



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 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 16.01.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16 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 16 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 17-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	43738	43523	35038	17318	2232	141850
Peak Shortage (MW)	716	11	0	200	16	943
Energy Met (MU)	870	995	802	321	38	3026
Hydro Gen(MU)	98	57	38	24	11	227
Wind Gen(MU)	6	29	20	-----	-----	54
Solar Gen (MU)*	2.40	9.46	14.80	0.00	0.02	27

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	0.27	6.11	6.38	68.34	25.28

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	5273	0	88.1	39.0	-0.1	336
	Haryana	6595	0	114.9	64.2	-0.3	149
	Rajasthan	9852	0	210.2	75.8	2.6	283
	Delhi	3709	0	64.0	53.5	-0.2	270
	UP	13850	0	288.1	94.9	0.0	0
	Uttarakhand	1938	0	34.2	18.9	1.4	233
	HP	1371	0	25.6	20.2	0.4	160
	J&K	2121	530	41.3	36.3	1.3	620
WR	Chhattisgarh	3173	0	71.6	7.5	-0.3	288
	Gujarat	13379	0	269.4	71.6	1.5	400
	MP	9854	0	209.1	117.8	-0.6	419
	Maharashtra	19601	142	406.2	142.5	5.2	915
	Goa	426	0	8.7	7.9	0.2	81
	DD	289	0	6.2	6.2	0.0	12
	DNH	718	0	16.3	16.5	-0.2	16
	Essar steel	429	0	7.7	7.6	0.2	161
SR	Andhra Pradesh	6618	0	145.2	10.7	2.4	566
	Telangana	8125	0	152.2	68.3	-0.1	231
	Karnataka	9337	0	195.2	67.4	3.1	549
	Kerala	3412	0	63.7	54.8	1.8	160
	Tamil Nadu	11573	0	240.8	129.7	-1.1	544
	Pondy	230	0	4.5	5.5	-1.0	29
ER	Bihar	3582	100	63.1	60.7	-0.7	435
	DVC	2689	0	62.3	-37.9	-2.2	365
	Jharkhand	1175	0	24.1	15.2	1.0	135
	Odisha	3871	0	66.0	14.3	-0.7	405
	West Bengal	6534	0	104.0	26.3	0.8	398
NER	Sikkim	88	0	1.6	1.7	-0.1	20
	Arunachal Pradesh	108	2	2.0	1.9	0.1	9
	Assam	1309	2	21.3	15.2	1.7	184
	Manipur	133	1	2.2	2.2	0.0	30
	Meghalaya	293	0	5.2	4.4	-0.1	23
	Mizoram	87	2	1.5	1.2	0.2	15
	Nagaland	101	1	1.8	1.7	0.1	13
Tripura	208	0	3.6	0.9	1.2	24	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.8	-7.6	-10.3
Day peak (MW)	188.6	-361.8	-601.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	208.5	-198.1	66.0	-79.7	2.9	-0.4
Actual(MU)	205.9	-197.8	62.4	-84.8	5.9	-8.4
O/D/U/D(MU)	-2.6	0.3	-3.6	-5.1	3.0	-8.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6624	10481	2270	1450	507	21332
State Sector	9415	18914	7022	5594	110	41055
Total	16039	29395	9292	7044	616	62387

*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 :	17-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	587	0.0	14.4	-14.4	
2		SASARAM-FATEHPUR	S/C	132	166	0.0	0.3	-0.3	
3		GAYA-BALIA	S/C	0	447	0.0	7.0	-7.0	
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	6.1	-6.1	
5	400 KV	PUSAULI-SARNATH	S/C	0	240	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	4	53	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	118	391	0.0	5.1	-5.1	
8		PATNA-BALIA	Q/C	0	845	0.0	15.6	-15.6	
9		BIHARSHARIFF-BALIA	D/C	57	238	0.0	3.4	-3.4	
10	220 KV	BARH-GORAKHPUR	D/C	0	577	0.0	11.4	-11.4	
11		BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.6	-1.6	
12		PUSAULI-SAHUPURI	S/C	0	154	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	0.6	0.0	0.6	
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						0.6	67.5	-66.9	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	940	0.0	14.4	-14.4	
18		NEW RANCHI-DHARAMJAIGARH	D/C	450	236	1.7	0.0	1.7	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	108	93	0.0	0.3	-0.3	
20		JHARSUGUDA-RAIGARH	S/C	109	70	0.2	0.0	0.2	
21		IBEUL-RAIGARH	S/C	80	44	0.2	0.0	0.2	
22		STERLITE-RAIGARH	D/C	0	331	0.0	5.0	-5.0	
23		RANCHI-SIPAT	D/C	233	68	1.2	0.0	1.2	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	161	0.0	1.5	-1.5	
25		BUDHIPADAR-KORBA	D/C	152	0	2.5	0.0	2.5	
ER-WR						5.8	21.2	-15.3	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	251	0.0	8.7	-8.7	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2452	0.0	39.0	-39.0	
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	0.9	-0.9	
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	47.7	-47.7	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	499	264	2.4	0.0	2	
32		ALIPURDUAR-BONGAIGAON	D/C	355	219	2.0	0.0	2	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.6	0.0	1	
ER-NER						4.9	0.0	4.9	
Import/Export of NR (With NER)									
34	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)									
35	HVDC	V'CHAL B/B	D/C	500	100	6.8	0.3	6.4	
36	HVDC	APL -MHG	D/C	0	2281	0.0	56.2	-56.2	
37	765 KV	GWALIOR-AGRA	D/C	0	3046	0.0	62.4	-62.4	
38	765 KV	PHAGI-GWALIOR	D/C	0	1570	0.0	34.0	-34.0	
39	400 KV	ZERDA-KANKROLI	S/C	180	78	0.0	1.1	-1.1	
40	400 KV	ZERDA -BHINMAL	S/C	90	228	0.0	1.8	-1.8	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	-470	0	8	-8	
43	220 KV	BADOD-KOTA	S/C	62	0	0.5	0.0	0.5	
44		BADOD-MORAK	S/C	25	42	0.1	0.3	-0.1	
45		MEHGAON-AURAIYA	S/C	56	0	1.0	0.0	1.0	
46		MALANPUR-AURAIYA	S/C	23	6	0.2	0.0	0.2	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						8.7	164.5	-155.8	
Import/Export of WR (With SR)									
48	HVDC	BHADRAWATI B/B	-	0	600	0.0	14.4	-14.4	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2128	0.0	38.2	-38.2	
51	400 KV	KOLHAPUR-KUDGI	D/C	19	329	0.0	3.6	-3.6	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	264	0.0	5.7	-5.7	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	82	0	1.6	0.0	1.6	
WR-SR						1.6	62.0	-60.3	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						3.8	
55		NEPAL						-7.6	
56		BANGLADESH						-10.3	