
	MP	9926	0	216.1	131.7	0.1	435
	Maharashtra	20014	0	403.2	135.2	1.3	500
	Goa	545	0	8.7	8.5	-0.2	42
	DD	292	0	6.6	6.5	0.1	37
	DNH	712	0	16.2	16.4	-0.2	39
	Essar steel	509	0	10.1	9.8	0.2	164
SR	Andhra Pradesh	7040	0	149.9	5.9	2.3	473
	Telangana	8372	0	157.9	65.5	1.4	321
	Karnataka	9323	0	199.7	69.9	4.8	550
	Kerala	3485	0	64.5	54.7	2.3	176
	Tamil Nadu	14008	0	293.2	149.4	3.1	650
	Pondy	315	0	6.3	6.7	-0.5	16
ER	Bihar	3571	0	62.4	60.6	-2.0	100
	DVC	2370	0	59.5	-38.6	-1.7	150
	Jharkhand	1108	0	23.3	15.4	1.8	125
	Odisha	4067	0	70.5	25.7	1.2	200
	West Bengal	6423	0	103.7	25.7	2.0	200
NER	Sikkim	121	0	2.0	1.6	0.4	25
	Arunachal Pradesh	119	3	1.9	1.7	0.2	25
	Assam	1381	16	22.2	16.3	2.0	135
	Manipur	136	7	2.0	2.2	-0.3	41
	Meghalaya	284	0	4.6	3.7	-0.1	72
	Mizoram	87	1	1.4	1.1	0.2	28
	Nagaland	107	6	2.1	1.6	0.5	29
Tripura	212	0	3.2	0.6	0.6	65	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.0	-7.3	-9.4
Day peak (MW)	285.0	-332.8	-596.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	196.1	-193.8	71.2	-82.5	8.9	-0.1
Actual(MU)	196.8	-204.6	79.5	-85.6	11.7	-2.2
O/D/U/D(MU)	0.7	-10.8	8.3	-3.1	2.8	-2.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6674	11576	2760	1100	422	22532
State Sector	10605	18581	7832	5974	110	43102
Total	17279	30157	10592	7074	531	65634

*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(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसीको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	7-Jan-17
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	428	0.0	14.1	-14.1	
2		SASARAM-FATEHPUR	S/C	33	179	0.0	1.8	-1.8	
3		GAYA-BALIA	S/C	0	403	0.0	7.4	-7.4	
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1	
5	400 KV	PUSAULI-SARNATH	S/C	0	226	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	S/C	0	77	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	41	320	0.0	4.5	-4.5	
8		PATNA-BALIA	Q/C	0	816	0.0	15.2	-15.2	
9		BIHARSHARIFF-BALIA	D/C	0	286	0.0	4.2	-4.2	
10		BARH-GORAKHPUR	D/C	0	290	0.0	11.5	-11.5	
11		BIHARSHARIFF-VARANASI	D/C	16	0	0.0	1.9	-1.9	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	161	0.0	2.8	-2.8	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.5	0.0	0.5	
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						0.5	69.5	-69.0	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	1085	0.0	14.9	-14.9	
18		NEW RANCHI-DHARAMJAIGARH	D/C	354	176	1.9	0.0	1.9	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	114	33	1.2	0.0	1.2	
20		JHARSUGUDA-RAIGARH	S/C	126	0	1.5	0.0	1.5	
21		IBEUL-RAIGARH	S/C	91	0	1.1	0.0	1.1	
22		STERLITE-RAIGARH	D/C	69	332	0.0	0.7	-0.7	
23		RANCHI-SIPAT	D/C	217	15	3.2	0.0	3.2	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	41	94	0.0	0.6	-0.6	
25		BUDHIPADAR-KORBA	D/C	201	0	3.1	0.0	3.1	
ER-WR						12.0	16.3	-4.2	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	334	0.0	9.6	-9.6	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2449	0.0	46.7	-46.7	
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0	
29	400 KV	TALCHER-I/C		0.0	0	0.0	0.0	0.0	
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	56.3	-56.3	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	361	226	0.0	0.2	0	
32		ALIPURDUAR-BONGAIGAON	D/C	245	184	0.0	0.3	0	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.1	0.0	0	
ER-NER						0.1	0.5	-0.4	
Import/Export of NR (With NER)									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.1	12.1	
NR-NER						0.0	12.1	12.1	
Import/Export of WR (With NR)									
35	HVDC	V'CHAL B/B	D/C	500	0	5.7	0.0	5.7	
36	HVDC	APL-MHG	D/C	0	2519	0.0	60.3	-60.3	
37	765 KV	GWALIOR-AGRA	D/C	0	2962	0.0	57.3	-57.3	
38	765 KV	PHAGI-GWALIOR	D/C	0	1352	0.0	25.6	-25.6	
39	400 KV	ZERDA-KANKROLI	S/C	175	116	0.9	0.0	0.9	
40	400 KV	ZERDA -BHINMAL	S/C	80	266	0.0	0.2	-0.2	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	474	0	8	-8	
43	220 KV	BADOD-KOTA	S/C	57	0	0.7	0.0	0.7	
44		BADOD-MORAK	S/C	17	41	0.0	0.2	-0.2	
45		MEHGAON-AURAIYA	S/C	72	0	1.2	0.0	1.2	
46		MALANPUR-AURAIYA	S/C	30	0	0.4	0.0	0.4	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						8.9	151.8	-142.9	
Import/Export of WR (With SR)									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.3	-22.3	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2102	0.0	41.5	-41.5	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	377	0.0	4.2	-4.2	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	278	0.0	5.6	-5.6	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	87	0	1.5	0.0	1.5	
WR-SR						1.5	73.4	-71.9	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						4.0	
55		NEPAL						-7.3	
56		BANGLADESH						-9.4	