



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 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 19.01.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19 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 19 January 2017, 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

20-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	43237	44101	36120	17331	2287	143076
Peak Shortage (MW)	1221	78	0	100	59	1458
Energy Met (MU)	892	1007	840	330	39	3108
Hydro Gen(MU)	96	43	42	19	11	210
Wind Gen(MU)	31	78	41	-----	-----	150
Solar Gen (MU)*	0.34	8.65	15.60	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
All India	0.048	0.00	0.00	6.35	6.35	67.31	26.33

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	5729	0	105.8	42.9	1.3	223
	Haryana	6503	0	118.0	67.7	-0.1	225
	Rajasthan	9762	0	204.1	57.0	1.7	336
	Delhi	3973	0	67.8	56.9	0.6	225
	UP	13575	0	287.9	95.9	1.2	319
	Uttarakhand	2003	0	35.3	21.7	0.6	166
	HP	1425	0	26.7	21.0	1.0	200
	J&K	2006	502	42.7	39.3	-0.3	127
WR	Chhattisgarh	3280	0	74.2	14.8	-1.9	339
	Gujarat	12838	0	277.1	56.7	-2.3	464
	MP	11037	0	207.5	118.6	-1.9	374
	Maharashtra	19723	0	408.9	146.0	0.3	496
	Goa	436	0	8.9	8.1	0.5	77
	DD	296	0	6.7	6.5	0.1	23
	DNH	737	0	16.6	16.8	-0.2	23
	Essar steel	608	0	7.2	7.3	-0.1	226
SR	Andhra Pradesh	6958	0	143.7	22.2	0.8	1197
	Telangana	7980	0	157.7	66.3	2.0	352
	Karnataka	9025	0	195.6	64.3	1.2	730
	Kerala	3405	0	62.6	53.4	2.2	274
	Tamil Nadu	13401	0	273.9	142.5	-3.8	713
	Pondy	310	0	6.2	6.7	-0.4	23
ER	Bihar	3529	100	62.4	60.8	-0.2	200
	DVC	2790	0	65.3	-36.4	0.9	180
	Jharkhand	1199	0	22.2	15.3	1.1	180
	Odisha	3697	0	68.0	14.3	1.4	290
	West Bengal	6615	0	110.1	27.4	1.1	270
NER	Sikkim	90	0	1.6	1.6	0.0	25
	Arunachal Pradesh	89	1	2.1	1.9	0.2	15
	Assam	1331	48	22.1	16.0	1.8	140
	Manipur	141	1	2.4	2.3	0.1	17
	Meghalaya	332	0	5.7	4.4	0.1	12
	Mizoram	89	0	1.4	1.2	0.2	26
	Nagaland	106	1	2.2	1.8	0.3	21
Tripura	207	0	3.4	1.9	0.2	20	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-6.2	-10.6
Day peak (MW)	193.3	-318.0	-553.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	203.4	-199.5	73.2	-75.0	3.7	5.7
Actual(MU)	200.2	-209.2	69.7	-76.0	5.7	-9.7
O/D/U/D(MU)	-3.2	-9.7	-3.5	-1.0	2.0	-15.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6754	11311	1800	1450	229	21544
State Sector	10520	19017	6922	5564	110	42133
Total	17274	30328	8722	7014	338	63677

*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 :	20-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	397	0.0	13.5	-13.5	
2		SASARAM-FATEHPUR	S/C	177	107	0.5	0.0	0.5	
3		GAYA-BALIA	S/C	0	387	0.0	7.5	-7.5	
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0	
5	400 KV	PUSAULI-SARNATH	S/C	0	228	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	70	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	121	402	0.0	6.0	-6.0	
8		PATNA-BALIA	Q/C	0	906	0.0	17.1	-17.1	
9		BIHARSHARIFF-BALIA	D/C	108	292	0.0	3.0	-3.0	
10	400 KV	BARH-GORAKHPUR	D/C	8	569	0.0	10.6	-10.6	
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	0.6	-0.6	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	142	0.0	2.7	-2.7	
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	0.0	0.0	0.0	
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						1.2	67.0	-65.8	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	787	0.0	12.4	-12.4	
18		NEW RANCHI-DHARAMJAIGARH	D/C	389	159	3.6	0.0	3.6	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	135	20	0.9	0.0	0.9	
20		JHARSUGUDA-RAIGARH	S/C	153	0	2.0	0.0	2.0	
21		IBEUL-RAIGARH	S/C	109	0	1.4	0.0	1.4	
22		STERLITE-RAIGARH	D/C	0	237	0.0	3.8	-3.8	
23		RANCHI-SIPAT	D/C	367	4	3.4	0.0	3.4	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	10	112	0.0	1.3	-1.3	
25		BUDHIPADAR-KORBA	D/C	148	0	1.7	0.0	1.7	
ER-WR						12.9	17.5	-4.6	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	307	0.0	12.1	-12.1	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2349	0.0	40.2	-40.2	
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	0.1	-0.1	
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	52.3	-52.3	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	425	200	2.3	0.0	2	
32		ALIPURDUAR-BONGAIGAON	D/C	319	181	2.8	0.0	3	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.6	0.0	1	
ER-NER						5.7	0.0	5.7	
Import/Export of NR (With NER)									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.3	12.3	
NR-NER						0.0	12.3	12.3	
Import/Export of WR (With NR)									
35	HVDC	V'CHAL B/B	D/C	500	50	6.2	0.2	6.0	
36	HVDC	APL -MHG	D/C	0	2518	0.0	60.5	-60.5	
37	765 KV	GWALIOR-AGRA	D/C	0	3222	0.0	65.5	-65.5	
38	765 KV	PHAGI-GWALIOR	D/C	0	1612	0.0	32.6	-32.6	
39	400 KV	ZERDA-KANKROLI	S/C	185	0	2.6	0.0	2.6	
40	400 KV	ZERDA -BHINMAL	S/C	164	101	1.4	0.0	1.4	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	351	0	4	-4	
43	220 KV	BADOD-KOTA	S/C	0	0	0.0	0.0	0.0	
44		BADOD-MORAK	S/C	62	19	0.0	0.6	-0.5	
45		MEHGAON-AURAIYA	S/C	55	0	0.9	0.0	0.9	
46		MALANPUR-AURAIYA	S/C	12	16	0.1	0.1	0.0	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						11.2	163.7	-152.5	
Import/Export of WR (With SR)									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	17.4	-17.4	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2297	0.0	39.2	-39.2	
51	400 KV	KOLHAPUR-KUDGI	D/C	58	206	0.0	2.2	-2.2	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	257	0.0	4.9	-4.9	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	89	0	1.3	0.0	1.3	
WR-SR						1.3	63.7	-62.4	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						2.7	
55		NEPAL						-6.2	
56		BANGLADESH						-10.6	